

**COMPONENTS CLEANING FACILITY, SWMU 030  
EASTERN HIGH-CONCENTRATION PLUME AREA  
IMPLEMENTATION WORK PLAN  
KENNEDY SPACE CENTER, FLORIDA**

**Prepared for:**



**National Aeronautics and Space Administration  
Kennedy Space Center, Florida**

**September 2021  
Revision 0**

**Prepared by:**

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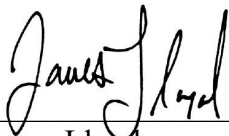
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FOR  
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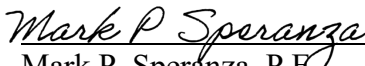
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**September 2021**



## PROFESSIONAL ENGINEER CERTIFICATION

This Implementation Work Plan for Components Cleaning Facility, Eastern High-Concentration Plume Area, Solid Waste Management Unit 030, Kennedy Space Center, Florida, dated September 2021, has been prepared by or under the responsible supervision, direction, or control of the Florida-licensed professional engineer whose signature and seal appear below. This document and the work described herein complies with standard professional practices and the requirements of Chapter 62-780, Florida Administrative Code (F.A.C.) and other rules of the Florida Department of Environmental Protection according to Rule 62-780.400(1), F.A.C.



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## ABBREVIATIONS AND ACRONYMS

|           |                                                         |
|-----------|---------------------------------------------------------|
| ADP       | Advance Data Package                                    |
| AS        | air sparging                                            |
| ASTM      | American Society of Testing and Materials               |
| bls       | below land surface                                      |
| BMP       | best management practice                                |
| BOSS      | Base Operations, Support Services                       |
| CCB       | Converter Compressor Building                           |
| CCF       | Components Cleaning Facility                            |
| CCF East  | Components Cleaning Facility, Eastern Area              |
| CCR       | Construction Completion Report                          |
| cDCE      | cis-1,2-dichloroethene                                  |
| cfm       | cubic feet per minute                                   |
| CMS       | Correct Measures Studies                                |
| COC       | contaminant of concern                                  |
| CVOC      | chlorinated volatile organic compound                   |
| DNAPL     | dense non-aqueous-phase liquid                          |
| DOT       | Department of Transportation                            |
| DPT       | direct-push technology                                  |
| e-QIP     | electronic Questionnaires for Investigations Processing |
| EE        | Engineering Evaluation                                  |
| ERH       | electrical resistance heating                           |
| EZVI      | Emulsified Zero-Valent Iron                             |
| °F        | degrees Fahrenheit                                      |
| FDEP      | Florida Department of Environmental Protection          |
| FDOT      | Florida Department of Transportation                    |
| FOL       | Field Operations Leader                                 |
| Freon-113 | 1,1,2-trichlorotrifluoroethane                          |
| ft/ft     | foot per foot                                           |

## **ABBREVIATIONS AND ACRONYMS (CONTINUED)**

|       |                                               |
|-------|-----------------------------------------------|
| GCTL  | Groundwater Cleanup Target Level              |
| GFCI  | ground fault circuit interrupter              |
| GPR   | ground penetrating radar                      |
| HAP   | hazardous air pollutant                       |
| HCP   | high-concentration plume                      |
| HDPE  | high-density polyethylene                     |
| HP    | horsepower                                    |
| I.D.  | inside diameter                               |
| IDIQ  | Indefinite Delivery Indefinite Quantity       |
| IdMAX | Identify Management and Account Exchange      |
| IDW   | investigative-derived waste                   |
| IM    | Interim Measure                               |
| IMWP  | Interim Measure Work Plan                     |
| IWP   | Implementation Work Plan                      |
| JPEG  | Joint Photographic Experts Group              |
| KNPR  | Kennedy NASA Procedural Requirements          |
| KSC   | Kennedy Space Center                          |
| KSCRT | Kennedy Space Center Remediation Team         |
| LCP   | low-concentration plume                       |
| LDA   | large diameter auger                          |
| LTM   | Long Term Monitoring                          |
| MNA   | monitored natural attenuation                 |
| MOT   | Maintenance of Traffic                        |
| NAD   | North American Datum                          |
| NADC  | Natural Attenuation Default Concentration     |
| NAVD  | North American Vertical Datum                 |
| NASA  | National Aeronautics and Space Administration |
| NEMA  | National Electrical Manufacturers Association |
| NOI   | Notice of Intent                              |

## **ABBREVIATIONS AND ACRONYMS (CONTINUED)**

|        |                                                 |
|--------|-------------------------------------------------|
| NOT    | Notice of Termination                           |
| NPDES  | National Pollutant Discharge Elimination System |
| NPT    | National Pipe Thread                            |
| O&M    | operation and maintenance                       |
| OM&M   | operations, maintenance, and monitoring         |
| OSHA   | Occupational Safety and Health Administration   |
| PAHs   | polycyclic aromatic hydrocarbons                |
| PCBs   | polychlorinated biphenyls                       |
| PFAS   | per- and polyfluoroalkyl substances             |
| P&ID   | piping and instrumentation diagram              |
| PID    | photoionization detector                        |
| PLC    | programmable logic control                      |
| PPE    | personal protective equipment                   |
| psig   | pound per square inch gauge                     |
| PVC    | polyvinyl chloride                              |
| RCRA   | Resource Conservation and Recovery Act          |
| REC    | Record of Environmental Consideration           |
| RFI    | RCRA Facility Investigation                     |
| RIS    | Remediation Information System                  |
| ROI    | radius of influence                             |
| RPM    | Remediation Project Manager                     |
| SAP    | Sampling and Analysis Plan                      |
| SDR    | standard dimension ratio                        |
| SJRWMD | St. Johns River Water Management District       |
| SOP    | standard operating procedure                    |
| SSHASP | Site-Specific Health and Safety Plan            |
| SVE    | soil vapor extraction                           |
| SWMU   | Solid Waste Management Unit                     |
| SWPPP  | Storm Water Pollution Prevention Plan           |



## **ABBREVIATIONS AND ACRONYMS (CONTINUED)**

|       |                                               |
|-------|-----------------------------------------------|
| TCE   | trichloroethene                               |
| tDCE  | trans-1,2-dichloroethene                      |
| TOC   | top of casing                                 |
| TWA   | time weighted average                         |
| µg/L  | microgram per liter                           |
| USACE | United States Army Corps of Engineers         |
| USEPA | United States Environmental Protection Agency |
| VC    | vinyl chloride                                |
| VFD   | variable-frequency drive                      |
| VOC   | volatile organic compound                     |
| ZVI   | Zero-Valent Iron                              |

## **EXECUTIVE SUMMARY**

This Implementation Work Plan (IWP) presents detailed design elements and coordination specifics to implement an air sparging (AS) Interim Measure (IM) to remediate groundwater at the Components Cleaning Facility (CCF), Eastern High Concentration Plume (HCP) Area located at Kennedy Space Center (KSC), Florida. The objective of the CCF East IM is to remediate groundwater where trichloroethene, cis-1,2-dichloroethene, and vinyl chloride concentrations exceed Florida Department of Environmental Protection Natural Attenuation Default Criteria (NADC) (identified as the HCP) via AS and to transition to monitored natural attenuation. CCF has been designated Solid Waste Management Unit 030 under KSC's Resource Conservation and Recovery Act Corrective Action Program.

The CCF Interim Measure Work Plan (IMWP), presented at the December 2018 KSC Remediation Team Meeting (KSCRT), was used as the primary design basis; however, modifications were made to the design as described within this document. A supplemental direct push technology (DPT) investigation was conducted in 2020 which resulted in a revised HCP delineation and an expanded AS network layout. The revised layout includes three "test" sparge wells added to evaluate the feasibility of sparging in the retarding unit. Other major modifications to the system include two header conveyance lines to supply compressed air to the treatment area and utilization of two distribution manifolds and one manifold trailer. The contents of this IWP were presented to the KSCRT in September 2021 and received concurrence from the Team.

This IWP describes the activities that will be performed to install, operate, and monitor the AS system to treat the HCP. The CCF AS system will consist of a total of 88 AS wells to be installed to depths of 15, 25, 35, 45, 50, and 61 feet below land surface (bls). The majority of the wells (85 AS wells) will be placed above the retarding unit, at or above 50 feet bls. The remaining three AS wells will be installed to 61 feet bls to test sparging within the retarding unit which contains concentrations greater than 10 times NADCs.

To evaluate the effectiveness of the IM, performance monitoring sampling will be conducted prior to system start-up (baseline) and on a quarterly basis for the first year of operation. A

network of 25 monitoring wells will be used for performance monitoring, including 15 existing monitoring wells and 10 new monitoring wells that will be installed as part of IM activities. Three surface water samples will also be collected from the stormwater ditch bisecting the site as part of performance monitoring activities.

Following construction completion of the AS system, start-up (Week 1), prove-out (Weeks 2 through 4), and full-scale operation and maintenance (O&M) (Months 2 through 12) will be conducted. A Construction Completion Report (CCR) Advance Data Package (ADP) will be presented to the KSCRT following successful implementation and prove-out of the AS IM and will include construction details, field notes, design deviations, and results from the first quarter of performance monitoring. Construction completion activities presented in the CCR ADP will be included in the Year One Performance Monitoring Report.

## **SECTION I**

### **INTRODUCTION**

This Implementation Work Plan (IWP) was prepared by Tetra Tech, Inc., for the National Aeronautics and Space Administration (NASA) under Indefinite Delivery Indefinite Quantity (IDIQ) Contract 80KSC019D0011/80KSC019F0068, for the implementation of an Interim Measure (IM) at the Component Cleaning Facility (CCF) East site located at Kennedy Space Center (KSC), Florida. CCF has been designated as Solid Waste Management Unit (SWMU) 030 under KSC's Resource Conservation and Recovery Act (RCRA) Corrective Action Program. The objective of the CCF IM is to reduce the chlorinated volatile organic compound (CVOC) concentrations within the Eastern High-Concentration Plume (HCP) Area (herein referred to as "CCF East") via air sparging (AS) to concentrations that facilitate transition to monitored natural attenuation (MNA).

This IWP describes the activities that will be performed to install, operate, and monitor the AS system to be used at CCF East for the treatment of the HCP. The HCP constitutes groundwater CVOC concentrations that exceed their respective Florida Department of Environmental Protection (FDEP) Natural Attenuation Default Concentrations (NADCs). The Eastern High-Concentration Plume Area Interim Measure Work Plan (IMWP) was used as the design basis for this IWP (NASA, 2019a); however, modifications were made to the original design because additional groundwater sampling was conducted to refine the treatment area. All major modifications to the original design are listed in Section 3.3.

#### **1.1 BACKGROUND**

KSC is located on the northern section of Merritt Island, a barrier island which is bordered on the east by the Banana River Lagoon and on the west by the Indian River Lagoon. CCF is located northeast of the intersection of the Crawlerway and Fluid Servicing Road. Figure A-1 (Appendix A) shows the location of CCF within KSC. A large portion of the site is covered with concrete, from the eastern fence line to just west of the former field cleaning operations building, and from the concrete-lined ditch along the Crawlerway to the railroad tracks just

beyond the northern fence line. The western side of the site is undeveloped and vegetated with grass and shrubs. A location map for CCF East is provided as Figure A-2.

CCF East is located in the area of the former Reclamation Plant (Building K7-565), which was developed in 1962. The original facility was developed for cleaning and refurbishment of hardware and had an associated analytical laboratory. The facility expanded over the years until all operations at the site were phased out in the early 2000s. By 2006, all site buildings were demolished to ground level, with the exception of one (see Figure A-2). Previous site investigations concluded that the contaminants of concern (COCs) at the site are trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), trans-1,2-dichloroethene (tDCE), vinyl chloride (VC), 1,1,2-trichlorotrifluoroethane (commonly known as Freon-113), and 1,1-dichloroethene.

Groundwater contamination at CCF includes low-concentration plume (LCP) areas with volatile organic compound (VOC) concentrations greater than State of Florida Groundwater Cleanup Target Levels (GCTLs), HCP areas with VOC concentrations greater than FDEP NADCs, and two hot spots (western and eastern, identified as Hot Spot 1 (CCF West) and Hot Spot 2 (CCF East), respectively) with VOC concentrations greater than 10 times NADCs (10xNADC). An electrical resistive heating (ERH) IM was conducted in 2017 and focused on the area of Hot Spot 2 with concentrations greater than 1-percent of TCE solubility (11,000 micrograms per liter [ $\mu\text{g/L}$ ]), identified as a TCE source zone. The ERH IM was conducted with the objective of reducing VOC concentrations in the fine-grained unit within CCF East to support transition to MNA or a supplemental treatment technology. Remediation activities at CCF West are currently managed and documented under a separate IDIQ contract.

## **1.2 SITE CHARACTERIZATION**

Previous investigations and remedial activities leading up to the preparation of this IWP are summarized below:

**1992 - 1999:** The RCRA Facility Investigation (RFI) for CCF was conducted from 1992 to 1997 (NASA, 1998) with additional activities conducted up to 1999. Contaminants detected in groundwater during the RFI and supplemental sampling activities at concentrations

exceeding GCTLs included VOCs and semi-volatile organic compounds. Additional monitoring wells were installed and sampled between approval of the RFI in 1998 and submittal of the Corrective Measures Study (CMS) in 2001 (NASA, 2001a).

**1999 - 2001:** As documented in the CMS, TCE dense non-aqueous-phase liquid (DNAPL) in groundwater was delineated adjacent to and beneath the GN-2 loading station (Building K7-514), and supplemental assessments identified two subsurface areas with concentrations of Freon-113 in groundwater indicative of DNAPL. In addition, polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and some metals were detected in soil and sediment samples at concentrations greater than Soil Cleanup Target Levels. As recommended in the CMS, the final corrective measure for TCE DNAPL was aggressive groundwater extraction and soil vapor extraction followed by soil excavation, as necessary, and the final corrective measure for groundwater was a combination AS/soil vapor extraction (SVE) and groundwater pump-and-treat system with possible bioenhancing amendments prior to reinjection of treated groundwater. It was also determined in the CMS that Freon-113 less than 210,000 µg/L did not require treatment, provided that monitoring was conducted to ensure that contaminant migration does not occur.

**October 2002 to March 2004:** The TCE DNAPL groundwater treatment system, implemented as an Interim Corrective Measure prior to construction of the groundwater corrective measures remedy, operated from October 2002 to March 2004 with the objective of reducing or eliminating the presence of TCE DNAPL near Building K7-514. Concentrations of TCE detected following operation of the Interim Corrective Measures system were comparable to concentrations observed prior to system startup, and KSC Remediation Team (KSCRT) consensus was reached to excavate soil containing TCE at concentrations greater than 236 milligrams per kilogram (Meeting Minute 0403-M14, Decision 0403-D19).

**2004:** In June 2004, a hot spot excavation was conducted to remove TCE-contaminated subsurface soil near K7-514. Also, in 2004, a removal action was conducted to remove PAH- and PCB-contaminated soils and sediment. No further action was subsequently approved for soil and sediments at CCF. The sediment and soil excavations are documented in the Ditch

Sediment Removal and Hot Spot Excavation Reports, respectively (NASA, 2005a and 2005b).

**2004 - 2008:** Construction of the groundwater corrective measure portion of the remedy, which incorporated and expanded on the groundwater treatment and effluent disposal systems components of the TCE DNAPL Interim Corrective Measure, began in 2004 based on the Corrective Measures Implementation document (NASA, 2003). The groundwater corrective measure included primary treatment via AS and SVE and hydraulic control and secondary treatment via extraction wells, with discharge of treated water to an infiltration gallery. System startup occurred in 2005, and operations were planned until COC concentrations were reduced to one-half of the NADCs. Based on modeling conducted during the CMS, it was estimated that groundwater cleanup goals would be achieved in approximately 10 years. Semi-annual performance monitoring results indicated COC concentrations greater than NADCs in areas of the site beyond the influence of the treatment system, and a supplemental direct-push technology (DPT) investigation in 2007 identified contamination at locations and at depths not previously detected. In 2008, the system was modified to address the newly identified areas of contamination.

**2009:** At the December 2009 KSCRT Meeting, Team consensus was reached to discontinue operation of the groundwater treatment system based on identification of contamination beyond the influence of the system and in other areas outside of the current system boundaries to conduct further groundwater investigations (Meeting Minute 0912-M2, Decision 0912-D2). The system was deactivated in December 2009 as detailed in the Year 5 Operations, Monitoring, and Maintenance Report, dated January 2011 (NASA, 2011). It was decided that the process systems would be decommissioned unless a future use could be found for the equipment at another NASA site. Decommissioning and disposal activities are documented in the Decommission and Disposal of the Remedial System Letter Report (NASA, 2013a).

**2006 – 2013:** The groundwater investigations conducted in 2006 and additional supplemental investigation in 2008 prompted the site to go back into the investigation phase. Additional groundwater investigations were conducted at CCF Hot Spot Area 2, later referred to as CCF East, in 2012 and 2013. The findings of the investigations were summarized in the CCF Hot

Spot 2 Area Source Zone Site Characterization Advance Data Package (ADP) (formerly referred to as a Step 1 Engineering Evaluation [EE]) (NASA, 2013b). The Site Characterization included supporting evidence for delineation of the CCF East Hot Spot Area, and Team consensus was reached that the CCF East DNAPL Source Zone, based on TCE concentrations greater than 11,000 µg/L, and the surrounding Hot Spot, based on TCE concentrations greater than 3,000 µg/L, were delineated (Meeting Minute 1308-M5, Decision 1308-D6 and D7). The majority of contaminated mass was identified in the 30- to 50-foot interval and consisted of cDCE, tDCE, and VC, and the majority of TCE mass was in the 50- to 60-foot interval. The Site Characterization EE also served as a technology screening refinement and discussion vehicle for remedial technologies in support of transition to the Remedial Alternatives Evaluation.

**2014:** The CCF Hot Spot 2 Area Source Zone Remedial Alternatives Evaluation (formerly referred to as a Step 2 EE) was presented at the May 2014 KSCRT Meeting and provided IM objectives and comparative analysis for remedial alternatives proposed in the Site Characterization (NASA, 2014a). The Remedial Alternatives Evaluation resulted in the selection of ERH and SVE, and consensus was reached to proceed to an IMWP for the CCF East Hot Spot Area (Meeting Minute 1406-M2, Decision 1406-D4). The IMWP ADP (referred to as the CCF Hot Spot 2 Step 3 EE in the IMWP) was presented at the November 2014 KSCRT Meeting and provided details of the proposed ERH IM (NASA, 2014b). Team consensus was reached for the design of the ERH IM as presented in IMWP (Meeting Minute 1411-M02, Decision 1411-D02).

**2016 – 2017:** The ERH IM was operated from May 2016 to March 2017 within the CCF East Hot Spot Area to remove source TCE mass and treat contaminated groundwater in the fine-grained unit from approximately 40 to 60 feet below land surface (bls) in accordance with the ERH IWP (NASA, 2015). Four DPT groundwater performance monitoring events were conducted in August, October, and November 2016 and February 2017 to evaluate whether the ERH system was operating properly, whether additional actions, optimizations, or adjustments were needed, and to confirm that the IM objective was achieved with the intent of reducing groundwater concentrations to less than NADCs was met. The performance



monitoring events showed that the ERH IM successfully removed the TCE source zone and contaminant mass in the fine-grained unit sufficient to transition to MNA or a supplemental technology. Demobilization of the ERH equipment was conducted in April 2017. Details regarding the ERH IM and 2016 and 2017 performance monitoring results are provided in the CCF Hot Spot 2 Source Area Construction Completion and Operations, Maintenance, and Monitoring Report dated January 2018 (NASA, 2018).

Although the cleanup objective of the CCF East Hot Spot Area ERH IM was met, the overall Corrective Action Objective for the site is to reduce concentrations of VOCs to less than GCTLs. The CCF East Operations, Maintenance, and Monitoring ADP recommended transitioning to a supplemental technology to continue the reduction of VOC concentrations at the site under a treatment train approach (NASA, 2017a). It was also recommended that an HCP reassessment be conducted to provide a baseline for the future IM. Therefore, in May 2017, KSCRT consensus was reached to conduct a limited HCP assessment via DPT sampling to determine current plume conditions following source zone treatment and proceed to an AS IMWP unless found not appropriate during reassessment (Meeting Minute 1705-M9, Decision 1705-D14). Consensus was also reached to conduct post-active remediation monitoring, and it was agreed that if temperatures remain elevated, the monitoring could be conducted via DPT (Meeting Minute 1705-M9, Decision 1705-D13).

**2018:** During the December 2018 KSCRT meeting, the HCP Reassessment results and AS IMWP were presented. Consensus was reached that the HCP was delineated and that collection of four groundwater samples via DPT would be added to the north due to cDCE concentrations in the 20 to 30 feet bls interval. Consensus was also reached for the CCF East IMWP (Meeting Minute 1812-M19, Decisions 1812-70 and 71). The IMWP (NASA, 2019a) and the Reassessment Report (NASA, 2019b), were approved by FDEP in a letter dated November 6, 2019.

**2020-2021:** Additional DPT sampling was conducted in 2020 to confirm/refine the extent of the HCP prior to implementing the AS IM. Lithology assessments were also conducted in 2021 to support the IM. These sampling efforts are documented in this IWP.

### **1.3 LITHOLOGY**

The geology at CCF East is historically based on investigations using DPT and a piezocone tool in 1994 and cone penetration testing in 2008. More recently, soil cores were collected in February 2021 to verify the deeper lithology at sparge depths proposed for this IM. Soil cores were logged from approximately 35 ft bls and terminated at 65 ft bls. A summary of the lithology is presented below:

- Ground surface to approximately 40 feet bls: sand and some silt with increasing shell content.
- Approximately 40 to 50 feet bls: slightly silty sand with abundant shell fragments
- Approximately 50 to 65 feet bls: silty sand with clay, interbedded clays, increased clay contents in beds from 58 to 60 feet bls and 64 feet bls. No dense/dry clay beds observed.

### **1.4 HYDROLOGY**

The topography of CCF East is generally flat with the exception of the north and south ditch surrounding the site. Both ditches flow to the west where it can enter a moat around the Ordnance Storage Facility or flow through it entering into a large wetland system and eventually the Banana Creek (NASA, 1998). The proposed AS system spans across the north ditch, which is unlined, approximately 25-foot wide and is positioned at the center of the site (oriented from the northeast of the site to the south west). It is anticipated that standing water will be present during seasonal rains.

Depth to groundwater at CCF ranges from approximately 2 to 4 feet bls. Based on groundwater elevations measured during the Interim Groundwater Monitoring event in June 2019, groundwater flow was generally radial, with a divide in the Crawlerway to the north-northwest appearing above 50 feet, which is consistent with previous CCF groundwater flow data (NASA, 2020). In the 1998 RFI, the average hydraulic gradient was estimated to be 0.0016 foot per foot (ft/ft) in the shallow zone, 0.00086 ft/ft in the intermediate-deep zone, and 0.00086 ft/ft in the deep zone (NASA, 1998). The average hydraulic conductivity values determined during the October 2000 aquifer testing were 8.38 feet/day for the shallow zone,

12.71 feet/day in the intermediate-shallow zone, 1.00 feet/day in the intermediate deep zone, and 0.60 feet/day in the deep zone (NASA, 2001a).

## **1.5 ENGINEERING EVALUATION OVERVIEW**

The Engineering Evaluation Multi-Step Process was used to provide KSCRT review and allow input from all KSCRT members for delineation of contaminated groundwater, evaluation and screening of IM technologies, and development of the IM design. Below is a summary of the EE Multi-Step Process steps completed to date at CCF East.

**1.5.1 Site Characterization (2009).** Site characterization involved the delineation of the CVOC groundwater impacts following shutdown of the CCF remediation system in 2009. The Step 1 EE (as previously called under the EE Process) was presented in the form of an ADP to the KSCRT in August 2013. Consensus was reached in August 2013 on delineation of the TCE Hot Spot and Source Zone areas (Meeting Minute 1308-M5, Decisions 1308-D06 and D07). This was referred to as Step 1A EE for CCF East. As part of the Step 1B EE for CCF East, technology screenings were conducted and a list of retained technologies was agreed upon. Team consensus was also reached for the Hot Spot 2 Source Zone treatment area definition of 3,000 µg/L TCE (Meeting Minute 1308-M5, Decisions 1308-D08 and D09).

**1.5.2 Remedial Alternative Evaluation (2014).** The Remedial Alternative Evaluation for CCF East was presented at the June 2014 KSCRT meeting. The conceptual designs for the retained technologies from the Site Characterization were reviewed and included:

- Alternative G1: Large-Diameter Auger (LDA) excavation and impermeable backfill
- Alternative G2: LDA mixing with clay and Zero-Valent Iron (ZVI)
- Alternative G3: LDA steam/air injection, SVE, and mixing with ZVI
- Alternative G4: ERH and SVE
- Alternative G5: Air Sparging
- Alternative G6: Emulsified ZVI (EZVI) injection

Conceptual designs were reviewed for the retained technologies as part of the Remedial Alternatives Evaluation. The Corrective Action Objective was also agreed upon to be

implemented during the IM Design and Implementation. During the June 2014 KSCRT meeting, consensus was reached to proceed to IMWP/Step 3 EE with Alternative G4 (ERH and SVE) (Meeting Minute 1406-M02, Decision 1406-D04). Consensus was also reached for the IM objective to reduce concentrations within the Hot Spot footprint of CCF East to support transition to MNA (Meeting Minute 1406-M02, Decision 1406-D03).

**1.5.3 Interim Measure Design and Implementation (2014).** The IMWP ADP was presented at the November 2014 KSCRT Meeting and provided details of the proposed ERH IM (NASA, 2014b). Team consensus was reached for the design of the ERH IM as presented in IMWP (Meeting Minute 1411-M02, Decision 1411-D02).

**1.5.4 Interim Measure Optimization and Monitoring (2016).** The ERH IM was operated from May 2016 to March 2017. A Construction Completion and Operations, Maintenance, and Monitoring (OM&M) ADP was presented during the September 2016 KSCRT meeting.

**1.5.5 HCP Reassessment (Supplemental Site Characterization (2017)).** A second OM&M ADP was presented in May 2017 to the KSCRT. During the May 2017 KSCRT meeting, it was recommended to transition to a supplemental technology after the ERH IM to continue reduction of VOCs under a treatment train approach. Consensus was reached to conduct a limited HCP assessment and proceed to an AS IMWP (Meeting Minute 1705-M9, Decision 1705-D14). Limited DPT groundwater sampling was conducted between May 2016 and March 2017 to verify current extents of the HCP.

**1.5.6 Interim Measure Design and Implementation (2018 – Present).** The IMWP for AS at CCF East was co-presented with the results of the HCP Reassessment in December 2018. Consensus was reached for the CCF East AS IM to proceed to implementation following the collection of additional DPTs to close the HCP to the north due to cDCE concentrations in the 20- to 30-foot bls interval (Meeting Minute 1812-M19, Decisions 1812-70 and 71). Additional DPT sampling, which included the four previously mentioned DPTs, was completed in 2020 to confirm and refine the HCP. This data is presented in this IWP and was used to refine the HCP treatment plan.

## **1.6 DOCUMENT ORGANIZATION**

The remaining sections of this document are organized as follows:

*Section II: Supplemental Investigation* – presents a summary of findings from the DPT groundwater investigation conducted in July and December 2020.

*Section III: Interim Measure Summary* – presents a summary of the IM objectives, technical approach for implementation of the IM and design modifications from the IMWP that will be included as part of the IM.

*Section IV: Permitting Requirements and Site Preparation* – identifies the permitting requirements and necessary site preparations for IM implementation.

*Section V: Monitoring Well Installation* – describes the installation of monitoring wells to be used for IM performance monitoring.

*Section VI: Air Sparge System Installation* – details the installation of the AS system, including AS wells, conveyance piping, utilities, equipment, and as-built surveying.

*Section VII: Air Sparge System Startup, Prove Out and Operations and Maintenance* – provides details of AS system commissioning, start-up and operation and maintenance (O&M) activities.

*Section VIII: Performance Monitoring* – described the performance monitoring program that will be used to quantitatively assess IM progress and ambient air safety and air permit compliance.

*Section IX: Site Controls* – outlines the site security, safety, and emergency measures to be implemented during the IM.

*Section X: Waste Management Procedures* – describes the waste management procedures to be used during IM activities.

*Section XI: Remediation Management* – provides an overview of the IM administrative, scheduling and reporting requirements.

*Section XII: References* – lists the documents referenced within this IWP.

## SECTION II

### SUPPLEMENTAL INVESTIGATION

#### 2.1 DPT INVESTIGATION RESULTS

DPT groundwater sampling activities were conducted in July and December 2020 to add to the previous dataset collected in 2017 and 2018 (NASA, 2019b), further refine delineation of the proposed IM area, verify the design layout as presented in the IMWP (NASA, 2019a), and confirm the proposed monitoring well locations. The DPT drilling company was Drill Pro, LLC of Orlando, Florida, and the samples were submitted for VOC analysis via United States Environmental Protection Agency (USEPA) Method SW-846 8260B to a mobile laboratory operated by Analytical Laboratories of Florida, Inc., of Cape Canaveral, Florida. The results for the DPT groundwater samples are presented in Table 2-1 and on Figure A-3. The contamination associated with the Area South of K7-516 site (SWMU 100) is labeled on Figure A-3 and is being addressed separately under SWMU 100. Figures A-4 through A-7 present lithologic cross sections of the plume for TCE, cDCE, VC, and total CVOCs. Field documentation from the DPT investigation are included in Appendix B and the laboratory analytical reports are included in Appendix C.

In July 2020 there were 52 samples collected from eight DPT boring locations sampled at CCF. Four of the DPT locations (DPT578 through DPT581) were located in the area north of the HCP boundary, with two locations between the north ditch and the railroad tracks and two locations north of the ditch. At these locations, four samples were collected from each boring at mid-point depths of 10, 20, 30, and 40 feet bls. The other four boring locations (DPT553 and DPT568 through DPT570) encompassed an area within the footprint of the former ERH treatment area. At each of these locations nine groundwater samples were collected from 1-foot mid-point depth intervals between 52 and 60 feet bls.

The July 2020 DPT results showed that TCE was detected at values greater than the NADC (300 µg/L) in 10 samples, with five samples exceeding 10 times the NADC (3,000 µg/L). A maximum TCE value of 46,000 µg/L was detected at DPT568, located within the former ERH area, at a depth of 55 feet bls. cDCE was detected in 49 samples, with 15 samples greater than

the GCTL (70 µg/L), 14 samples greater than the NADC (700 µg/L), and 12 results greater than 10 times the NADC (7,000 µg/L). The maximum concentration was 69,000 µg/L at DPT553, located within the former ERH area, at a depth of 53 feet bls. tDCE was detected in two samples, both concentrations were less than the GCTL (100 µg/L), with a maximum concentration of 28 µg/L. VC was detected in 9 samples during the July 2020 event. Five samples were greater than the GCTL (1 µg/L), and four samples were greater than the NADC (100 µg/L). The maximum VC concentration during the July 2020 event was 910 µg/L at DPT578 at a depth of 20 feet bls. Because the contaminant Freon-113 has historically been detected at CCF, this compound was also analyzed for during the DPT investigation. Of the samples collected in July, Freon-113 was detected in three samples, but all at concentrations less than the GCTL of 210,000 µg/L. The maximum Freon-113 result during the July 2020 sampling event was 320 µg/L at DPT578 at a depth of 10 feet bls. Freon-113 groundwater sample results are presented on Figure A-8.

In December 2020, 192 groundwater samples were collected from 40 DPT locations. The samples ranged in depth from 10 to 65 feet bls and were located within and around the HCP to refine the vertical and horizontal extents. During the December 2020 event, TCE was detected in 21 samples with 14 greater than the GCTL, and one greater than the NADC. A maximum TCE value of 750 µg/L was detected at DPT533, located south of the former ERH area, at a depth of 10 feet bls. cDCE was detected in 110 samples; 25 samples were greater than the GCTL and three samples were greater than the NADC. The maximum concentration was 1,500 µg/L at DPT513, located in the western portion of the HCP, at a depth of 20 feet bls. tDCE was detected in 60 samples, with one sample exceeding the GCTL at a concentration of 110 µg/L at DPT596 at 20 feet bls. VC was detected in 101 samples with 67 results greater than the GCTL, 25 results greater than the NADC and eight results greater than 10 times the NADC. The maximum VC concentration was 3,000 µg/L at DPT592 at a depth of 20 feet bls. Freon-113 was not detected in any of the December 2020 DPT samples at concentrations greater than the GCTL (Figure A-8). The maximum Freon-113 result during the December 2020 sampling event was 4,900 µg/L at DPT582 at a depth of 30 feet bls.



## 2.2 GEOTECHNICAL RESULTS

Soil cores were collected in February 2021 from three locations (SB0020, SB0021, and SB0022) to verify the lithology at sparge depths proposed in this IM (i.e., the sand and shell layers and the retarding unit). Soil cores were collected and logged from approximately 35 feet bls and terminated at 65 feet bls. Boring logs were used to record the lithology and soil characteristics. The three soil core locations with lithology are shown on Figure A-7.

In April 2021, geotechnical samples were also collected to investigate the feasibility of AS in the retarding unit. Three samples were collected using a 24-inch shelby tube and submitted for analysis to Eurofins TestAmerica of Savannah, Georgia. The following parameters were analyzed along with the corresponding American Society of Testing and Materials (ASTM) method: Water Content (D2216), Grain Size (D422), Liquid Limit, Plastic Limit, Plasticity Index (D4318), Specific Gravity (D854), and Hydraulic Conductivity (D5084). Field documentation from the geotechnical investigation are included in Appendix B and the laboratory analytical reports are included in Appendix C.

| Location | Sample Depth<br>(ft bls) | Hydraulic Conductivity<br>(cm/sec) |
|----------|--------------------------|------------------------------------|
| SB0021   | 54                       | $1.1 \times 10^{-6}$               |
| SB0022   | 55                       | $3.9 \times 10^{-6}$               |
| SB0022   | 61                       | $6.5 \times 10^{-7}$               |

The table above shows the results for hydraulic conductivity analysis for the three sample locations. Hydraulic conductivity results were compared to AS guidance to determine if AS is feasible in the retarding unit. The results suggest that the retarding unit is not conducive for AS when compared to the United States Army Corps of Engineers In-Situ Air Sparging Guidance, which specifies a threshold for limited effectiveness at  $1.0 \times 10^{-5}$  cm/sec (USACE, 2013). Based on these results, the maximum treatment depth will be to the top of the retarding unit. However, three AS wells will be placed within the retarding unit as “test” wells to determine if AS is feasible within that layer.

### **2.3 SUPPLEMENTAL INVESTIGATION CONCLUSION**

As a result of the DPT investigation, the HCP plume delineation was revised and the AS well layout was expanded from the original IMWP. The results of the DPT investigation and the refined IM design were presented to the KSCRT during the September 2021 meeting. Team consensus was reached for the horizontal and vertical delineation of the AS treatment area and implementation of the IM. The presentation also included proposed DPT sampling locations for refinement of the LCP. The results will be used to develop the long-term monitoring (LTM) well network which will be presented to KSCRT at a future meeting. The September 2021 KSCRT Meeting Minutes are included in Appendix D.

Table 2-1  
Summary of DPT Analytical Results

| Location ID<br>(CCF-) | Date       | Sample<br>Depth<br>(ft bls) | Sample ID                  | TCE   | cDCE    | tDCE  | VC    | Freon-113 |
|-----------------------|------------|-----------------------------|----------------------------|-------|---------|-------|-------|-----------|
| DPT0494               | 12/15/2020 | 40                          | CCF-DPT0494-040.0-20201215 | 2 U   | 26      | 2     | 8     | 2 U       |
|                       |            | 45                          | CCF-DPT0494-045.0-20201215 | 2 U   | 5       | 5     | 160   | 2 U       |
|                       |            | 50                          | CCF-DPT0494-050.0-20201215 | 1 U   | 1 U     | 1 U   | 8     | 1 U       |
| DPT0500               | 12/09/2020 | 10                          | CCF-DPT0500-010.0-20201209 | 1     | 14      | 2     | 38    | 1 U       |
|                       |            | 20                          | CCF-DPT0500-020.0-20201209 | 1 U   | 1       | 1     | 8     | 1 U       |
|                       |            | 30                          | CCF-DPT0500-030.0-20201209 | 1 U   | 14      | 2     | 30    | 1 U       |
|                       |            | 35                          | CCF-DPT0500-035.0-20201209 | 1 U   | 9       | 3     | 120   | 1 U       |
|                       |            | 40                          | CCF-DPT0500-040.0-20201209 | 2 U   | 23      | 4     | 180   | 2 U       |
|                       |            | 45                          | CCF-DPT0500-045.0-20201209 | 10 U  | 300     | 10 U  | 960   | 10 U      |
|                       |            | 50                          | CCF-DPT0500-050.0-20201209 | 1 U   | 1 U     | 1 U   | 7     | 1 U       |
| DPT0501               | 12/09/2020 | 10                          | CCF-DPT0501-010.0-20201209 | 10 U  | 57      | 10 U  | 350   | 10 U      |
|                       |            | 20                          | CCF-DPT0501-020.0-20201209 | 1     | 4       | 5     | 50    | 1 U       |
|                       |            | 30                          | CCF-DPT0501-030.0-20201209 | 1 U   | 17      | 3     | 6     | 1 U       |
|                       |            | 35                          | CCF-DPT0501-035.0-20201209 | 1 U   | 16      | 2     | 28    | 1 U       |
|                       |            | 40                          | CCF-DPT0501-040.0-20201209 | 1 U   | 10      | 3     | 56    | 1 U       |
|                       |            | 45                          | CCF-DPT0501-045.0-20201209 | 1 U   | 490     | 17    | 1300  | 1 U       |
|                       |            | 50                          | CCF-DPT0501-050.0-20201209 | 1 U   | 1       | 1 U   | 7     | 1 U       |
|                       |            | 55                          | CCF-DPT0501-055.0-20201209 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 60                          | CCF-DPT0501-060.0-20201209 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
| DPT0502               | 12/08/2020 | 65                          | CCF-DPT0501-065.0-20201209 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 10                          | CCF-DPT0502-010.0-20201208 | 3 U   | 5       | 5     | 270   | 3 U       |
|                       |            | 20                          | CCF-DPT0502-020.0-20201208 | 3 U   | 38      | 5     | 130   | 3 U       |
|                       |            | 30                          | CCF-DPT0502-030.0-20201208 | 2 U   | 2 U     | 50    | 120   | 3         |
|                       |            | 35                          | CCF-DPT0502-035.0-20201208 | 20 U  | 260     | 20 U  | 1800  | 20 U      |
|                       |            | 40                          | CCF-DPT0502-040.0-20201208 | 10 U  | 520     | 12    | 1100  | 10 U      |
|                       |            | 45                          | CCF-DPT0502-045.0-20201208 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 50                          | CCF-DPT0502-050.0-20201208 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 55                          | CCF-DPT0502-055.0-20201208 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
| DPT0513               | 12/09/2020 | 60                          | CCF-DPT0502-060.0-20201208 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 65                          | CCF-DPT0502-065.0-20201208 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 10                          | CCF-DPT0513-010.0-20201209 | 1 U   | 170     | 2     | 95    | 1 U       |
|                       |            | 20                          | CCF-DPT0513-020.0-20201209 | 10 U  | 1500    | 23    | 730   | 10 U      |
|                       |            | 30                          | CCF-DPT0513-030.0-20201209 | 1 U   | 13      | 3     | 31    | 1 U       |
|                       |            | 35                          | CCF-DPT0513-035.0-20201209 | 3 U   | 7       | 4     | 120   | 3 U       |
|                       |            | 40                          | CCF-DPT0513-040.0-20201209 | 1 U   | 88      | 4     | 79    | 1 U       |
| DPT0533               | 12/16/2020 | 45                          | CCF-DPT0513-045.0-20201209 | 10 U  | 190     | 13    | 1000  | 10 U      |
|                       |            | 50                          | CCF-DPT0513-050.0-20201209 | 1 U   | 1 U     | 1 U   | 1     | 1 U       |
|                       |            | 10                          | CCF-DPT0533-010.0-20201216 | 750   | 580     | 64    | 95    | 10 U      |
|                       |            | 20                          | CCF-DPT0533-020.0-20201216 | 4     | 6       | 1 U   | 2     | 1 U       |
| DPT0534               | 12/07/2020 | 30                          | CCF-DPT0533-030.0-20201216 | 1 U   | 16      | 1 U   | 2     | 1 U       |
|                       |            | 40                          | CCF-DPT0533-040.0-20201216 | 3 U   | 74      | 3 U   | 17    | 3 U       |
|                       |            | 10                          | CCF-DPT0534-010.0-20201207 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
| DPT0553               | 7/24/2020  | 15                          | CCF-DPT0534-015.0-20201207 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 20                          | CCF-DPT0534-020.0-20201207 | 1 U   | 1 U     | 1 U   | 1 U   | 1 U       |
|                       |            | 52                          | CCF-DPT0553-052.0-20200724 | 200 U | 35500   | 200 U | 200 U | 200 U     |
|                       |            | 53                          | CCF-DPT0553-053.0-20200724 | 400 U | 69000   | 400 U | 400 U | 400 U     |
|                       |            | 54                          | CCF-DPT0553-054.0-20200724 | 400 U | 64800   | 400 U | 400 U | 400 U     |
|                       |            | 55                          | CCF-DPT0553-055.0-20200724 | 400 U | 49400   | 400 U | 400 U | 400 U     |
|                       |            | 56                          | CCF-DPT0553-056.0-20200724 | 400 U | 17200   | 400 U | 400 U | 400 U     |
|                       |            | 57                          | CCF-DPT0553-057.0-20200724 | 20 U  | 2500    | 20 U  | 20 U  | 20 U      |
| DPT0568               | 7/23/2020  | 58                          | CCF-DPT0553-058.0-20200724 | 10 U  | 680     | 10 U  | 10 U  | 10 U      |
|                       |            | 59                          | CCF-DPT0553-059.0-20200724 | 3 U   | 180     | 3 U   | 3 U   | 3 U       |
|                       |            | 60                          | CCF-DPT0553-060.0-20200724 | 3 U   | 35      | 3 U   | 3 U   | 3 U       |
|                       |            | 52                          | CCF-DPT0568-052.0-20200723 | 8700  | 7300    | 100 U | 100 U | 100 U     |
|                       |            | 53                          | CCF-DPT0568-053.0-20200723 | 18700 | 16000   | 100 U | 100 U | 100 U     |
|                       |            | 54                          | CCF-DPT0568-054.0-20200723 | 24000 | 17000   | 400 U | 400 U | 400 U     |
|                       |            | 55                          | CCF-DPT0568-055.0-20200723 | 46000 | 31000   | 400 U | 400 U | 400 U     |
|                       |            | 56                          | CCF-DPT0568-056.0-20200723 | 2200  | 30000   | 400 U | 400 U | 400 U     |
|                       |            | 57                          | CCF-DPT0568-057.0-20200723 | 400 U | 15000 J | 400 U | 400 U | 400 U     |
|                       |            | 58                          | CCF-DPT0568-058.0-20200723 | 1 U   | 6900    | 1 U   | 1 U   | 1 U       |
|                       |            | 59                          | CCF-DPT0568-059.0-20200723 | 40 U  | 4000    | 40 U  | 40 U  | 40 U      |
|                       |            | 60                          | CCF-DPT0568-060.0-20200723 | 3 U   | 720     | 7     | 5     | 3 U       |

Table 2-1  
Summary of DPT Analytical Results (continued)

| Location ID<br>(CCF-) | Date       | Sample<br>Depth<br>(ft bls) | Sample ID                  | TCE  | cDCE | tDCE | VC   | Freon-113 |
|-----------------------|------------|-----------------------------|----------------------------|------|------|------|------|-----------|
| DPT0569               | 7/24/2020  | 52                          | CCF-DPT0569-052.0-20200724 | 40 U | 2200 | 40 U | 40 U | 130       |
|                       |            | 53                          | CCF-DPT0569-053.0-20200724 | 40 U | 5900 | 40 U | 40 U | 40 U      |
|                       |            | 54                          | CCF-DPT0569-054.0-20200724 | 50 U | 7700 | 50 U | 50 U | 50 U      |
|                       |            | 55                          | CCF-DPT0569-055.0-20200724 | 40 U | 6100 | 40 U | 40 U | 40 U      |
|                       |            | 56                          | CCF-DPT0569-056.0-20200724 | 10 U | 1800 | 10 U | 10 U | 10 U      |
|                       |            | 57                          | CCF-DPT0569-057.0-20200724 | 10 U | 1200 | 10 U | 10 U | 10 U      |
|                       |            | 58                          | CCF-DPT0569-058.0-20200724 | 5 U  | 820  | 5 U  | 5 U  | 5 U       |
|                       |            | 59                          | CCF-DPT0569-059.0-20200724 | 3 U  | 340  | 3 U  | 3 U  | 3 U       |
| DPT0570               | 7/24/2020  | 60                          | CCF-DPT0569-060.0-20200724 | 3 U  | 190  | 3 U  | 3 U  | 3 U       |
|                       |            | 52                          | CCF-DPT0570-052.0-20200724 | 2100 | 140  | 20 U | 20 U | 20 U      |
|                       |            | 53                          | CCF-DPT0570-053.0-20200724 | 1800 | 300  | 20 U | 20 U | 20 U      |
|                       |            | 54                          | CCF-DPT0570-054.0-20200724 | 1900 | 440  | 20 U | 20 U | 20 U      |
|                       |            | 55                          | CCF-DPT0570-055.0-20200724 | 3400 | 1300 | 40 U | 40 U | 40 U      |
|                       |            | 56                          | CCF-DPT0570-056.0-20200724 | 1100 | 2800 | 20 U | 20 U | 20 U      |
|                       |            | 57                          | CCF-DPT0570-057.0-20200724 | 20 U | 1600 | 20 U | 20 U | 20 U      |
|                       |            | 58                          | CCF-DPT0570-058.0-20200724 | 3 U  | 679  | 3 U  | 11   | 3 U       |
| DPT0578               | 7/23/2020  | 59                          | CCF-DPT0570-059.0-20200724 | 10 U | 290  | 10 U | 10 U | 10 U      |
|                       |            | 60                          | CCF-DPT0570-060.0-20200724 | 10 U | 81   | 10 U | 10 U | 10 U      |
|                       |            | 10                          | CCF-DPT0578-010.0-20200723 | 20 U | 150  | 28   | 650  | 320       |
|                       |            | 20                          | CCF-DPT0578-020.0-20200722 | 10 U | 110  | 10 U | 910  | 10 U      |
| DPT0579               | 7/23/2020  | 30                          | CCF-DPT0578-030.0-20200722 | 20 U | 100  | 20 U | 120  | 20 U      |
|                       |            | 40                          | CCF-DPT0578-040.0-20200722 | 1 U  | 3    | 1 U  | 21   | 1 U       |
|                       |            | 10                          | CCF-DPT0579-010.0-20200723 | 1 U  | 30   | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0579-020.0-20200722 | 1 U  | 2    | 1 U  | 1 U  | 2         |
| DPT0580               | 7/23/2020  | 30                          | CCF-DPT0579-030.0-20200722 | 1 U  | 73   | 1 U  | 14   | 1 U       |
|                       |            | 40                          | CCF-DPT0579-040.0-20200722 | 1 U  | 5    | 1 U  | 1 U  | 1 U       |
|                       |            | 10                          | CCF-DPT0580-010.0-20200723 | 1 U  | 260  | 1 U  | 3    | 1 U       |
|                       |            | 20                          | CCF-DPT0580-020.0-20200723 | 40 U | 2000 | 40 U | 40 U | 40 U      |
| DPT0581               | 7/23/2020  | 30                          | CCF-DPT0580-030.0-20200723 | 5 U  | 18   | 5 U  | 230  | 5 U       |
|                       |            | 40                          | CCF-DPT0580-040.0-20200723 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 10                          | CCF-DPT0581-010.0-20200723 | 1 U  | 48   | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0581-020.0-20200723 | 1 U  | 11   | 1 U  | 1 U  | 1 U       |
| DPT0582               | 12/07/2020 | 30                          | CCF-DPT0581-030.0-20200723 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0581-040.0-20200723 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 10                          | CCF-DPT0582-010.0-20201207 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0582-020.0-20201207 | 2 U  | 2 U  | 2 U  | 2 U  | 130       |
| DPT0583               | 12/07/2020 | 30                          | CCF-DPT0582-030.0-20201207 | 20 U | 20 U | 20 U | 20 U | 4900      |
|                       |            | 10                          | CCF-DPT0583-010.0-20201207 | 2 U  | 2 U  | 2 U  | 2 U  | 190       |
|                       |            | 20                          | CCF-DPT0583-020.0-20201207 | 1 U  | 1 U  | 1 U  | 1 U  | 2         |
|                       |            | 30                          | CCF-DPT0583-030.0-20201207 | 7    | 4    | 1 U  | 1 U  | 1 U       |
| DPT0584               | 12/07/2020 | 10                          | CCF-DPT0584-010.0-20201207 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0584-020.0-20201207 | 1 U  | 1    | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0584-030.0-20201207 | 1 U  | 13   | 2    | 1 U  | 1 U       |
| DPT0585               | 12/08/2020 | 10                          | CCF-DPT0585-010.0-20201208 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0585-020.0-20201208 | 1 U  | 1 U  | 7    | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0585-030.0-20201208 | 1 U  | 7    | 1 U  | 1    | 1 U       |
|                       |            | 40                          | CCF-DPT0585-040.0-20201208 | 1 U  | 2    | 1 U  | 1 U  | 1 U       |
| DPT0586               | 12/08/2020 | 10                          | CCF-DPT0586-010.0-20201208 | 1 U  | 14   | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0586-020.0-20201208 | 1 U  | 20   | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0586-030.0-20201208 | 1 U  | 7    | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0586-040.0-20201208 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0587               | 12/08/2020 | 10                          | CCF-DPT0587-010.0-20201208 | 2    | 130  | 1 U  | 30   | 1 U       |
|                       |            | 20                          | CCF-DPT0587-020.0-20201208 | 5 U  | 49   | 5 U  | 350  | 5 U       |
|                       |            | 30                          | CCF-DPT0587-030.0-20201208 | 3 U  | 100  | 3 U  | 46   | 3 U       |
|                       |            | 40                          | CCF-DPT0587-040.0-20201208 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0588               | 12/08/2020 | 10                          | CCF-DPT0588-010.0-20201208 | 5 U  | 290  | 5 U  | 340  | 5 U       |
|                       |            | 20                          | CCF-DPT0588-020.0-20201208 | 57   | 450  | 4    | 250  | 2 U       |
|                       |            | 30                          | CCF-DPT0588-030.0-20201208 | 3 U  | 390  | 8    | 300  | 3 U       |
|                       |            | 40                          | CCF-DPT0588-040.0-20201208 | 5 U  | 860  | 9    | 160  | 5 U       |
|                       |            | 45                          | CCF-DPT0588-045.0-20201208 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0589               | 12/09/2020 | 10                          | CCF-DPT0589-010.0-20201209 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0589-020.0-20201209 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0589-030.0-20201209 | 1 U  | 1    | 1 U  | 5    | 1 U       |
|                       |            | 40                          | CCF-DPT0589-040.0-20201210 | 2    | 3    | 1 U  | 1 U  | 1 U       |
|                       |            | 45                          | CCF-DPT0589-045.0-20201210 | 1 U  | 1    | 1 U  | 1 U  | 1 U       |
|                       |            | 50                          | CCF-DPT0589-050.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |

Table 2-1  
Summary of DPT Analytical Results (continued)

| Location ID<br>(CCF-) | Date       | Sample<br>Depth<br>(ft bls) | Sample ID                  | TCE  | cDCE | tDCE | VC   | Freon-113 |
|-----------------------|------------|-----------------------------|----------------------------|------|------|------|------|-----------|
| DPT0590               | 12/10/2020 | 10                          | CCF-DPT0590-010.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0590-020.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0590-030.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0590-040.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 45                          | CCF-DPT0590-045.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 50                          | CCF-DPT0590-050.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0591               | 12/10/2020 | 10                          | CCF-DPT0591-010.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0591-020.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0591-030.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0591-040.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 45                          | CCF-DPT0591-045.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 50                          | CCF-DPT0591-050.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0592               | 12/10/2020 | 15                          | CCF-DPT0592-015.0-20201210 | 1 U  | 1 U  | 1 U  | 4    | 1 U       |
|                       |            | 20                          | CCF-DPT0592-020.0-20201210 | 10 U | 61   | 56   | 3000 | 10 U      |
|                       |            | 25                          | CCF-DPT0592-025.0-20201210 | 3 U  | 3 U  | 29   | 200  | 3 U       |
|                       |            | 30                          | CCF-DPT0592-030.0-20201210 | 1 U  | 2    | 10   | 76   | 1 U       |
|                       |            | 35                          | CCF-DPT0592-035.0-20201210 | 2 U  | 2 U  | 7    | 150  | 2 U       |
|                       |            | 40                          | CCF-DPT0592-040.0-20201210 | 2 U  | 2 U  | 2 U  | 58   | 5         |
|                       |            | 45                          | CCF-DPT0592-045.0-20201210 | 2 U  | 2 U  | 3    | 280  | 2 U       |
|                       |            | 50                          | CCF-DPT0592-050.0-20201210 | 1 U  | 1 U  | 1 U  | 47   | 1 U       |
| DPT0593               | 12/10/2020 | 10                          | CCF-DPT0593-010.0-20201210 | 1 U  | 3    | 1 U  | 1    | 1 U       |
|                       |            | 20                          | CCF-DPT0593-020.0-20201210 | 2 U  | 29   | 5    | 440  | 2 U       |
|                       |            | 30                          | CCF-DPT0593-030.0-20201210 | 1 U  | 75   | 5    | 120  | 1 U       |
|                       |            | 40                          | CCF-DPT0593-040.0-20201210 | 1 U  | 1 U  | 1 U  | 2    | 1 U       |
|                       |            | 45                          | CCF-DPT0593-045.0-20201210 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0594               | 12/11/2020 | 10                          | CCF-DPT0594-010.0-20201211 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0594-020.0-20201211 | 1 U  | 5    | 1 U  | 71   | 1 U       |
|                       |            | 30                          | CCF-DPT0594-030.0-20201211 | 1 U  | 13   | 3    | 62   | 1 U       |
|                       |            | 40                          | CCF-DPT0594-040.0-20201211 | 1 U  | 1    | 1 U  | 3    | 1 U       |
|                       |            | 45                          | CCF-DPT0594-045.0-20201211 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0595               | 12/11/2020 | 10                          | CCF-DPT0595-010.0-20201211 | 1 U  | 8    | 1 U  | 8    | 1 U       |
|                       |            | 20                          | CCF-DPT0595-020.0-20201211 | 3 U  | 50   | 4    | 400  | 3 U       |
|                       |            | 30                          | CCF-DPT0595-030.0-20201211 | 5 U  | 230  | 13   | 760  | 5 U       |
|                       |            | 35                          | CCF-DPT0595-035.0-20201211 | 10 U | 260  | 37   | 2800 | 10 U      |
|                       |            | 40                          | CCF-DPT0595-040.0-20201211 | 10 U | 230  | 19   | 2000 | 10 U      |
|                       |            | 45                          | CCF-DPT0595-045.0-20201211 | 10 U | 1400 | 34   | 2200 | 10 U      |
|                       |            | 50                          | CCF-DPT0595-050.0-20201211 | 1 U  | 1 U  | 1 U  | 1    | 1 U       |
| DPT0596               | 12/11/2020 | 10                          | CCF-DPT0596-010.0-20201211 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0596-020.0-20201211 | 3 U  | 22   | 110  | 3 U  | 3 U       |
|                       |            | 30                          | CCF-DPT0596-030.0-20201211 | 5    | 15   | 2    | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0596-040.0-20201211 | 1 U  | 10   | 26   | 1 U  | 1 U       |
| DPT0597               | 12/11/2020 | 10                          | CCF-DPT0597-010.0-20201211 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 20                          | CCF-DPT0597-020.0-20201211 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0597-030.0-20201211 | 1 U  | 1    | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0597-040.0-20201211 | 1 U  | 4    | 1 U  | 1 U  | 1 U       |
| DPT0598               | 12/14/2020 | 25                          | CCF-DPT0598-025.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0598-030.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 35                          | CCF-DPT0598-035.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0598-040.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0599               | 12/14/2020 | 25                          | CCF-DPT0599-025.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0599-030.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 35                          | CCF-DPT0599-035.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0599-040.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0600               | 12/14/2020 | 25                          | CCF-DPT0600-025.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 30                          | CCF-DPT0600-030.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 35                          | CCF-DPT0600-035.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
|                       |            | 40                          | CCF-DPT0600-040.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0601               | 12/14/2020 | 30                          | CCF-DPT0601-030.0-20201214 | 1 U  | 1 U  | 1 U  | 25   | 1 U       |
|                       |            | 35                          | CCF-DPT0601-035.0-20201214 | 1 U  | 1 U  | 1 U  | 26   | 1 U       |
|                       |            | 40                          | CCF-DPT0601-040.0-20201214 | 1 U  | 2    | 1 U  | 14   | 1 U       |
|                       |            | 45                          | CCF-DPT0601-045.0-20201214 | 1 U  | 4    | 1 U  | 38   | 1 U       |
|                       |            | 50                          | CCF-DPT0601-050.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |
| DPT0602               | 12/14/2020 | 10                          | CCF-DPT0602-010.0-20201214 | 1 U  | 1 U  | 1 U  | 3    | 1 U       |
|                       |            | 20                          | CCF-DPT0602-020.0-20201214 | 1 U  | 12   | 1 U  | 20   | 1 U       |
|                       |            | 30                          | CCF-DPT0602-030.0-20201214 | 10 U | 25   | 10 U | 640  | 10 U      |
|                       |            | 40                          | CCF-DPT0602-040.0-20201214 | 1 U  | 5    | 1 U  | 110  | 1 U       |
|                       |            | 45                          | CCF-DPT0602-045.0-20201214 | 1 U  | 1 U  | 1 U  | 1 U  | 1 U       |

Table 2-1  
Summary of DPT Analytical Results (continued)

| Location ID<br>(CCF-) | Date       | Sample<br>Depth<br>(ft bls) | Sample ID                  | TCE | cDCE | tDCE | VC  | Freon-113 |
|-----------------------|------------|-----------------------------|----------------------------|-----|------|------|-----|-----------|
| DPT0603               | 12/14/2020 | 10                          | CCF-DPT0603-010.0-20201214 | 1 U | 49   | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0603-020.0-20201214 | 1 U | 170  | 1 U  | 1   | 1 U       |
|                       |            | 30                          | CCF-DPT0603-030.0-20201214 | 1 U | 31   | 1 U  | 57  | 1 U       |
|                       |            | 40                          | CCF-DPT0603-040.0-20201215 | 1 U | 3    | 1 U  | 1   | 1 U       |
| DPT0604               | 12/15/2020 | 10                          | CCF-DPT0604-010.0-20201215 | 1 U | 18   | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0604-020.0-20201215 | 1 U | 2    | 1 U  | 1 U | 1 U       |
|                       |            | 30                          | CCF-DPT0604-030.0-20201215 | 1 U | 4    | 1 U  | 1 U | 1 U       |
|                       |            | 40                          | CCF-DPT0604-040.0-20201215 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
| DPT0605               | 12/15/2020 | 30                          | CCF-DPT0605-030.0-20201215 | 1 U | 2    | 14   | 24  | 1 U       |
|                       |            | 35                          | CCF-DPT0605-035.0-20201215 | 1 U | 1    | 1    | 2   | 1 U       |
|                       |            | 40                          | CCF-DPT0605-040.0-20201215 | 1 U | 2    | 1 U  | 1   | 1 U       |
|                       |            | 45                          | CCF-DPT0605-045.0-20201215 | 1 U | 1    | 1 U  | 2   | 1 U       |
| DPT0606               | 12/15/2020 | 30                          | CCF-DPT0606-030.0-20201215 | 1 U | 8    | 3    | 5   | 1 U       |
|                       |            | 35                          | CCF-DPT0606-035.0-20201215 | 1 U | 6    | 1    | 3   | 1 U       |
|                       |            | 40                          | CCF-DPT0606-040.0-20201215 | 1 U | 5    | 3    | 160 | 1 U       |
|                       |            | 45                          | CCF-DPT0606-045.0-20201215 | 1 U | 2    | 1 U  | 6   | 1 U       |
| DPT0607               | 12/15/2020 | 30                          | CCF-DPT0607-030.0-20201215 | 1 U | 7    | 2    | 3   | 1 U       |
|                       |            | 35                          | CCF-DPT0607-035.0-20201215 | 2   | 39   | 2    | 7   | 1 U       |
|                       |            | 40                          | CCF-DPT0607-040.0-20201215 | 1 U | 3    | 2    | 16  | 1 U       |
|                       |            | 45                          | CCF-DPT0607-045.0-20201215 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
| DPT0608               | 12/15/2020 | 20                          | CCF-DPT0608-020.0-20201215 | 8   | 300  | 4    | 3 U | 3 U       |
|                       |            | 30                          | CCF-DPT0608-030.0-20201215 | 4   | 210  | 3    | 28  | 2 U       |
|                       |            | 40                          | CCF-DPT0608-040.0-20201215 | 3   | 58   | 1 U  | 18  | 1 U       |
|                       |            | 50                          | CCF-DPT0608-050.0-20201215 | 3   | 42   | 1 U  | 16  | 1 U       |
| DPT0609               | 12/16/2020 | 10                          | CCF-DPT0609-010.0-20201216 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0609-020.0-20201216 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
|                       |            | 30                          | CCF-DPT0609-030.0-20201216 | 3 U | 5    | 3 U  | 3 U | 3900      |
|                       |            | 40                          | CCF-DPT0609-040.0-20201216 | 1 U | 2    | 1 U  | 4   | 1 U       |
| DPT0610               | 12/16/2020 | 10                          | CCF-DPT0610-010.0-20201216 | 150 | 11   | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0610-020.0-20201216 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
|                       |            | 30                          | CCF-DPT0610-030.0-20201216 | 2 U | 28   | 2 U  | 2 U | 2 U       |
|                       |            | 40                          | CCF-DPT0610-040.0-20201216 | 7   | 100  | 2 U  | 5   | 2 U       |
| DPT0611               | 12/16/2020 | 10                          | CCF-DPT0611-010.0-20201216 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0611-020.0-20201216 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
|                       |            | 30                          | CCF-DPT0611-030.0-20201216 | 1 U | 22   | 1 U  | 4   | 1 U       |
|                       |            | 40                          | CCF-DPT0611-040.0-20201216 | 2   | 48   | 2    | 11  | 1 U       |
| DPT0612               | 12/16/2020 | 10                          | CCF-DPT0612-010.0-20201216 | 1 U | 4    | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0612-020.0-20201216 | 1 U | 1 U  | 1 U  | 1 U | 1 U       |
|                       |            | 30                          | CCF-DPT0612-030.0-20201216 | 1 U | 9    | 1 U  | 2   | 1 U       |
|                       |            | 40                          | CCF-DPT0612-040.0-20201216 | 3 U | 37   | 3    | 22  | 3 U       |
| DPT0613               | 12/16/2020 | 10                          | CCF-DPT0613-010.0-20201216 | 1 U | 3    | 1 U  | 1 U | 1 U       |
|                       |            | 20                          | CCF-DPT0613-020.0-20201216 | 53  | 200  | 5    | 29  | 2 U       |
|                       |            | 30                          | CCF-DPT0613-030.0-20201216 | 11  | 210  | 6    | 15  | 2 U       |
|                       |            | 40                          | CCF-DPT0613-040.0-20201216 | 1 U | 2    | 2    | 84  | 1 U       |
| DPT0614               | 12/16/2020 | 20                          | CCF-DPT0614-020.0-20201216 | 4   | 450  | 18   | 8   | 3 U       |
|                       |            | 30                          | CCF-DPT0614-030.0-20201216 | 4   | 35   | 1 U  | 4   | 1 U       |
|                       |            | 40                          | CCF-DPT0614-040.0-20201216 | 1 U | 5    | 1 U  | 6   | 1 U       |
|                       |            | 50                          | CCF-DPT0614-050.0-20201216 | 1 U |      |      |     |           |

CCF - Components Cleaning Facility

Bold - Analyte detected.

Shading - Sample result greater than or equal to GCTL: TCE = 3 µg/L, cDCE = 70 µg/L, tDCE = 100 µg/L, VC = 1 µg/L, Freon 113 = 210,000 µg/L

GCTL - Groundwater Cleanup Target Level

J - Estimated Value

U - Indicates the compound was analyzed for but not detected

TCE - Trichloroethene

cDCE - cis-1,2-Dichloroethene

tDCE - trans-1,2-Dichloroethene

VC - Vinyl chloride

## **SECTION III**

### **INTERIM MEASURE SUMMARY**

#### **3.1 INTERIM MEASURE OBJECTIVES**

The objective of the CCF East IM is to reduce VOC concentrations within the HCP to facilitate transition of the site into MNA through an LTM program. The overall Corrective Action Objective for CCF East is to reduce concentrations of VOCs present in groundwater to levels below their respective GCTLs. Based on treatment performance of the IM, AS operations may be modified, as appropriate, to achieve the IM objective.

#### **3.2 TECHNICAL APPROACH SUMMARY**

**3.2.1 Technology Overview.** Compressed air will be injected into the subsurface via a mechanical process system, conveyance network, and AS well network. The compressed air will be injected using a diffuser to provide a fine bubble matrix to volatilize COCs into a gaseous form. As a secondary treatment mechanism, AS application will increase the dissolved oxygen content of groundwater, promoting aerobic COC biodegradation.

SVE will not be required for the AS IM for two reasons: (1) The location of the treatment area is not near occupied surface structures or site personnel; and (2) calculated air emissions are less than permitting limits (see Section 4.1.7).

**3.2.2 AS System.** A total of 85 AS wells and three “test” AS wells will be installed within the HCP at specific locations and depths. The “test” AS wells will be installed to a total depth of 61 feet bls to determine if sparging is feasible within the retarding unit. The other AS wells will be installed above the retarding units at various depths of 15, 25, 35, 45, and 50 feet bls. The final depths will be confirmed or adjusted based on lithologic classification from 10-foot soil cores collected at the bottom of each AS well boring. The proposed AS well layout was designed with different radii of influence (ROI), 7.5 or 20 feet, based upon the type of lithology within the proposed screen interval (e.g., lower ROIs for less permeable soils and larger ROIs for more permeable soils). The AS well layout is shown in Figure A-9 and the AS zones along with the ROIs are shown in Figure A-10.

Each AS well group will be supplied with compressed air from an AS system located at Converter Compressor Building (CCB), Building K7-468. It is planned to relocate the sparge trailer from Launch Complex 39A to be used for this IM. Compressed air will be supplied through two new conveyance header lines that will connect to existing header lines from the previous system. The two header lines will cross Fluid Servicing Road via an existing utility trench that will prevent unnecessary disturbance to the surrounding features, including the railroad. The header piping will run west and aboveground along the northern side of the concrete wall (south side of the railroad tracks).

The header pipes will be split at a tee to supply air to the northern and southern treatment areas. Two distribution manifold cabinets and a manifold trailer will be used for compressed air distribution to the individual AS wells. Two distribution manifolds will be located in the treatment area north of Converter Compressor Road and the manifold trailer will be located in the treatment area south of the road. Piping south of the ditch and railroad will be installed aboveground to prevent boring beneath the railway and concrete slabs. Piping that runs north of the ditch will be installed underground because of the vicinity of Converter Compressor Road. The two manifold cabinets and manifold trailer will control flow distribution from each header to individual 1-inch lateral lines, which will supply compressed air to the AS wellheads.

A road, ditch, and railroad tracks are present through the middle of CCF East located within the HCP treatment area. As a result, 29 of the AS wells will be installed via angled drilling to place the AS screens beneath these features. Additionally, a conduit will be installed via horizontal drilling underneath Converter Compressor Road to run piping to the north side of the road. Once the conduit is installed, two 2-inch inside diameter (I.D.) high-density polyethylene (HDPE) header pipes will be inserted to supply air to two distribution manifold cabinets installed on the north side of Converter Compressor Road. Header and lateral lines will also be installed to cross the railway to treat the area north of the tracks. These lines will be installed aboveground across the tracks and is further discussed in Section 6.2.

The following is a technical description of the compressed air delivery system within the sparge trailer. Compressed air will be supplied via a 50-horsepower (HP) rotary screw air



compressor equipped with a variable-speed drive (VSD) and capable of 260 cubic feet per minute (cfm) at 102 pounds per square inch gauge (psig). The compressor motor is totally enclosed, fan cooled, and premium efficiency rated. A moisture separator is installed following the compressor for primary removal of condensate and potential carryover oil, and an integrated refrigerated air dryer then reduces the dew point of the air stream to prevent downstream condensate accumulation in the process system and distribution piping. Temperature and dew point sensors and transmitters are installed following the air dryer. The dew point sensor is interlocked into the air dryer to control motor speed and cycling to maintain a target dew point of 50 degrees Fahrenheit (°F). Following the dryer, compressed air enters a receiver tank. The outlet pressure of the receiver tank is regulated via modulation of the air compressor VSD to maintain a tank outlet pressure of 90 psig. The receiver tank includes an auto-drain, temperature gauge, and pressure gauges at the tank. A pressure sensor, solenoid valve, and pressure regulator are installed at the outlet of the tank for system pressure control. Following the receiver tank, remaining carryover oil present in the air stream is removed via a series of oil coalescing and activated carbon filters. The fluids from the oil coalescing and vapor filters drain to the condensate treatment system. Condensate from the separator, receiver tank, and air dryer are manifolded to one line and treated via a condensate treatment unit containing an oil/water separator and filter. Treated condensate discharges under gravity outside the AS system trailer. Oil accumulated in the separator is staged in a container for manual removal and management; a high-level switch in the container prevents overfilling. The compressed air is distributed to up to 10 manifold legs available to sparge separate AS zones. Each distribution manifold leg has a pressure regulator, gate valve, check valve, solenoid valve, flow sensor and transmitter, and pressure sensor and transmitter. Pressure regulators at the two designated manifold legs that will be used for this IM will be set to the pressures identified in Section VII. The manifold legs extend to the exterior of the system and stub-down with a 1.5-inch male National Pipe Thread (NPT)-threaded termination for connection to header distribution piping. Equipment specifications and cut sheets are included in Appendix E.

No electrical service installation is anticipated for this IM as the existing setup for an AS trailer will be utilized. Further details of AS construction, layout, and operation are provided in Sections VI and VII.

**3.2.3 Performance Monitoring.** To evaluate the overall effectiveness of the CCF East AS system, a total of 25 monitoring wells consisting of 15 existing and 10 new monitoring wells will be sampled for VOC analysis. Geochemical parameters will also be collected from each monitoring well to determine if aquifer conditions are optimal for aerobic degradation. Additionally, three surface water samples will be collected at different locations within the northern ditch. Performance monitoring wells and surface water locations will be sampled during the baseline sampling event and quarterly during the first year of operation. Baseline and performance monitoring data sets will be provided as part of the Performance Monitoring Report. All samples collected will be analyzed by a fixed-based laboratory for VOCs using USEPA Method SW8260B. Groundwater monitoring will be performed in accordance with Section 5.2.1.2 of the KSC Sampling and Analysis Plan (SAP) for the RCRA Corrective Action Program (NASA, 2017b), and FDEP field and laboratory Standard Operating Procedures (SOPs) which are incorporated into the KSC SAP.

During the startup phase, two summa canister air samples using an 8-hour time-weighted average will be collected during baseline activities (pre-startup), first week, and fourth week of operation. The results will determine if air sampling will continue with the quarterly performance sampling. In addition, during O&M activities, air monitoring of the source areas and breathing zone will be performed using a PID as specified in Section 2.14 of the SSHASP (Tetra Tech, 2020). If sustained PID readings are observed in the breathing zone above the action level, Draeger Chips will be used to confirm the presence of vinyl chloride. The SSHASP will be followed for any corrective action if the presence of vinyl chloride is confirmed. Air samples will also be collected if exceedances of the action levels are observed. Samples will be collected via summa canisters with regulators capable of 8-hour time weighted average (TWA) sampling and will be analyzed for VOC analysis (Method TO-15).

### **3.3 DESIGN MODIFICATIONS**

The HCP Reassessment and IMWP was presented the KSCRT in 2018 and served as the basis for the overall design of this IWP. Based on the supplemental investigations conducted in 2020 and 2021, modifications were made to the original IM design. The revised IM design was presented during the September 2021 KSCRT meeting and the IWP received concurrence from the Team. The KSCRT Meeting Minutes from the September 2021 meeting are provided in Appendix D. Modifications to the IM have been incorporated into this IWP. This section will be updated if such modifications, with the approval of NASA, occur. Revised design calculations and assumptions are provided in Appendix F. The major modifications to the IM include:

- Based on the results of the supplemental DPT investigation, the AS treatment footprint was expanded to treat the revised HCP.
- Three “test” AS wells were added to evaluate the feasibility of AS in the retarding unit.
- The number of header conveyance lines was reduced to two lines which will supply two treatment depth zones.
- Two distribution manifolds and one manifold trailer will be utilized instead of the four manifolds specified in the IMWP.
- The number of performance monitoring wells was changed to 10 new wells (nine wells at former DPT locations and one at a new location) and 15 existing wells to be sampled along with three surface water sample locations.

**Table 3-1. Monitoring Well Construction Details**

| Well ID<br>(CCF-) | Co-Located<br>DPT ID | Well<br>Diameter<br>(inch) | Screen Type     | Boring<br>Length<br>(feet) | Coordinates          |                     |
|-------------------|----------------------|----------------------------|-----------------|----------------------------|----------------------|---------------------|
|                   |                      |                            |                 |                            | Northing<br>(meters) | Easting<br>(meters) |
| MW-A              | DPT0590              | 1                          | 0.010-inch slot | 50                         | 471681.40            | 235231.76           |
| MW-B              | DPT0524              | 1                          | 0.010-inch slot | 20                         | 471674.26            | 235266.37           |
| MW-C              | DPT0524              | 1                          | 0.010-inch slot | 30                         | 471674.26            | 235266.37           |
| MW-D              | DPT0544              | 1                          | 0.010-inch slot | 35                         | 471733.23            | 235272.72           |
| MW-E              | DPT0595              | 1                          | 0.010-inch slot | 50                         | 471696.96            | 235319.73           |
| MW-F              | DPT0502              | 1                          | 0.010-inch slot | 40                         | 471684.77            | 235345.15           |
| MW-G              | DPT0504              | 1                          | 0.010-inch slot | 40                         | 471685.05            | 235370.03           |
| MW-H              | A                    | 1                          | 0.010-inch slot | 20                         | 471717.83            | 235381.49           |
| MW-I              | DPT0580              | 1                          | 0.010-inch slot | 20                         | 471709.81            | 235397.48           |
| MW-J              | DPT0578              | 1                          | 0.010-inch slot | 20                         | 471696.85            | 235402.28           |

Coordinates are given in NAD 1983 SPCS Zone Florida East (Meters)

Monitoring wells IDs will be assigned during installation

MW-H is not co-located with a DPT location; refer to Figure A-11 for location "A"

ID - Identification

MW - Monitoring Well.

NAD - North American Datum.

**Table 3-2. Air Sparge Well Construction Details**

| <b>Well ID<br/>(CCF-AS-)</b> | <b>AS Depth<br/>Group</b> | <b>System<br/>Manifold<br/>Zone</b> | <b>Estimated<br/>Radius of<br/>Influence<br/>(feet)</b> | <b>Well<br/>Diameter<br/>(inch)</b> | <b>Screened<br/>Interval<br/>(feet bls)</b> | <b>Screen Type</b>   | <b>Angled<br/>Boring</b> | <b>Boring<br/>Angle<br/>(degrees)</b> | <b>Boring<br/>Length<br/>(Feet)</b> | <b>Easting<br/>(meters)</b> | <b>Northing<br/>(meters)</b> |
|------------------------------|---------------------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------|----------------------|--------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------|
| 01                           | S                         | 1                                   | 20                                                      | 1                                   | 13 - 15                                     | 40 micron Schumasoil | No                       | 90                                    | 15                                  | 235423.00                   | 471654.39                    |
| 02                           | S                         | 1                                   | 20                                                      | 1                                   | 13 - 15                                     | 40 micron Schumasoil | No                       | 90                                    | 15                                  | 235432.74                   | 471658.74                    |
| 03                           | S                         | 1                                   | 20                                                      | 1                                   | 13 - 15                                     | 40 micron Schumasoil | No                       | 90                                    | 15                                  | 235385.20                   | 471647.58                    |
| 04                           | S                         | 1                                   | 20                                                      | 1                                   | 13 - 15                                     | 40 micron Schumasoil | No                       | 90                                    | 15                                  | 235394.95                   | 471652.00                    |
| 05                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235404.69                   | 471656.36                    |
| 06                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235414.43                   | 471660.72                    |
| 07                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235424.16                   | 471665.07                    |
| 08                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | No                       | 90                                    | 25                                  | 235386.31                   | 471658.25                    |
| 09                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235396.05                   | 471662.61                    |
| 10                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45                                  | 235405.78                   | 471666.97                    |
| 11                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235415.52                   | 471671.33                    |
| 12                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235425.24                   | 471675.68                    |
| 13                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | No                       | 90                                    | 25                                  | 235388.33                   | 471666.01                    |
| 14                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50                                  | 235397.14                   | 471673.22                    |
| 15                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50                                  | 235406.88                   | 471677.58                    |
| 16                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | Yes                      | 56                                    | 54                                  | 235335.92                   | 471653.09                    |
| 17                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | Yes                      | 56                                    | 54                                  | 235345.66                   | 471657.45                    |
| 18                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 59                                    | 58                                  | 235355.29                   | 471661.46                    |
| 19                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50                                  | 235360.04                   | 471663.82                    |
| 20                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 59                                    | 58                                  | 235365.03                   | 471665.81                    |
| 21                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50                                  | 235369.94                   | 471667.94                    |
| 22                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 59                                    | 58                                  | 235374.76                   | 471670.17                    |
| 23                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35                                  | 235379.68                   | 471672.29                    |
| 24                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | Yes                      | 49                                    | 46                                  | 235384.50                   | 471674.53                    |
| 25                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 80                                    | 51                                  | 235399.36                   | 471681.31                    |
| 26                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | Yes                      | 44                                    | 50                                  | 235402.10                   | 471682.53                    |
| 27                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 80                                    | 50.8                                | 235409.09                   | 471685.67                    |
| 28                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | Yes                      | 44                                    | 50.3                                | 235411.83                   | 471686.89                    |
| 29                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235314.75                   | 471660.69                    |
| 30                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235324.49                   | 471665.05                    |
| 31                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235334.22                   | 471669.41                    |

**Table 3-2. Air Sparge Well Construction Details (continued)**

| <b>Well ID<br/>(CCF-AS-)</b> | <b>AS Depth<br/>Group</b> | <b>System<br/>Manifold<br/>Zone</b> | <b>Estimated<br/>Radius of<br/>Influence<br/>(feet)</b> | <b>Well<br/>Diameter<br/>(inch)</b> | <b>Screened<br/>Interval<br/>(feet bls)</b> | <b>Screen Type</b>   | <b>Angled<br/>Boring</b> | <b>Boring<br/>Angle<br/>(degrees)</b> | <b>Boring<br/>Length<br/>(Feet)</b> | <b>Easting<br/>(meters)</b> | <b>Northing<br/>(meters)</b> |
|------------------------------|---------------------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------|----------------------|--------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------|
| 32                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235343.96                   | 471673.76                    |
| 33                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235353.70                   | 471678.12                    |
| 34                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235363.44                   | 471682.48                    |
| 35                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 81                                    | 50.7                                | 235373.17                   | 471686.84                    |
| 36                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | Yes                      | 73                                    | 52.3                                | 235390.90                   | 471694.56                    |
| 37                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | Yes                      | 66                                    | 38.2                                | 235400.64                   | 471698.90                    |
| 38                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 72                                    | 52.6                                | 235303.01                   | 471673.84                    |
| 39                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 72                                    | 52.6                                | 235312.75                   | 471678.20                    |
| 40                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 72                                    | 52.6                                | 235322.49                   | 471682.56                    |
| 41                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 72                                    | 52.6                                | 235332.23                   | 471686.92                    |
| 42                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | Yes                      | 72                                    | 52.6                                | 235341.96                   | 471691.27                    |
| 43                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | Yes                      | 70                                    | 47.9                                | 235351.70                   | 471695.63                    |
| 44                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | Yes                      | 70                                    | 47.9                                | 235361.44                   | 471699.99                    |
| 45                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | Yes                      | 79                                    | 51.0                                | 235379.10                   | 471707.85                    |
| 46                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | Yes                      | 74                                    | 36.3                                | 235388.84                   | 471712.20                    |
| 47                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | Yes                      | 74                                    | 36.3                                | 235398.58                   | 471716.56                    |
| 48                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235286.69                   | 471671.16                    |
| 49                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235296.42                   | 471675.52                    |
| 50                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235306.16                   | 471679.88                    |
| 51                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235315.90                   | 471684.23                    |
| 52                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235325.63                   | 471688.59                    |
| 53                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235335.37                   | 471692.95                    |
| 54                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45.0                                | 235345.11                   | 471697.31                    |
| 55                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45.0                                | 235354.85                   | 471701.67                    |
| 56                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235278.04                   | 471677.41                    |
| 57                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235287.78                   | 471681.77                    |
| 58                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235297.52                   | 471686.13                    |
| 59                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235307.25                   | 471690.49                    |
| 60                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235316.99                   | 471694.85                    |
| 61                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235326.73                   | 471699.20                    |
| 62                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45.0                                | 235336.47                   | 471703.56                    |

**Table 3-2. Air Sparge Well Construction Details (continued)**

| <b>Well ID<br/>(CCF-AS-)</b> | <b>AS Depth<br/>Group</b> | <b>System<br/>Manifold<br/>Zone</b> | <b>Estimated<br/>Radius of<br/>Influence<br/>(feet)</b> | <b>Well<br/>Diameter<br/>(inch)</b> | <b>Screened<br/>Interval<br/>(feet bls)</b> | <b>Screen Type</b>   | <b>Angled<br/>Boring</b> | <b>Boring<br/>Angle<br/>(degrees)</b> | <b>Boring<br/>Length<br/>(Feet)</b> | <b>Easting<br/>(meters)</b> | <b>Northing<br/>(meters)</b> |
|------------------------------|---------------------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------|----------------------|--------------------------|---------------------------------------|-------------------------------------|-----------------------------|------------------------------|
| 63                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45.0                                | 235346.20                   | 471707.92                    |
| 64                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | No                       | 90                                    | 25.0                                | 235269.40                   | 471683.67                    |
| 65                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235279.14                   | 471688.02                    |
| 66                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235288.87                   | 471692.38                    |
| 67                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235298.61                   | 471696.74                    |
| 68                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235308.35                   | 471701.10                    |
| 69                           | DD                        | 2                                   | 20                                                      | 1                                   | 48 - 50                                     | 40 micron Schumasoil | No                       | 90                                    | 50.0                                | 235318.09                   | 471705.46                    |
| 70                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45.0                                | 235327.82                   | 471709.81                    |
| 71                           | D                         | 1                                   | 20                                                      | 1                                   | 43 - 45                                     | 40 micron Schumasoil | No                       | 90                                    | 45.0                                | 235337.56                   | 471714.17                    |
| 72                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235347.30                   | 471718.53                    |
| 73                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | No                       | 90                                    | 25.0                                | 235270.49                   | 471694.28                    |
| 74                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235280.23                   | 471698.64                    |
| 75                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235289.97                   | 471702.99                    |
| 76                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235299.71                   | 471707.35                    |
| 77                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235309.44                   | 471711.71                    |
| 78                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235319.18                   | 471716.07                    |
| 79                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235328.92                   | 471720.43                    |
| 80                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235338.77                   | 471724.76                    |
| 81                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | No                       | 90                                    | 25.0                                | 235271.59                   | 471704.89                    |
| 82                           | SI                        | 1                                   | 20                                                      | 1                                   | 23 - 25                                     | 40 micron Schumasoil | No                       | 90                                    | 25.0                                | 235281.33                   | 471709.25                    |
| 83                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235291.06                   | 471713.61                    |
| 84                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235310.65                   | 471722.29                    |
| 85                           | I                         | 1                                   | 20                                                      | 1                                   | 33 - 35                                     | 40 micron Schumasoil | No                       | 90                                    | 35.0                                | 235320.39                   | 471726.65                    |
| A                            | DDD                       | 2                                   | 7.5                                                     | 1                                   | 59 - 61                                     | 40 micron Schumasoil | No                       | 90                                    | 61.0                                | 235404.76                   | 471678.03                    |
| B                            | DDD                       | 2                                   | 7.5                                                     | 1                                   | 59 - 61                                     | 40 micron Schumasoil | No                       | 90                                    | 61.0                                | 235407.81                   | 471678.03                    |
| C                            | DDD                       | 2                                   | 7.5                                                     | 1                                   | 59 - 61                                     | 40 micron Schumasoil | No                       | 90                                    | 61.0                                | 235406.28                   | 471681.07                    |

## **SECTION IV**

### **PERMITTING REQUIREMENTS AND SITE PREPARATION**

This section identifies the permitting requirements and necessary site preparations for IM implementation. This section will be updated by adding permits and authorizations to Appendix G as they are received.

The following will be completed prior to mobilization:

- Submittal of applications for access and identification badges;
- Submittal of required permits;
- Coordination of site activities through the NASA Remediation Project Manager (RPM); and
- Scheduling of utility location and clearances.

#### **4.1 PERMIT REQUIREMENTS**

IM activities are being conducted under NASA's RCRA permit for KSC; all relevant requirements will be observed. Permits and associated authorization requirements consist of the KSC Environmental Checklist, KSC Site Planning utility locate/excavation permit, a site plan, and monitoring well permits.

Copies of all permits relative to IM work will be retained on site and added to Appendix G of the field copy of the IWP, as they are received. The Tetra Tech Construction Supervisor will be responsible for maintaining all required records for the duration of the project. After demobilization, permitting records will be maintained in Tetra Tech's Pittsburgh, Pennsylvania office. Copies of all permits received will also be included in future Construction Completion reporting once installation is complete.

**4.1.1 KSC Environmental Checklist.** The KSC Environmental Checklist will be submitted to the NASA RPM prior to initiating the work. The KSC Record of Environmental Consideration (REC) based on the KSC Environmental Checklist will be used to determine permitting requirements. The REC will be provided in Appendix G, once received.



**4.1.2 Site Planning Authorization.** NASA KSC Master Planning requires approval of all development on KSC property. The site planning provides the means of locating a proposed land use or facility. The approved Site Plan is provided in Appendix G. The conditions and restrictions listed in the Site Plan approval relating to the proposed work are discussed and addressed as follows:

- There is a gaseous nitrogen pipeline that runs parallel about 5 to 10 yards north of the railroad tracks with a depth at approximately 3 to 6 feet below ground surface. The underground work in this area will maintain a 5-yard offset from the buried pipe. Additionally, care will be taken when digging in the vicinity of the pipe including clearing all boreholes to 5 feet using a hand auger.
- An updated KSC environmental checklist will be submitted prior to initiating the work.
- The upcoming upgrades to the Converter Compressor Facility is noted. If any work will be affected, the appropriate parties will be contacted, and the work will be coordinated accordingly.

**4.1.3 Utility Locate/Excavation Permit.** A KSC utility locate/excavation permit will be submitted for excavation activities (e.g., intrusive surveying, drilling, and trenching) and provided in Appendix G, once received. The utility inspectors will be contacted in advance of anticipated drilling and trenching activities to schedule utility clearances for the specific activities. Excavation will not occur on “no dig days” or “critical days” in compliance with the category assigned in the permit. The Tetra Tech Construction Supervisor will contact the duty office for “no dig day” forecasts. The Utility Locate/Excavation Permit Request expires one year after the date of issuance. If the need arises for intrusive activities to be conducted after the Utility Locate/Excavation Permit Request expiration date, Tetra Tech will obtain a new Utility Locate/Excavation Permit Request.

Additionally, per the Utility Locate/Excavation Permit Request process, the excavator is required to call Sunshine 811 prior to contacting utility locators to obtain a Sunshine ticket

number. Ticket numbers provided by Sunshine 811 will be included in Appendix G, once available.

**4.1.4 Threatened and Endangered Species Survey.** This project has the potential to impact protected and/or threatened and endangered species, specifically the southeastern indigo snake and gopher tortoise. A biological survey will be performed by KSC personnel prior to commencement of field activities. Measures required to protect endangered or threatened species or species of special concern will be implemented as appropriate. If the ecological survey indicates that wetlands are present within the area impacted by construction activities, applicable permits to St. Johns River Water Management District (SJRWMD) and the U.S. Army Corps of Engineers (USACE) will be required.

**4.1.5 Well Permits.** Permit applications will be submitted by the drilling subcontractor to the proper agency for each well.

**4.1.6 National Pollutant Discharge Elimination System.** A National Pollutant Discharge Elimination System (NPDES) stormwater construction general permit and Storm Water Pollution Prevention Plan (SWPPP) may be required for proposed site construction activities based on the areas impacted by IM implementation activities. If it is determined that a stormwater permit is needed, a *Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities* (NOI) will be submitted to the State of Florida NPDES Stormwater Program. The site-specific SWPPP is included in Appendix H and will be maintained on-site, with inspections documented as required under the NOI.

Implementation of appropriate pollution prevention controls and techniques to minimize erosion and sedimentation and properly manage storm water will be installed and maintained in accordance with the SWPPP. In addition to following the permit guidance, best management practices (BMPs) will be implemented, as summarized in Section 9.2. Following demobilization and stabilization of the soil, a Notice of Termination (NOT) will be submitted to the FDEP.

**4.1.7 Air Permit.** COCs and hazardous air pollutants (HAPs) emitted during plume treatment operations are covered under the current KSC Title V Air Operation Permit. Based

on calculated mass volatilization rates and plume mass, emissions are estimated to be less than the allowable annual emissions from remediation activities, which are 1,000 pounds per year for individual HAPs and 2,500 pounds per year for total HAPs. The estimated emission calculations are provided in Appendix F. If air sample concentrations indicate emissions greater than the criteria, operation of the AS system will be modified such that emissions remain less than permitted HAP limits. These modifications may include but are not limited to reductions in the number operational AS wells, modifications to the well locations based on plume conditions, or adjustments to the durations of operation.

**4.1.8 Hot Work Permit.** A Hot Work Permit(s) may be required if open flame and heat-producing devices are used, if welding or cutting operations are necessary, if flammable materials are stored on site, or if any spark-producing activity occurs. Permitting requirements for pipe welding activities will be coordinated through NASA via submission of a Hot Work permit request. Previous HDPE socket fusion welding conducted at KSC did not require a Hot Work Permit.

**4.1.9 Electrical Outage and Support Request.** No new electrical service installation is anticipated for this IM as the existing setup for an AS trailer will be utilized. Additionally, no electrical outage is anticipated for this IM.

**4.1.10 Railroad Clearance.** The KSC Railroad Manager or appropriate personnel will be contacted for notification of the work in the vicinity of the railroad tracks. No modifications to the railroad infrastructure are proposed in this IWP. Similar to the CCF West AS design, above grade piping with quick disconnects will be utilized to cross the railway. A detail presenting the above grade piping and quick disconnects is provided in Figure A-18. The railway is not currently used by NASA, and therefore above grade piping across the tracks will not impact current mission operations. Quick disconnects have been incorporated into the design to ensure any future use of the railway can be accommodated.

**4.1.11 Vegetation Clearing.** Vegetation clearing will be conducted in the northern portion of the treatment area for system installation access. Activities associated with vegetation clearing will be coordinated with the RPM and with the appropriate contacts, such as the KSC

Ecological Group, before proceeding. Any vegetation clearing on the north side of the railroad tracks will be completed without any impacts to the railbed.

**4.1.12 Oversized Loads.** Procedures for oversized loads follow the Kennedy NASA Procedural Requirements (KNPR) 6000.1, the KSC Transportation Support System Manual. No oversized loads or vehicles are anticipated for the proposed work in this IWP.

## **4.2 PROJECT SUPPORT AREA**

A project support area will be designated for the storage of materials, administrative tasks, and meetings to maintain communications. Any site features placed at CCF East (e.g. chemical toilet) will be on a temporary basis during construction activities and will be demobilized from the site following AS system start-up. Water used for decontamination of drilling equipment and installation of AS wells will be supplied by a fire hydrant within the vicinity of CCF East. If necessary, Tetra Tech will coordinate with the RPM and the Base Operations, Support Services (BOSS) so that a backflow preventer can be installed on the appropriate fire hydrant.

## **4.3 STAKEOUT SURVEY**

Prior to the utility clearance by the KSC excavation inspectors, a stakeout survey will be conducted to demarcate areas of proposed penetration and intrusive work. The survey will mark the locations of new monitoring and AS wells with 3-ft and 1-ft wooden stakes. All stakes and survey markers will be removed after construction is completed.

## **4.4 MAINTENANCE OF TRAFFIC**

A work zone safety Maintenance of Traffic (MOT) plan will be developed in accordance with the pre-designed plan found in the Florida Department of Transportation (FDOT) Design Standard for Traffic Control through Work Zones (FDOT Index 102-602). All MOT planning and implementation will be done in accordance with FDOT standards. Once the MOT plan is completed, it will be included in Appendix J for reference during field activities.

Tetra Tech personnel managing traffic control set up will be trained to the advanced MOT level. The Advanced trained MOT person will verify/ensure the control zone is correctly set up prior to the start of each workday. The closure of Converter Compressor Road will be coordinated with the NASA RPM and KSC Security.

## SECTION V

### MONITORING WELL INSTALLATION

This section discusses the activities to be conducted for the installation of 10 new monitoring wells as part of the AS performance monitoring network. The wells are proposed at eight former DPT locations (502, 504, 524, 544, 578, 580, 590, 595) and one new location (labeled “A”). The wells will be installed at varying screened intervals between 20 and 50 feet bls. Well identification numbers will be determined prior to installation. Screened interval and construction details for the new performance monitoring wells are included in Table 3-1. Locations of the proposed monitoring well locations at CCF East are shown on Figure A-11. Typical monitoring well construction details are presented on Figures A-12 and A-13.

All proposed monitoring wells will be installed in accordance with Section VI of the CCF East IMWP (NASA, 2019a) and Section 4.5 of the KSC SAP for the RCRA Corrective Action Program (NASA, 2017b). The monitoring wells will be installed using roto sonic drilling technology. Each PVC monitoring well riser will be flush-joint threaded with neoprene “O” rings on male threaded ends to render the joints watertight. Well screens will be either 5-feet or 10-feet in length and consist of 1-inch I.D. Schedule 40 polyvinyl chloride (PVC) with a screen slot size of 0.010-inch. A geologist will be responsible for direction of the Florida-licensed drilling subcontractor, monitoring of drilling operations, logging and recording well installation, and decontamination procedures. A well completion log form, included in Appendix I, will be completed during the installation of each monitoring well.

Annular Construction: The monitoring wells will be constructed with pre-packed well screens, consisting of a filter pack and a fine-grained sand seal, pre-constructed around the screen and encased with wire mesh. The field geologist will inspect each pre-pack screen to confirm proper screen construction. The filter pack will be silica sand of ASTM gradation 20/30 and will be placed within each 3-inch minimum diameter boring in a way to ensure that it is evenly distributed and that the filter pack will be installed at the appropriate screened interval. The field geologist will consult the driller to confirm the appropriate volume of sand required to fill the borehole annulus around the well screen. As sand is being placed around the well screen, the driller will measure the depth to sand as well as document the overall sand

volume required to construct the filter pack. The filter pack will be placed approximately 0.5-feet above the screened interval and sealed using an ASTM 30/65 fine sand. An ASTM 30/65 fine sand seal will be installed from the top of filter pack with sufficient volume to form a seal of approximately two feet and hydrated to eliminate vertical grout migration during the annular space grouting process. The annular space around the well casing will then be filled with a cement/bentonite grout mixture in the following proportion by volume:

- Portland Cement – six gallons of water per 94-pound bag; and
- Bentonite Powder – two pounds per 94-pound bag of Portland Cement.

The grout will be mixed to a uniform consistency, and the slurry mix will be confirmed using an appropriate mud scale. In the event that the slurry yields are less than 12.5-pounds per gallon, additional Portland cement will be added to increase the slurry yield. The grout will be allowed to set for a minimum of 24 hours before surface completion. All monitoring well installations will be completed by a Florida-licensed driller. Following installation of the monitoring wells, each well will be developed via surging and evacuation until clear to remove drilling fluids and suspended solids. Well identification tags will be installed in accordance with FDEP SOPs (FDEP, 2017). Following installation of the monitoring wells, each well will be surveyed for location, top of casing and ground surface elevation by a Florida-registered surveyor.

Surface completion will either be flush-mount or stickup depending on the location of each well. The surface completion for each proposed monitoring well is indicated on Figure A-11.

Flush-mount Surface Completion: Surface completion at each flush-mount monitoring well will consist of a concrete apron and an 8-inch steel, traffic-rated manhole cover and completed with a locking PVC well cap. The manhole cover will be centered in a 2-foot by 2-foot concrete surface pad with a minimum thickness of four inches. The surface pad shall be constructed to slope away from the monitoring well to assure proper drainage. Prior to installation of the protective casing with traffic-rated manhole cover, concrete will be poured into the borehole; the protective casing will then be installed. The concrete surface pad and protective casing will be installed simultaneously.

Stickup Surface Completion: Surface completion at each stickup monitoring well will consist of a concrete apron and 6-inch I.D. PVC protective casing, which will extend a minimum of 2.5 feet above the ground surface and completed with a locking PVC well cap. Each protective casing will be centered in a minimum of a 3-foot by 3-foot concrete surface pad with a minimum thickness of four inches. The surface pad shall be constructed to slope away from the protective casing to assure proper drainage. Prior to installation of the protective casing, the bentonite grout in the borehole will be excavated to a depth of approximately 2 feet bls. Concrete will be poured into the borehole; the protective casing will then be pushed into the wet concrete a minimum of 2-feet. The concrete surface pad and protective casing will be installed simultaneously.

Investigative-Derived Waste (IDW): IDW generated during the installation of monitoring wells, soil coring, and horizontal drill will be managed in accordance with the KSC IDW Management Plan and as detailed in Section 10.1 of this IWP.



## SECTION VI

### AS SYSTEM INSTALLATION

This section discusses the AS system installation activities to be performed, including the installation of the AS wells, piping and utilities, connection to the AS process equipment, and completion of an as-built survey.

#### 6.1 AS WELL INSTALLATION

A total of 88 AS wells will be installed for this IM, with 85 wells to be placed above the retarding unit and three “test” wells to be placed within the retarding unit. The proposed AS well locations are shown in Figure A-9 and construction details are provided in Table 3-2. To minimize surface disturbances, 29 wells will be installed via angled drilling near the railway, road, and concrete slabs. The AS wells are split up between two sparge zones with each zone representing multiple depths, as shown in the table below. Zone 1 represents sparge depths between 15 to 45 feet bls and Zone 2 represents sparge depths between 50 to 61 feet bls including the three “test” wells at the 61 feet bls depth. A header supply line will be dedicated for each treatment zone (for a total of two supply lines) to deliver compressed air from the sparge trailer to the AS wells. The individual depth groups, sparge depths, and AS well count are provided in the table below:

| Zone | AS Depth Group            | Sparge Depth<br>(ft bls) | AS Well Count |
|------|---------------------------|--------------------------|---------------|
| 1    | Shallow (S)               | 15                       | 4             |
|      | Shallow-Intermediate (SI) | 25                       | 8             |
|      | Intermediate (I)          | 35                       | 24            |
|      | Deep (D)                  | 45                       | 11            |
| 2    | Deep Deep (DD)            | 50                       | 38            |
|      | Deep Deep Deep (DDD)      | 61                       | 3             |

Air Sparging Well Installation: Installation activities will be conducted in accordance with the KSC SAP where applicable (NASA, 2017b). All AS wells will be constructed of 1-inch I.D. Schedule 40 PVC with 1-inch, 40-micron Schumasoil<sup>®</sup> diffuser well screens (20 or 24 inches in length as provided by manufacturer) and installed by roto sonic drilling technology. Each AS well will be terminated a minimum of 20 inches above the ground surface. Casing

sections will be flush-joint threaded with neoprene “O” rings on the male threaded ends to render the joints airtight. Figures A-14, A-15, and A-16 show the construction details for the aboveground, belowground, and angled AS wells, respectively.

At each AS well location, a soil core will be collected from the bottom 10-feet of the screened interval to confirm lithologic conditions are adequate for AS screen placement. The field geologist will be responsible for direction of the drilling subcontractor, monitoring of drilling operations, logging and recording well installation, and decontamination procedures. A boring log template, provided in Appendix I, will be used to log the lithology of the soil cores from well drilling activities. The cores will be photographed and managed as IDW.

Annular Construction: The filter pack will consist of silica sand with ASTM gradation 20/30 placed within the annulus in a way to ensure even distribution. Initially, the AS well will be suspended using a winch line on the drilling rig so the sand can be poured into the annulus at a rate to avoid sand bridging. The field geologist will consult with the driller to confirm the appropriate volume of sand required to fill the borehole annulus around each well screen. As sand is being placed in each well, the driller will confirm the depth to sand and the overall sand volume required to construct the filter pack. The filter pack will be placed approximately six to 12 inches above the screened interval and sealed using a bentonite plug. The seal will be composed of pelletized bentonite with sufficient pellet volume to form a seal of approximately three feet. The pelletized bentonite will be hydrated to eliminate grout migration during the annular space grouting processes. The annular space around the well casing will then be filled with a cement slurry grout mixed in the following proportions by volume:

- Portland cement – six gallons of water per 94-pound bag; and
- Bentonite powder – two pounds per 94-pound bag of Portland cement.

The grout will be mixed to a uniform consistency, and the slurry mix will be confirmed using an appropriate mud scale. In the event that slurry yields are less than 12.5 pounds per gallon, additional Portland cement will be added to increase the slurry weight.

Surface Completion: Limited surface completion at each AS well will be conducted following trenching and piping installation activities. Surface completion will be conducted either aboveground or belowground depending on the location of the AS well. AS wells installed south of the ditch that are connected using steel lateral lines will be completed aboveground and wells installed north of the ditch that are connected to HDPE lateral lines will be completed belowground. The lateral line construction and associated AS wells are shown in Figure A-9. For all completions, a threaded plug will be placed at the top end of the well tee fitting and in the port on the tee fitting. For belowground AS wells, the well head will be buried with hand-compacted soil, and the soil will be brought to grade. A 1-ft survey stake and 6-ft snow stake will be driven flush with the ground surface in the immediate vicinity of each AS well to aid in locating the well in the future. For aboveground AS wells, the well head will be connected with the steel lateral piping. The cement grout in the annulus will be finished 6-inches below surface. IDW generated during the installation of AS wells will be managed in accordance with the KSC IDW Management Plan and as detailed in Section 10.1 of this IWP.

## **6.2 PIPING AND UTILITY INSTALLATION**

The AS wells will be supplied with compressed air from an AS treatment trailer located at Building K7-468 at CCB. The compressor trailer from Launch Complex 39A is planned to be relocated and used for this IM. Two new header supply lines (i.e., conveyance lines) will be installed to supply compressed air from the sparge trailer to the AS wells. The two new header lines will connect to the existing header lines from the former CCB AS system. The connection location to the existing lines is shown in Figure A-9. The two new supply lines will cross Fluid Servicing Road utilizing an existing utility trench at which point the headers will run aboveground along the northern side of the concrete wall adjacent to the CCF concrete slab area. The header lines for this portion of the piping run will be constructed of steel.

In order to supply compressed air to both sparge zones spanning across the site, the two header lines will split using a tee at a manifold trailer that will be located south of the railroad tracks. Connections will be made to the manifold trailer to supply compressed air to the

southern treatment area which comprises of all AS wells south of Converter Compressor Road. The other end of the tee will run across the railway and ditch to connect to two manifold cabinets that will be located north of Converter Compressor Road, as shown in Figure A-9. Connections will be made to the manifold cabinets to supply compressed air to the northern treatment area which comprises of all AS wells north of the road. To prevent road closures and minimize asphalt replacement, piping underneath the roadway will be installed by horizontal and angle drilling. To prevent damage to the railway and minimize concrete replacement, piping south of the ditch and railway will be installed on the surface. The railway is not currently used by NASA, and therefore aboveground piping across the tracks will not impact current mission operations. However, as described below, disconnects have been incorporated into the design to ensure any future use of the railway can be accommodated.

Conveyance lines north of the swale and railway will be installed in the subsurface. All piping installed in the subsurface will be HDPE, standard dimension ratio (SDR) 11 suitable for compressed air application at the pressures required for this IM. Joints and fittings of the HDPE connections will be welded via socket fusion with a heater plate assembly, following piping manufacturer recommendations for heating and cooling times. Conveyance lines installed south of the ditch and railway will be installed aboveground. Piping installed on concrete surfaces will be steel suitable for compressed air application at the required pressures. Joints and fittings of the steel connections will be installed following manufacturer recommendations.

Compressed air will be conveyed from the distribution manifolds to the individual AS wells via lateral lines. The construction of the lateral lines varies based on location. Lateral lines north of the ditch will be installed belowground constructed of 1-inch I.D. HDPE SDR 11 piping. Lateral lines south of the ditch will be installed aboveground and constructed of 1" steel piping. The piping installed above the railway will be constructed using 200 psi fiber reinforced flex hose with quick disconnects at each end of the railroad tracks. All 1-inch lines running across the railway will be contained in a larger protective pipe to protect from sunlight exposure. A trench cross section detail for the conveyance and lateral lines is

provided in Figure A-17. Figure A-18 shows the railroad crossing detail for the piping running across the railway.

Trenches will be excavated for subsurface installation of compressed air conveyance and lateral lines. Following utility location, trench excavation to a minimum depth of 18 inches will be completed and the AS lines placed within the trenches. Soft digging will be conducted within 3 feet of identified utilities. Trench width will be a minimum of 12 inches and of sufficient width for installation of piping. Single-conductor #10 gauge wire and utility marking tape will be installed in all trenches at a depth of approximately 6-inches bls for future utility detection. Trenches will be backfilled with native soil, compacted, and resurfaced to match existing conditions.

Electrical service installation will not be required, as the CCF East IM will utilize process equipment and electrical infrastructure installed previously at CCB. Currently the power supply is a three-phase, 13.8-kV, 60-hertz, 600-amp power feed from Substation SS-838 to a 13.8 kV to 480-volt step-down transformer. From the step-down transformer, the 480-volt line is connected to a distribution breaker panel. The distribution breaker panel contains breakers for electrical lines and contains electrical usage metering. The power feed runs underneath Fluid Servicing Road via an electrical conduit. System control panels will be located inside of the trailer. Electrical power use will be metered and reported. The existing electrical connections are located within the CCB compound area (Figure A-9).

### **6.3 CONDUIT INSTALLATION – HORIZONTAL DRILLING**

In order to eliminate asphalt removal and replacement of Converter Compressor Road due to piping trenching operations, horizontal drilling will be utilized to install a conduit underneath Converter Compressor Road. At one central location, a PVC conduit will be installed underneath Converter Compressor Road. Following conduit installation, two 2-inch header HDPE pipes will be installed and will connect to two manifold cabinets that will supply compressed to the AS wells north of the road.

Prior to any horizontal drilling activities, all utilities within 15 feet of Converter Compressor Road will be located and marked by the KSC Utility Locators. Additionally, ground

penetrating radar (GPR) will be conducted to verify depths of utilities and any other subsurface anomalies. To ensure that conduits are installed at a depth that does not impact any existing utility, all identified utility lines will be exposed using soft-digging practices to verify their respective depths. All drill cuttings and fluids will be containerized and handled in accordance with the KSC IDW Management Plan and as detailed in Section 10.1 of this IWP.

#### **6.4 DISTRIBUTION MANIFOLD INSTALLATION**

Two manifold cabinets will be installed within the treatment area north of the ditch as shown on Figure A-9. The cabinets will be recycled from the former air sparge system at CCB. The enclosures will be National Electrical Manufacturers Association (NEMA)-rated 3R, weather-resistant, epoxy-coated, and steel. The enclosures for each distribution manifold cabinet will be placed on a concrete pad with minimum dimensions of 48 inches (width) by 84 inches (length) by 4 (depth) inches. The feet of the enclosures will be anchored to the concrete pad via 0.5-inch-diameter by 2.5-inch-long anchor bolts. Each cabinet will include two machined aluminum manifold blocks with 1-inch I.D. female-threaded inlet/outlets and 11, 0.5-inch I.D. female-threaded ports per block. These manifolds will be supplied by a 2-inch supply line reduced to 1-inch.

One distribution manifold trailer will be installed within the treatment area inside the former fenced area where the ERH system was located. Manifold blocks will be installed and wall-mounted in an appropriately sized trailer. The trailer will be leveled and anchored to the subsurface in accordance with the Trailer/Equipment Tiedown Plan (NASA, 2001b). The line to each manifold will include a 2-inch check valve, 2-inch by 1-inch reducing fitting, and 1-inch reinforced rubber hose. The 1-inch reinforced rubber hose passes through the 1-inch enclosure opening and is attached to one end of an aluminum manifold block using a cam-lock fitting for removal and repair.

Flexible polyurethane tubing will connect the bulkhead fittings to push-connect adapters on the 1-inch lateral stub-up from each well. The 1-inch lateral lines from each well will be brought to the surface adjacent to the enclosures prior to installation. Each lateral stub-up will be completed with a 1-inch, female-threaded, HDPE-to-brass transition, 1-inch by 0.5-inch

brass bushing, and 0.5-inch push-connect tubing adapter. For the manifold trailer, the outlets exit the floor and transition from 0.5-inch flexible polyurethane tubing to 1-inch HDPE or steel lateral compressed air conveyance pipes for the AS wells.

Different pressure regulators will be used to control the pressure in manifold cabinets and trailer for each sparging depth. Each manifold block has 11, 0.5-inch threaded ports along one face, plus a 1-inch threaded port at each end. From each 0.5-inch port, a flow meter (0 to 14 scfm scale range), flow control valve, and pressure gauge (0 to 50 psig scale range) will be installed, one for each well. Check valves will be installed on the outlets following the pressure gauge and will exit the manifold or trailer enclosure through an appropriately sized opening at the bottom of the manifold cabinet or floor of the trailer. Unused ports on the manifold block will have threaded plugs and can be used in the future if additional AS wells are added as part of remedial optimization. The other end of the manifold block will be equipped with a valve and tubing for draining condensate that may accumulate in the piping. Manifold construction details are provided as Figure A-19.

## **6.5 BUILDING AND EQUIPMENT INSTALLATION**

An AS trailer will be stationed at K7-468 that will supply compressed air to the AS wells. The AS trailer at Launch Complex 39A is planned to be relocated for this IM. The system is enclosed inside an approximately 8-foot wide by 24-foot long mobile trailer. The trailer includes hurricane rated D-ring anchor loops welded to the trailer frame that will be connected to tie down-style straps with anchors. The trailer will be leveled and anchored to the subsurface in accordance with the Trailer/Equipment Tiedown Plan (NASA, 2001b). Two low-profile air conditioners are installed on the roof of the system trailer and are sized to maintain an interior temperature of 80°F. The interior of the trailer is insulated and fluorescent interior lighting with a switch and two standard 120-volt, 20-amp ground fault circuit interrupter (GFCI) electrical outlets are installed inside the trailer.

Compressed air will be supplied via a 50-HP rotary screw air compressor (Atlas Copco GA37 VSD) equipped with a VSD and capable of 260 cfm at 102 pounds per square inch gauge (psig). The compressed air is distributed via a system manifold inside the sparge trailer

through two parallel legs that will be utilized to supply compressed air to the header supply lines. Each system manifold leg has a pressure regulator, gate valve, check valve, solenoid valve, flow sensor and transmitter, and pressure sensor and transmitter. The manifold legs extend to the exterior of the system and stub-down with a 2-inch male NPT threaded termination. Connections from the system to the header stub-ups will be completed via 2-inch I.D., pressure rated air hose with acceptable ultra-violet resistance rating, and cam-lock hose fittings. The piping and instrumentation diagram (P&ID) for the CCF East AS system is presented as Figure A-20.

A programmable logic control (PLC)-based control panel will be used to pulse the manifold zones from the system. The PLC connectivity includes remote control and shutdown, data logging and remote data retrieval, and alarm notification via email, text message, and voice message. Motor starters are installed with adjustable thermal overloads. The control panel will be mounted on the interior wall of the enclosure and will also contain an electric meter for monitoring system load (amps) and usage (kilowatt hours). The PLC interface will be programmed with an “hour meter” interface to quantify run times for the compressor, air dryer, and manifold legs. The PLC interface will be capable of programming timed intervals based on time of day to control solenoid valve open/closed cycles for the system discharge manifolds. Transmitters will be installed if necessary, to monitor/log total system flow, pressure, and temperature following the compressor and air dryer, in addition to flow and pressure at each manifold leg. Any electrical work will be performed by a licensed electrician. The system fabrication was conducted in conformance with the National Electric Code, American Society of Mechanical Engineers, and all relevant local, state, and federal standards and codes.

## **6.6 PULSE SETUP AND PROGRAMMING**

Table 6-1 summarizes the manifold well grouping and pulse cycle operational approach. To balance the flow and pressure requirements, programming of the PLC will be required. Pressure regulators at the system manifolds will be adjusted to meet the design requirements and then adjusted to ensure that the pressures at the distribution manifolds meet the intended injection pressures at the wellheads. Based on system startup and aquifer water table



mounding and equalization times, the pulse intervals will be adjusted to ensure that mounding and equalization periods are sufficient to provide air distribution.

## **6.7 AS-BUILT SURVEY**

Surveying will be conducted to provide as-built details for this project. The survey will include general topography and significant existing features such as concrete structures, new monitoring wells and AS system features. Surveying will be performed in accordance with the following requirements:

- Surveys will be conducted by a Florida-licensed land surveyor;
- Each monitoring well will be marked with a notch on the riser pipe to indicate the proper survey (and water level measurement) location;
- Horizontal locations will be third order, in meters, and relative to the Florida State Plane Coordinate System, East Zone (North American Datum [NAD] of 1983);
- Vertical locations will be referenced to the North American Vertical Datum (NAVD) of 1988 with the following accuracy:
  - Ground elevations: 0.1 feet; and
  - Top of casing (TOC) elevations: 0.01 feet.

**Table 6-1. Pulsing Flow Balance**

| Zone                  | AS Depth Group       | ID  | Depth<br>(ft bls) | Number<br>of AS<br>Wells | Flow Per<br>Well<br>(scfm)       | Total<br>Zone<br>Flow<br>(scfm) | Time           |                | Operational<br>Hours/Day | cf/day         |
|-----------------------|----------------------|-----|-------------------|--------------------------|----------------------------------|---------------------------------|----------------|----------------|--------------------------|----------------|
|                       |                      |     |                   |                          |                                  |                                 | 0600 -<br>1800 | 1800 -<br>0600 |                          |                |
| 1                     | Shallow              | S   | 15                | 4                        | 5                                | 20                              | 20             | -              | 12                       | 14,400         |
|                       | Shallow-Intermediate | SI  | 25                | 8                        | 5                                | 40                              | 40             |                | 12                       | 28,800         |
|                       | Intermediate         | I   | 35                | 24                       | 5                                | 120                             | 120            | -              | 12                       | 86,400         |
|                       | Deep                 | D   | 45                | 11                       | 5                                | 55                              | 55             | -              | 12                       | 39,600         |
| 2                     | Deep Deep            | DD  | 50                | 38                       | 5                                | 190                             | -              | 190            | 12                       | 136,800        |
|                       | Deep Deep Deep       | DDD | 61                | 3                        | 5                                | 15                              | -              | 15             | 12                       | 10,800         |
| <b>Total AS Wells</b> |                      |     |                   | <b>88</b>                | <b>Total Flow (scfm)</b>         | <b>235</b>                      | <b>205</b>     | -              |                          | <b>316,800</b> |
|                       |                      |     |                   |                          | Within System<br>Specifications? | Under                           | Under          |                |                          | (Target 90%)   |
|                       |                      |     |                   |                          | Compressor Duty                  | 90%                             | 79%            |                |                          |                |
|                       |                      |     |                   |                          | Wells Operating                  | 47                              | 41             |                |                          |                |

\*AS Compressor to be an Atlas Copco GA37VSD (50 HP) operating at 260 cfm at 102 psig.

AS - air sparging.  
bls - below land surface  
cfm - cubic feet per minute.  
cf - cubic feet.

## SECTION VII

### AS SYSTEM STARTUP, PROVE OUT, AND O&M

This section discusses the activities to be conducted to commission, operate, and maintain the AS system. Details specific to each phase of system operation are included in Sections 7.1 through 7.3. General O&M procedures, which will be conducted throughout each of the phases of system operation, are discussed in Section 7.4. O&M checklists and forms to be used during the tasks described in this section are provided in Appendix I.

#### 7.1 STARTUP PHASE - DAYS 1 THROUGH 7

**7.1.1 Commissioning.** The objectives for commissioning of the AS system are to confirm that the system has been constructed as designed and operates as specified to facilitate any necessary modifications to the system, and to gather and evaluate initial operational data. The following text describes the procedures associated with system commissioning:

The commissioning testing process is composed of three primary activities:

- Pre-commissioning check;
- Functional performance tests of individual components; and
- Pre-startup functional performance system testing of the components.

The inspections will verify that all of the components of the system, below and above ground, have been properly installed.

A site-specific checklist (Appendix I) will be completed to ensure that all equipment and instrumentation have been properly prepared and lubricated and that protective covers on rotating equipment are in place. Inspections of equipment lockout, safety valves and/or pressure relief devices, and site security devices will also be completed. Any deficiencies will be corrected to meet operational requirements. The checklist will be initialed by the appropriate team member at the completion and acceptance of each particular item. Performance checks and individual component testing will be performed to verify that the manifold legs cycle appropriately. Any deficiencies in the system must be corrected and

performance checks successfully completed before the system can be re-commissioned for use at CCF.

**7.1.2 Startup.** Upon completion of the commissioning step and baseline performance monitoring, the entire remediation system will be operated. Startup of the AS system will be performed sequentially, with focus on each specific unit at a given time. The strategy for startup is to conduct these activities sequentially, comparing observations and test data to design and performance criteria. The startup check-out will demonstrate proper functionality of the following:

- Fail-safe instrumentation and logic;
- Air compressor, to ensure that pressure and flow specifications continue to be met;
- Refrigerated air dryer, to ensure proper performance at new operating conditions;
- All valves and orifices; and
- Condensate treatment.

Startup will proceed slowly with sequenced events. All related health, safety, and emergency response procedures will be in place and reviewed before this phase of operation. Before process systems are started, a final check on the alignment and positioning of all motor drives, valves, safety devices, and control setpoints will be conducted.

The general startup sequence for normal operation of the AS system is as follows:

- Ensure that all valves are in their proper positions (including valving at the distribution manifolds);
- Ensure that the electrical disconnects are in energized positions;
- Ensure that all alarm conditions on the control panel are cleared;
- Verify that the condensate treatment system is online and that fluids have been drained;
- Verify that all filters are prepared for operation and that condensate drains and piping are in their correct positions;
- Verify that the solenoid valve programming is set for pre-set pulse intervals and set in AUTO position (entries for spare manifold legs to be set as “OFF”);

- Turn the selector switch for the refrigerated air dryer to the AUTO position;
- Turn the selector switch for the rotary screw compressor to the AUTO position; and
- Verify operating pressures, flows, and temperatures throughout the system and at the system discharge manifolds.

The system is now in automatic operation, and the ON/OFF and START/STOP functions of the system are controlled by the PLC.

After operation has been verified and acceptable at the system location, conditions will be inspected at the distribution manifolds. Based on friction loss estimates provided in Appendix F, the initial pressure regulator settings at system manifold leg header lines are estimated to be as follows:

- Zone 1– 53 psig
- Zone 2– 54 psig

At the manifold trailer and cabinets, the pressure regulators for the distribution manifolds should be set at the following pressures:

- Shallow (15 ft bls) – 14 psig
- Shallow-intermediate (25 ft bls) – 20 psig
- Intermediate (35 ft bls) – 27 psig
- Deep (45 ft bls) – 33 psig
- Deep-deep (50 ft bls) – 37 psig
- Deep-deep-deep (61 ft bls) – 44 psig

The distribution manifolds will be checked to ensure that the wellhead pressure applied to each well is within the design wellhead pressure. At the distribution manifolds for the AS wells, all wells should be initially set less than 1 scfm. The pressure regulators at the system manifolds will be slowly adjusted over the course of the startup period to reach the following pressures at the lateral pressure gauges to achieve the design flowrate of 5 cfm:

- Shallow (15 ft bls) – 7 psig
- Shallow-intermediate (25 ft bls) – 13 psig
- Intermediate (35 ft bls) – 20 psig
- Deep (45 ft bls) – 26 psig
- Deep-deep (50 ft bls) – 29 psig
- Deep-deep-deep (61 ft bls) – 37 psig

The sequence terminates when the design and equipment performance is documented to comply with specifications, and the system is ready for transition into the O&M phase. All relevant observations and individual well readings will be collected on the start-up and O&M checklists (Appendix I) and in the field logbook.

Soil heterogeneities will be checked during well installations to verify optimal sparging depths and to prevent conditions under which specific design points cannot be reached. In these cases, the operational curves for the specified equipment will be consulted to verify that the equipment is operating as designed. Adjustments may be required to ensure proper AS application and/or equipment operation.

After the initial data set is evaluated, system adjustments will be made until the system reaches a steady-state condition wherein all design criteria are satisfied. At that point, commissioning and startup of the system is complete.

During the first 48-hours of system operation and testing, the system operator and project engineer will be on call in the event that system troubleshooting is required. In addition to field activities, system operations will be monitored remotely throughout the project duration to verify and ensure appropriate system operation.

**7.1.3 Startup System Monitoring.** After the system is running within the expected operating conditions, the entire system will be checked. Operational readings will be collected and recorded using forms in Appendix I. Operating data will be compared to equipment performance data and evaluated for discrepancies. Individual pieces of equipment will be inspected for proper mechanical operation.

**7.1.4 Week 1 Startup.** During the startup phase, O&M will be performed daily to conduct troubleshooting/debugging and to ensure that the system is operating as designed. The equipment vendor-provided O&M Manual will be followed for detailed direction of system O&M.

## **7.2 PROVE-OUT O&M – WEEKS 2 THROUGH 4**

System prove-out will be performed for the remaining first month (Weeks 2 through 4) of operation to ensure that all components of the AS system are operating within the design parameters. All O&M activities, including prove-out, will be documented on the site-specific O&M data sheets (Appendix I) and in the field logbook. Routine O&M activities will be conducted as described in Section 7.4 and the equipment vendor-provided O&M Manual.

## **7.3 FULL-SCALE O&M – MONTHS 2 THROUGH 12**

Following Month 1 of operation, the remedial system is anticipated to operate as a stand-alone system and only require routine weekly/monthly O&M visits. At this point, remote monitoring of the system will be relied on, and O&M will be performed as needed for performance monitoring requirements and equipment maintenance schedules. All O&M activities will be documented on the site-specific O&M data sheets (Appendix I) and in the field logbook. Routine O&M activities will be conducted as described in Section 7.4.

## **7.4 GENERAL O&M PROCEDURES**

**7.4.1 Routine Operation/Process Monitoring.** In general, routine O&M consists of observing and adjusting process conditions and checking the system for abnormal conditions (e.g., noise, leaks, temperature, and vibration). Routine system observations will be recorded on the data sheets and forms included in Appendix I, and all site activities will be recorded in a field logbook. During each site visit, the following activities will be performed:

- Inspection of the AS system for leakage and excessive vibration, noise, or temperature;
- Inspection of oil levels and lubrication;

- Inspection of the condensate treatment system;
- Inspection of the refrigerated air dryer;
- Assessment of differential pressure across filtration units and process equipment;
- Recording of system operational data and comparing data to design conditions and previous operating data; and
- Performing housekeeping.

**7.4.2 Routine Maintenance.** This section describes the routine maintenance and replacement of expendable materials associated with the AS system. Maintenance will be executed in a manner that prevents emergencies or unscheduled shutdowns. Drawings showing the unit, piping, valves, and electrical schematics will be available on site for reference. The equipment manufacturers' maintenance recommendations should be followed because each manufacturer has developed the maintenance program to protect its equipment and extend the operating performance and life of the equipment. **The AS system (including receiver tank, manifolds, etc.) and associated process lines will be fully lockout/tagout, isolated, and depressurized prior to conducting maintenance activities.**

If electrical power maintenance is performed on any energized unit, the electrical disconnect located at the service connection shall be de-energized, tagged, and locked out. **Without prior coordination with NASA and Tetra Tech Health and Safety, no maintenance or work will be conducted on the primary voltage lines associated with the CCF East system.**

The following subsections summarize the general routine maintenance activities for each of the major process components of the AS system.

AS Well Maintenance: The AS wells may require maintenance when excessive solids (total or dissolved) accumulate in the wells or when pressure and/or flow rates indicate potential well fouling. If either of these situations occur, well rehabilitation may be necessary. Typical issues may be caused by sediment infiltration, chemical scaling, biomass growth, or physical damage. Well maintenance activities will be dictated by flow and pressure performance monitoring at each AS well. The diagnosis of maintenance required will be on a case-by-case



basis, and appropriate actions may include repair, chemical treatment, and/or physical surging.

Air Compressor/Refrigerated Air Dryer: Routine maintenance of the air compressor and refrigerated air dryer will be conducted in accordance with manufacturer recommendations. An inspection of the compressor and refrigerated air dryer will be conducted and recorded at least monthly. At a minimum, the following activities will be performed during each O&M visit:

- Inspection of all safety guards on blowers;
- Inspection of all mechanical components and foundation hardware and fittings for tightness;
- Inspection for excessive vibration;
- Inspection of the inlet for particulate fouling;
- Inspection of belts/drive alignment;
- Inspection of oil level and lubrication; and
- Draining of any accumulated condensate within the refrigerated air dryer and receiver tank.

Inlet filters will be replaced on an as-needed basis, and routine lubrication will be performed per manufacturer recommendations. If excessive vibration or heat is encountered, troubleshooting per manufacturer recommendations will be performed.

Condensate Treatment System: The condensate treatment system will be routinely inspected for buildup of sludge and other blockages that may result in fouling of the unit. Accumulation of sludge may warrant cleanout of the tank to maintain separator effectiveness. Manual decanting of separated fluids will be conducted on a quarterly basis. Coalescing media and filter units will be inspected quarterly or as needed based on system performance.

Air/Coalescing Filters: Maintenance of the air/coalescing filters is anticipated to be one of the most common maintenance requirements of the AS system. Filter maintenance will be based on the following filter inspection activities, which will be performed during each site visit:

- Verifying that the differential pressure across each filter unit is lower than manufacturer specifications outlined in the equipment vendor-provided O&M Manual;
- Checking for any air/fluid leakages and proper operation of one-way drains; and
- Replacing filter elements on an as-needed basis or within manufacturer indicated frequencies.

Replacement of the filters requires temporary shutdown of the system while the elements are replaced.

## **SECTION VIII**

### **PERFORMANCE MONITORING**

Performance monitoring will be conducted to evaluate the effectiveness of the IM. Performance monitoring will help determine if the AS system is operating properly and if additional action or adjustments are needed. This section discusses the performance monitoring program to evaluate the progress and performance of the CCF East IM. Additionally, process monitoring, as discussed in Section 7.4, will be performed to evaluate IM operation and aid in maintenance and optimization reviews. To evaluate the effectiveness of the IM, performance monitoring sampling will be conducted prior to system operation (baseline) and on a quarterly basis for the first year of operation. Baseline and quarterly samples will be collected from 15 existing monitoring wells and 10 newly installed monitoring wells. Additionally, three surface water samples will be collected from the stormwater ditch that bisects the site as part of performance monitoring activities. The locations of the 25 performance monitoring wells and three surface water locations are shown on Figure A-11. Table 8-1 summarizes performance monitoring program locations, sampling rationale, frequencies, and analytes.

Low flow sampling techniques will be employed during the groundwater sampling activities. Each monitoring well will be purged and sampled using a peristaltic pump and dedicated Teflon™ or HDPE tubing. Sample tubing will be placed at the mid-point of the well screen. All monitoring wells will be purged and sampled in accordance with FDEP SOPs and with Section 5.2.1.2 of the SAP for the RCRA Corrective Action Program (NASA, 2017b). All purge water generated through sampling will be containerized on-site in new 55-gallon drums. The drums will be placed on a NASA provided spill pallet and the bell cover will be secured with a strap. The bell cover and drums will be labeled. Each drum of purge water will be sampled and characterized for disposal.

#### **8.1 BASELINE SAMPLING**

Prior to the start-up of the CCF East AS System, baseline groundwater sampling will be conducted at 25 performance monitoring locations across CCF to establish a baseline of site

concentrations. In addition to the groundwater sample locations, three surface water samples will be collected as part of the performance monitoring network at locations within the stormwater ditch that bisects the site. The 25 locations were selected based on plume footprints, depths, and monitoring functions. During each event, groundwater level measurements will be collected from the 25 monitoring locations to provide an overall summary of groundwater elevations. All samples collected will be analyzed by fixed-based laboratory for VOCs using USEPA Method SW8260B. During the baseline sampling event, geochemical parameters from each sampled monitoring well will be collected to further support AS effectiveness evaluations. Following interpretation of the baseline data set, initial adjustments to the IM operational approach may be warranted. Air samples will be collected during the baseline event as outlined in Section 8.3.

## **8.2 QUARTERLY PERFORMANCE MONITORING**

Following start-up of the AS system, the 25 performance monitoring wells and three surface water locations across CCF East will be sampled quarterly during the first year of operations. All samples collected will be analyzed by a fixed-based laboratory for VOCs via USEPA Method SW8260B. During each sampling event, geochemical parameters from each sampled monitoring well will be collected to further support AS effectiveness evaluations. If the results for a given well indicate consistent non-detect results for a minimum of two consecutive events, the well may be transitioned to a lower sampling frequency or considered for elimination based on the overall value of data from the monitoring location. During quarterly sampling events, groundwater level measurements in all 25 wells will be collected.

AS performance monitoring events will be used to evaluate interim AS performance and to determine whether operational adjustments are needed (e.g. cycling modification, flow/pressure adjustment, etc.). Performance monitoring data sets will be provided as part of Annual Performance Monitoring Reports.

## **8.3 ADDITIONAL DPT INVESTIGATION AND SAMPLING**

Additional investigation and sampling associated with the Eastern CCF plume will be conducted during this IM. To support the LCP monitoring network, a DPT investigation will

be completed to confirm our understanding of the horizontal and vertical extent of the LCP. Monitoring well IW35 will also be sampled on an annual basis to continue monitoring the southeastern portion of the LCP. Upon completion of the sampling, the results will be presented to the KSCRT at a future meeting to support the LCP monitoring network. The results from these additional efforts will be incorporated into the CCF East Annual Performance Monitoring Report.

#### **8.4 AIR QUALITY MONITORING**

During the startup phase, two summa canister air samples using an 8-hour time-weighted average will be collected during baseline activities (pre-startup), first week, and fourth week of operation. The results will determine if air sampling will continue with the quarterly performance sampling. In addition, during O&M activities, air monitoring of the source areas and breathing zone will be performed using a PID as specified in Section 2.14 of the SSHASP (Tetra Tech, 2020). If sustained PID readings are observed in the breathing zone above the action level, Draeger Chips will be used to confirm the presence of vinyl chloride. The SSHASP will be followed for any corrective action if the presence of vinyl chloride is confirmed. Air samples will also be collected if exceedances of the action levels are observed. Samples will be collected via summa canisters with regulators capable of 8-hour TWA sampling and will be analyzed for VOC analysis (Method TO-15).

**Table 8-1. Performance Monitoring Rationale**

| Well ID<br>(CCF-)<br>[Screen Interval, ft<br>bls] | Monitoring Function                                   | Baseline<br>Sampling | Sampling<br>Frequency | Analytes |                     |
|---------------------------------------------------|-------------------------------------------------------|----------------------|-----------------------|----------|---------------------|
|                                                   |                                                       |                      | Year 1                | VOCs     | Field<br>Parameters |
| IW0009ID<br>[42-50]                               | Treatment zone; monitoring western edge of HS         | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0009D<br>[71-76]                                | Treatment zone; monitoring vertical extent of HS      | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0048<br>[25-35]                                 | Treatment zone; monitoring side/up gradient of HCP    | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0049<br>[30-40]                                 | Treatment zone; monitoring HCP                        | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0050<br>[5-15]                                  | Treatment zone; monitoring HCP                        | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0052<br>[30-40]                                 | Treatment zone; monitoring side/up gradient of HCP    | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0057<br>[20-30]                                 | Treatment zone; monitoring HCP                        | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0071<br>[15-25]                                 | Outside treatment zone; monitor downgradient HCP Edge | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0072<br>[15-25]                                 | Treatment zone; monitor HS                            | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0073<br>[15-25]                                 | Treatment zone; monitor HS                            | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0075<br>[5-15]                                  | Treatment zone; HCP                                   | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0074<br>[5-15]                                  | Treatment zone; HCP                                   | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0076<br>[50-60]                                 | Treatment zone; monitor source area                   | ✓                    | Quarterly             | ✓        | ✓                   |
| MW0077<br>[40-50]                                 | Treatment zone; monitor HS                            | ✓                    | Quarterly             | ✓        | ✓                   |
| IW0078<br>[25-35]                                 | Treatment zone; monitor side gradient of HCP          | ✓                    | Quarterly             | ✓        | ✓                   |

**Table 8-1. Performance Monitoring Rationale (continued)**

| Well ID<br>(CCF-)<br>[Screen Interval, ft<br>bls] | Monitoring Function                                     | Baseline<br>Sampling | Sampling<br>Frequency | Analytes |                     |
|---------------------------------------------------|---------------------------------------------------------|----------------------|-----------------------|----------|---------------------|
|                                                   |                                                         |                      | Year 1                | VOCs     | Field<br>Parameters |
| DPT502<br>[30-40]                                 | Treatment zone; monitor HS interior                     | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT504<br>[30-40]                                 | Treatment zone; monitor HCP                             | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT524<br>[10-20]                                 | Outside treatment zone; monitor<br>downgradient of HCP  | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT524<br>[20-30]                                 | Outside treatment zone; monitor<br>downgradient of HCP  | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT544<br>[25-35]                                 | Treatment zone; monitor side gradient<br>northwest area | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT578<br>[10-20]                                 | Treatment zone; monitor HCP                             | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT580<br>[10-20]                                 | Treatment zone; monitor HCP                             | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT590<br>[40-50]                                 | Outside treatment zone; monitor<br>downgradient of LCP  | ✓                    | Quarterly             | ✓        | ✓                   |
| DPT595<br>[40-50]                                 | Treatment zone; monitor HS                              | ✓                    | Quarterly             | ✓        | ✓                   |
| A<br>[10-20]                                      | Outside of treatment zone; monitor HCP                  | ✓                    | Quarterly             | ✓        | ✓                   |
| SW0001<br>[10-20]                                 | Surface water sample in drainage canal                  | ✓                    | Quarterly             | ✓        | ✓                   |
| SW0002<br>[40-50]                                 | Surface water sample in drainage canal                  | ✓                    | Quarterly             | ✓        | ✓                   |
| SW0003<br>[40-50]                                 | Surface water sample in drainage canal                  | ✓                    | Quarterly             | ✓        | ✓                   |

Notes:

Monitoring wells will be installed at the DPT locations listed; well IDs will be determined prior to installation.

Well ID "A" is not co-located with a DPT location; refer to Figure A-11 for location "A"

CCF - Components Cleaning Facility

ft bls - feet below land surface

HCP - high concentration plume

HS - hot spot

LPC - low concentration plume

VOCs - Volatile organic compounds via analytical method 8260B

## SECTION IX

### SITE CONTROLS

Tetra Tech will maintain controls over the work areas at the site during IM implementation to manage potential impacts from site activities on the environment, NASA operations and personnel both on and near the site.

#### 9.1 SITE SECURITY

Site security will be maintained to protect the health and safety of personnel and to preserve the integrity of NASA operations. General security requirements, project-specific security requirements, site security measures, and standard security measures are described in the following paragraphs.

**9.1.1 General Site Security Requirements.** Prior to arriving on site, all personnel will be required to notify the Tetra Tech Construction Supervisor. All requirements to access the site, including procedures for entering NASA facilities, shall be followed. A list of all personnel arriving and/or working at the site will be maintained and provided to the NASA RPM.

**9.1.2 KSC Security Requirements.** A list of all personnel arriving and/or working at the site will be maintained and provided to the NASA RPM. Entry to KSC property or into controlled areas on KSC is a privilege that can be denied, suspended, or revoked. All workers at the site will be issued KSC security/identification badges. The badges will be obtained in coordination with the NASA RPM through formal application to KSC Security. All personnel must be native-born or a naturalized United States citizen and pass KSC background screening. The assigned KSC badge must be clearly displayed on the person above the waist, on the outermost garment, and with the picture and expiration date facing outward at all times while on site. Identification badges are not to be worn off KSC.

Pending approval by the RPM, a visitor badge will be issued for personnel visiting KSC for less than 29 days within a calendar year. If personnel are on site for more than 29 days within a calendar year, a background investigation [i.e., electronic Questionnaires for Investigations Processing (e-QIP)] will need to be completed. The NASA RPM will enter the individual into



the Identify Management and Account Exchange (IdMAX) and then the individual will need to enroll at the KSC Badging Office in order to be approved to obtain a visitor badge.

Personnel reporting to the KSC Badging Office to enroll or pick up a badge should be prepared with two forms of identification, one of which must be a government-issued photo identification.

When applying for a visitor badge, the following information must be provided to the NASA RPM:

- Name (exactly as it appears on the individual's driver's license);
- Country of citizenship;
- Date of birth;
- Place of birth (city, state);
- Dates of visit;
- Social Security number;
- Citizenship (if not a United States citizen by birth, provide naturalization registration number);
- Employer's company name, address, and phone number;
- Email address of the applicant;
- Areas to be visited (KSC industrial, Vertical Assembly Building areas, etc.); and
- Purpose of visit.

**9.1.3 Project-Specific Security Requirements.** Tetra Tech will seek the NASA RPM's assistance in obtaining identification badges assigned to Tetra Tech personnel and vendors for the duration of IM activities. Personnel will present the KSC-issued identification badges to the security guard at the KSC entrance gate. All identification badges will be returned to KSC Security upon expiration of the badge, upon completion of the IM, or when possession of the badge is no longer necessary (i.e., upon removal of temporary personnel from the IM).

**9.1.4 Site Security Measures.** Security equipment including traffic cones, signs, and hazard tape will be used to deter entry of unauthorized personnel to the exclusion areas. All vehicles,

trailers, and equipment will be secured when not in use. Keys will be removed from construction equipment and placed in a secure location when not in use.

**9.1.5 Standard Security Measures.** The site is not subject to restrictions during normal security conditions and routine work hours. All employees and subcontractors will receive training on site security before they begin working on the site. Training records will be maintained.

Site security will include the following practices:

- The Visitor Logbook will be completely filled out by any visitors to the site and will be kept in the site office.
- If a visitor refuses to properly register, acts suspiciously, or has no reason to visit the work areas, the Tetra Tech Construction Supervisor will contact the NASA RPM and KSC Security. If the visitor continues to be uncooperative or acts suspiciously, work will stop until the matter has been resolved.
- When entering and departing the work area, all access controls will be followed.
- No alcohol, illegal drugs, or weapons will be permitted on site. Vehicles may periodically be searched for these items.
- Personnel at the site are allowed to conduct only site-related business.

Details of security incidents will be documented and reported to the NASA RPM and KSC Security. These incidents include trespassers on site, vandalism to property or equipment, and accidents or damage to any on-site vehicles. All site workers will comply with KSC traffic enforcement requirements, as stated in KNPR 1600.1, Chapter 16. Specifically, speed limits must be maintained, and use of cell phones while driving is prohibited (hands-free only).

**9.1.6 Use and Maintenance of Site Control Measures.** The Tetra Tech Construction Supervisor is responsible for ensuring that site work zones and support areas are properly delineated. Signs posted as part of site control must be legible and unobstructed. The Tetra Tech Construction Supervisor will direct the replacement of damaged or expended control equipment and materials.

**9.1.7 Procedures to Detect Violations of Security Measures.** During work hours, all site employees will be responsible for detecting violations of security measures. If a violation is detected, the Tetra Tech Construction Supervisor will be notified immediately.

If employees, subcontractor personnel, or visitors are found to be violating any security or site rules during work hours, the Tetra Tech Construction Supervisor will be contacted. The Tetra Tech Construction Supervisor will then discuss the violation with the appropriate personnel. After-hour security violations, as detected by signs such as tampering with gates or site facilities, will be duly recorded. Such indications will be reported by the Tetra Tech Construction Supervisor to the NASA RPM and KSC Security.

## **9.2 EROSION AND SEDIMENTATION CONTROL**

This section presents the erosion and sediment control devices proposed for the IM. The information in this section is also included in the SWPPP which is provided in Appendix H. A limited amount of ground disturbance will occur during drilling and trenching operations. If the controls are identified to be ineffective or if there is a change in design, construction processes, or maintenance activities that will significantly affect the potential for discharge of pollutants to surface water, the controls will be revised accordingly and recorded as part of Construction Completion reporting.

Erosion and Sediment Control BMPs: The following describes the types of erosion and sediment control BMPs proposed on an as-needed basis to prevent sediments (contaminated or uncontaminated) from being transported beyond the limits of disturbance. The references presented along with the erosion and sediment control BMPs refer to the Florida Storm Water and Erosion and Sedimentation Control Inspector's Manual (FDEP, 2018).

Filter Sock (Inspector's Manual BMP 3.4.3): A filter sock is a temporary sediment barrier and stormwater runoff filtration device consisting of a three-dimensional, tubular, sediment control filled with biodegradable material placed on the ground and attached to supporting posts. The purpose of a filter sock is to intercept and detain small amounts of sediment from disturbed areas during construction operations and to decrease the velocity of sheet flows and low- to moderate-level channel flows. To ensure that the integrity of the filter socks is

maintained throughout the duration of construction activities, filter socks will be inspected weekly or after a 0.5-inch rainfall event. Any deficiencies will be noted, and appropriate repairs will be made.

Permanent Seeding (Inspector's Manual BMP 4.5): Permanent seeding is the establishment of perennial vegetative cover on disturbed areas by planting seed. The purpose of permanent seeding is to reduce erosion and decrease sediment yield from disturbed areas. Additionally, permanent seeding permanently stabilizes disturbed areas in a manner that is economical, adaptable to site conditions, and allows selection of the most appropriate plant material. Permanent seeding will be used within the limits of disturbance in all areas that will not be restored with access roads.

Other prevention and response measures will be used to prevent surface water contamination and transportation of contamination. These controls are not identified in the Florida Storm Water, Erosion, and Sedimentation Control Inspector's Manual and are as follows:

- Contaminated equipment will be decontaminated before exiting the exclusion zone.
- Any release of hazardous waste or hazardous material will be contained and cleaned up immediately. A spill kit will be maintained on site.
- In the unlikely event of a release of a contaminated substance to surface water, the NASA RPM will be notified.
- Soil cuttings generated from drilling activities will be collected and placed in Department of Transportation (DOT)-approved roll-off disposal containers, sampled, and disposed of appropriately.

### **9.3 FUGITIVE EMISSIONS AND AIR QUALITY MONITORING**

Based on the quantity of contaminant mass estimated at CCF East, the AS system is anticipated to have air emissions less than 1,000 pounds per year for individual HAPs and less than 2,500 pounds per year for total HAPs. Summa canister air samples will be collected during the first and fourth week of AS activities. If air sample concentrations indicate emissions greater than the criteria, operation of the AS system will be modified such that

emissions remain less than permitted HAP limits. These modifications may include but are not limited to reductions in the number of operational AS wells, modifications to the well locations based on plume conditions, or adjustments to the durations of operation.

#### **9.4 DECONTAMINATION**

A temporary decontamination pad will be constructed on site and will be used by the drilling subcontractor during installation of monitoring and AS wells and conduits beneath Converter Compressor Road. Decontamination fluids will be collected and characterized to determine proper disposal. IDW will be properly handled in accordance with the KSC IDW Management Plan and Section 10.1 of this IWP.

#### **9.5 SPILL PREVENTION AND CONTROL**

The impact to health and the environment due to any spill will depend on the quantity of material spilled and the physical, chemical, and toxic effects of the material. The following items are considered for spill and discharge control:

- Equipment used for installation and operation of the system and operation that may include petroleum, oil, and lubricants products;
- Contaminated groundwater extracted during site sampling activities; and
- Untreated air compressor condensate.

**9.5.1 Control Procedures and Protective Measures.** The potential for release of contaminants to the ground will be controlled by containment, proper equipment service and maintenance practices. Equipment operators will be required to inspect equipment for leaking seals, fittings and lines during every site visit and will not use the equipment until any deficiencies are corrected.

**9.5.2 Spill Response.** Tetra Tech will maintain readily accessible spill control/response equipment. Spill supplies including, but not limited to, organic sorbent material, personal protective equipment (PPE), a portable eye wash, and overpacks will be maintained. An inventory of spill control supplies will be maintained and inspected by the Tetra Tech Construction Supervisor throughout installation of the IM.

The Tetra Tech Construction Supervisor will be notified if a spill occurs, and the NASA RPM and KSC Security will be notified verbally within 8 hours of the incident. If the spill leads to personnel injury or a fire, the initial notification will be made to the emergency telephone number found in the Site-Specific Health and Safety Plan (SSHASP) (Tetra Tech, 2020), and a subsequent notification will be made to the NASA RPM and KSC Security. The Tetra Tech Construction Supervisor will direct emergency activities at the spill and will ensure that all health and safety equipment and supplies needed for a spill are readily available and properly used. The personnel responding to the emergency will be instructed on the characteristics of the spilled material(s) and special cleanup procedures. During a hazardous materials spill cleanup, the Tetra Tech Construction Supervisor will designate a trained person to monitor for exposures to chemical contamination to determine the need for PPE, to identify any restricted work areas and controlled access areas, and to provide cleanup guidance.

## **SECTION X**

### **WASTE MANAGEMENT PROCEDURES**

Types of waste generated during the performance of IM operations include soil cuttings, well development and purge water, decontamination fluids, and PPE. Based on historical site activities and types of contaminants present, none of these IDW materials are expected to present a significant risk to human health or the environment if properly managed. The following text describes the waste management procedures to be conducted during IM implementation.

#### **10.1 IDW MANAGEMENT**

Composite samples will be collected from the soil IDW generated during well installation, soil coring, and horizontal drilling to classify the material for disposal. Discrete samples will be collected from aqueous IDW generated during well installation and groundwater sampling activities to classify for disposal.

Soil cuttings and excess soil core material resulting from AS well installation activities is planned to be placed directly into DOT-approved roll-off disposal containers or 55-gallon drums as volumes dictate. All roll-off disposal containers will be lined and will remain covered when soils are not being added. Prior to placing soil cuttings into the roll-off containers, any liquids that are present from soil cuttings will be decanted and placed into separate 55-gallon drums or other suitable large volume storage containers as volumes dictate. Roll-off containers will not be overfilled and will be staged in a central location on site. Each roll-off will be sampled and profiled. Proper management and staging of these wastes will be performed by Tetra Tech after waste sample analytical results are received from the laboratory and reviewed. Appropriate waste profiles and/or manifests provided by the company providing waste transportation and disposal will be completed prior to off-site removal of wastes.

Aqueous IDW (i.e., well development, purge, and decon waters) will be managed through the use of aqueous 55-gallon drums or other suitable large volume storage containers as volumes dictate. Containers will not be overfilled and will be staged in a central location on site or as

directed by the NASA RPM. 55-gallon drums will be placed on secondary containment spill pallets. The drums will be labeled and logged, and the pH of the contents will be measured. If the pH of the contents of any drum is less than 6 or greater than 8.5, the pH of the IDW contents will be adjusted using either base (to increase pH) or acid (to decrease pH). IDW generated for this effort will be sampled for per- and polyfluoroalkyl substances (PFAS) in addition to the normal IDW analytes. Depending on the results, the IDW will be handled according to the IDW Management Plan found in Appendix B-5 in the Decision Process Document (NASA, 2019c) and the NASA policy on PFAS Investigation Derived Waste Disposal (NASA, 2021). The IDW analytical results will also be forwarded to the NASA RPM for proper characterization and disposal.

## **10.2 DECONTAMINATION FLUIDS**

Fluids generated during the decontamination of equipment will be disposed of in the same manner as described for aqueous IDW.

## **10.3 PPE AND MISCELLANEOUS TRASH**

Miscellaneous trash, construction debris, and PPE that has been wiped clean will be disposed of in appropriate trash containers designated for disposal of standard waste (non-hazardous municipal wastes). Aerosol cans may not be disposed of at KSC and must be properly disposed of outside of KSC.



## **SECTION XI**

### **REMEDIATION MANAGEMENT**

#### **11.1 RESOURCES MANAGEMENT**

The activities described in the IWP will be implemented by NASA through Tetra Tech. Tetra Tech is responsible for performance of these activities.

#### **11.2 SCHEDULE AND TIME MANAGEMENT**

The schedule for implementation of the IM at the site is dependent on the critical path, which consists of obtaining necessary authorizations and permit approvals, performing mobilization activities, installing AS and monitoring wells, trenching and installation activities, baseline sampling, system startup, system O&M, and performance monitoring. Field activities may also be affected by launch delays and weather conditions including wind and lightning, which are addressed in the CCF East SSHASP provided under separate cover (Tetra Tech, 2020).

#### **11.3 COMMUNICATIONS**

An initial project kick-off meeting will be held with Tetra Tech, KSC Safety and Health personnel, and the NASA RPM to review project information. Prior to the start of field activities, a health and safety meeting will be held with the field crew to discuss the project. In addition, a health and safety meeting will be conducted whenever a new subcontractor is scheduled to be on site. Site personnel will meet daily for morning tailgate meetings during IM installation to discuss operations and safety issues and to coordinate activities such as personnel assignments and action items for that day.

Once a week, a project meeting will be held with the Tetra Tech Construction Supervisor, Tetra Tech Site Safety Supervisor, and Tetra Tech Project Manager. The NASA RPM is welcome at all meetings and for general site visits. The topics will be safety, progress since the last meeting, potential concerns or conflicts, ideas and suggestions, and quality. Comments from NASA will be discussed, a response will be given, and the appropriate action will be taken.

The following is a list of the project meetings that will be held to enhance communication among other members of the project team:

- Post-Award Kick-Off Meeting – A contract pre-performance meeting will be held following the notice to proceed. The meeting will address planned site activities and project tasks, schedule, deliverables, technical matters, and coordination with KSC entities.
- Daily Tailgate Meetings – Daily tailgate meetings will be led by the Field Operations Leader (FOL) and Construction Supervisor and will detail operations for the day and discuss safety components associated with work activities. All site personnel and subcontractors will participate in the daily meetings and sign the meeting attendance form in the SSHASP.
- Site Kick-Off Meeting – A site kick-off meeting and “Nuts and Bolts Meeting” will be held as part of mobilization. The Tetra Tech Project Manager, Tetra Tech Construction Supervisor, and key personnel will attend. The NASA RPM, KSC Safety and Health personnel, key KSC personnel identified by the NASA RPM (e.g., security, facility manager, locate/excavate personnel, etc.) will be invited to attend.
- Weekly Progress Briefings – Throughout field work, the Tetra Tech Project Manager or Construction Supervisor will brief the NASA RPM weekly on scheduled work, progress, and upcoming activities. Notification will be provided of changes in personnel or equipment. Issues arising from the daily site meetings will be brought to the Tetra Tech Project Manager's attention, and potential problems will be noted.
- Subcontractor Health and Safety Meeting – Along with attendance at daily tailgate meetings, subcontractors will meet with the FOL and Construction Supervisor prior to initiating site work and discuss the work activities, SSHASP, and hazard analyses for the tasks being completed. Attendance at the meeting will be documented in the SSHASP.
- Final Inspection Conference – A post-construction final inspection conference will be held to discuss and resolve any outstanding issues prior to final inspection of the work. The schedule and procedures for the final inspection will be finalized during this conference.

#### **11.4 DOCUMENTATION, RECORDKEEPING, AND REPORTING**

Information to be documented and maintained during the IM implementation as required by the IMWP (NASA, 2019a), KSC SAP (NASA, 2017b), and SSHASP (Tetra Tech, 2020) consists of the following:

- KSC Utility Locate/Excavation Permit;
- Site Planning Request and Authorization;
- Hot Work Permit (if required);
- Digital imaging documentation of site and field activities obtained as part of mobilization activities, for each major phase of the IM, for each area of the IM, whenever unforeseen site conditions are encountered, after restoration activities are complete, and as directed by the NASA RPM. Digital images will be provided in Joint Photographic Experts Group (JPEG) format. An index will be provided for each set of digital images including the following:
  - Contract numbers;
  - Site and area identification;
  - Contractor name;
  - Date; and
  - Brief description.
- Waste profile sheets, waste characterization results, waste shipment records, waste manifest documentation, and certificates of disposal;
- Analytical results from performance monitoring;
- Data collected during system operation; and
- Documentation required per the SSHASP.

The following summarizes the reporting requirements and documents to be submitted to NASA as part of IM implementation:

Remediation Information System: All analytical data and supporting information will be compiled and input into the Tetra Tech database management system to update the KSC

Remediation Information System (RIS). The database will be used to prepare tag maps, to compare site data to KSC RCRA screening criteria, to determine frequencies of detection, to generate summary tables, and to generate figures.

Advance Data Packages: A Construction Completion ADP will be developed and presented to the KSCRT summarizing installation efforts and baseline conditions associated with the IM implementation at CCF East. The ADP will include a summary of installation activities, permitting summary, deviations from the work plan, safety procedures, construction photographs, schedule, baseline monitoring, system and performance monitoring data from the first quarter of operation, and lessons learned from the implementation.

An Annual Performance Monitoring Report ADP will be developed and presented to the KSCRT summarizing background summary of the IM, IM milestones, performance data obtained to date, operational data, performance metrics, optimization reviews, monitoring well sampling data, and analysis of the exit strategy.

Each ADP will include tables, maps, and other photographs/figures necessary to present the findings. The data packages will be submitted two weeks prior to the appropriate KSCRT meeting. The ADP will be presented in PowerPoint format during the Team meeting.

Annual Performance Monitoring Report: Annual Performance Monitoring Reports will combine the results from performance groundwater monitoring and IM activities conducted each operating year. The Year One Annual Performance Monitoring Report will also include the CCR ADP as an appendix, which will overview installation activities conducted as part of IM implementation. As-built drawings and survey information will be provided. Project-related documents such as waste manifests, permits, inspections, well construction logs, daily field logs, and photo logs will be provided as attachments to the CCR ADP. Upon completion of the DPT LCP investigation, the results will be presented to the KSCRT at a future meeting to support the LCP monitoring network. The results from the DPT investigation and monitoring well IW35 will also be incorporated into the Annual Performance Monitoring Report.

Each Annual Performance Monitoring Report will combine the results from performance groundwater monitoring and IM activities conducted each operating year. The reports will also include a detailed description of IM implementation operations over the period and provide site contaminant and system data sets used to evaluate remedial performance. The annual reports will be sealed by a Florida-registered professional engineer, presented to the KSCRT, and submitted to the FDEP.

## **11.5 DATA QUALITY AND SUBMITTAL REQUIREMENTS**

The CCF East IM will be subject to the data quality and submittal requirements established in the KSC SAP (NASA, 2017b).

## **SECTION XII**

### **REFERENCES**

Florida Department of Environmental Protection (FDEP), 2017. DEP Standard Operating Procedure FS 2200, Groundwater Sampling, DEP-SOP-001/01, January.

FDEP, 2018. Florida Storm Water and Erosion and Sedimentation Control Inspector's Manual. July.

National Aeronautics and Space Administration (NASA), 1998. RCRA Facility Investigation Report for the Converter Compressor Facility (SWMU #30). Kennedy Space Center, Florida. January.

NASA, 2001a. CCF Corrective Measures Study. Kennedy Space Center, Florida. Revision 2. February.

NASA, 2001b. Trailer/Equipment Tiedown Plan for the John F. Kennedy Space Center, Florida. August.

NASA, 2003. Corrective Measures Implementation for the CCF. Kennedy Space Center, Florida. Revision 0. March.

NASA, 2005a. CCF Ditch Sediment Removal Corrective Measures Report. Kennedy Space Center, Florida. Revision 0. March

NASA, 2005b. CCF Hot Spot Excavation Report. Kennedy Space Center, Florida. Revision 0. March.

NASA, 2011. CCF Operations, Monitoring, and Maintenance Report Year 5. Kennedy Space Center, Florida. Revision 0. January.

NASA, 2013a. CCF Decommission and Disposal of the Remedial System. Kennedy Space Center, Florida. Revision 0. February.

NASA, 2013b. CCF Step 1 Engineering Evaluation Hot Spot 2 Area Source Zone. Kennedy Space Center, Florida. August.

NASA, 2014a. CCF Step 2 Engineering Evaluation Hot Spot 2 Area Source Zone. Kennedy Space Center, Florida. May.

NASA, 2014b. CCF Interim Measure Work Plan and Step 3 Engineering Evaluation Hot Spot 2 Area Source Zone. Kennedy Space Center, Florida. October.

NASA, 2015. CCF Hot Spot 2 ERH Implementation Work Plan. Kennedy Space Center, Florida. December.

NASA, 2017a. CCF East Operations, Maintenance, and Monitoring ADP. Kennedy Space Center, Florida. Revision 0 May.

NASA, 2017b. Sampling and Analysis Plan for the RCRA Corrective Action Program at the John F. Kennedy Space Center, Florida. Revision 5. August.

NASA, 2018. CCF Hot Spot 2 Source Area Construction Completion and Operations, Maintenance, and Monitoring Report. Kennedy Space Center, Florida. Revision 0. January.

NASA, 2019a. Components Cleaning Facility Eastern High-Concentration Plume Area Measure Work Plan. Kennedy Space Center, Florida. May.

NASA, 2019b. Components Cleaning Facility Performance Monitoring, SWMU 030, East Area Performance Monitoring and High-Concentration Plume Reassessment Report. Kennedy Space Center, Florida. July.

NASA, 2019c. Decision Process Document for the RCRA Corrective Action Program Revision 2. Kennedy Space Center, Florida. February

NASA, 2020. Components Cleaning Facility, SWMU 030, Interim Groundwater Monitoring Report, Revision 1. Kennedy Space Center, Florida. November.

NASA, 2021. PFAS Investigation Derived Waste Disposal Letter. Kennedy Space Center, Florida. April.

Tetra Tech Inc., 2020. Site-Specific Safety and Health Plan for Air Sparge System Installation, Operations and Monitoring at the CCF. Kennedy Space Center, Florida.

United States Army Corps of Engineers (USACE), 2013. In-Situ Air Sparging Engineer Manual (EM 200-1-19). Washington, D.C.



**APPENDIX A**  
**FIGURES**

FIGURE A-1 LOCATION OF KENNEDY SPACE CENTER AND COMPONENTS CLEANING FACILITY  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

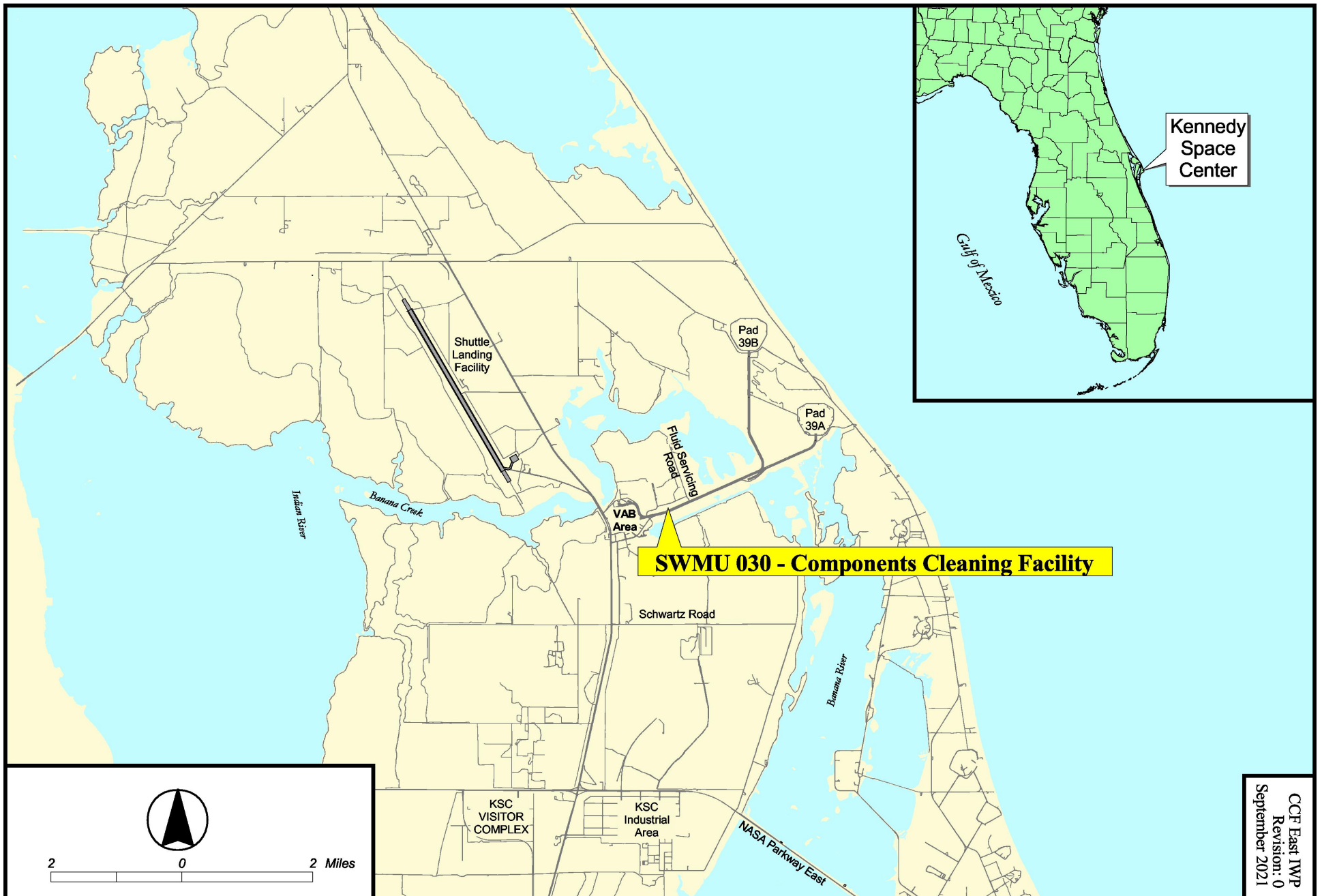




FIGURE A-2 SITE LOCATION MAP  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

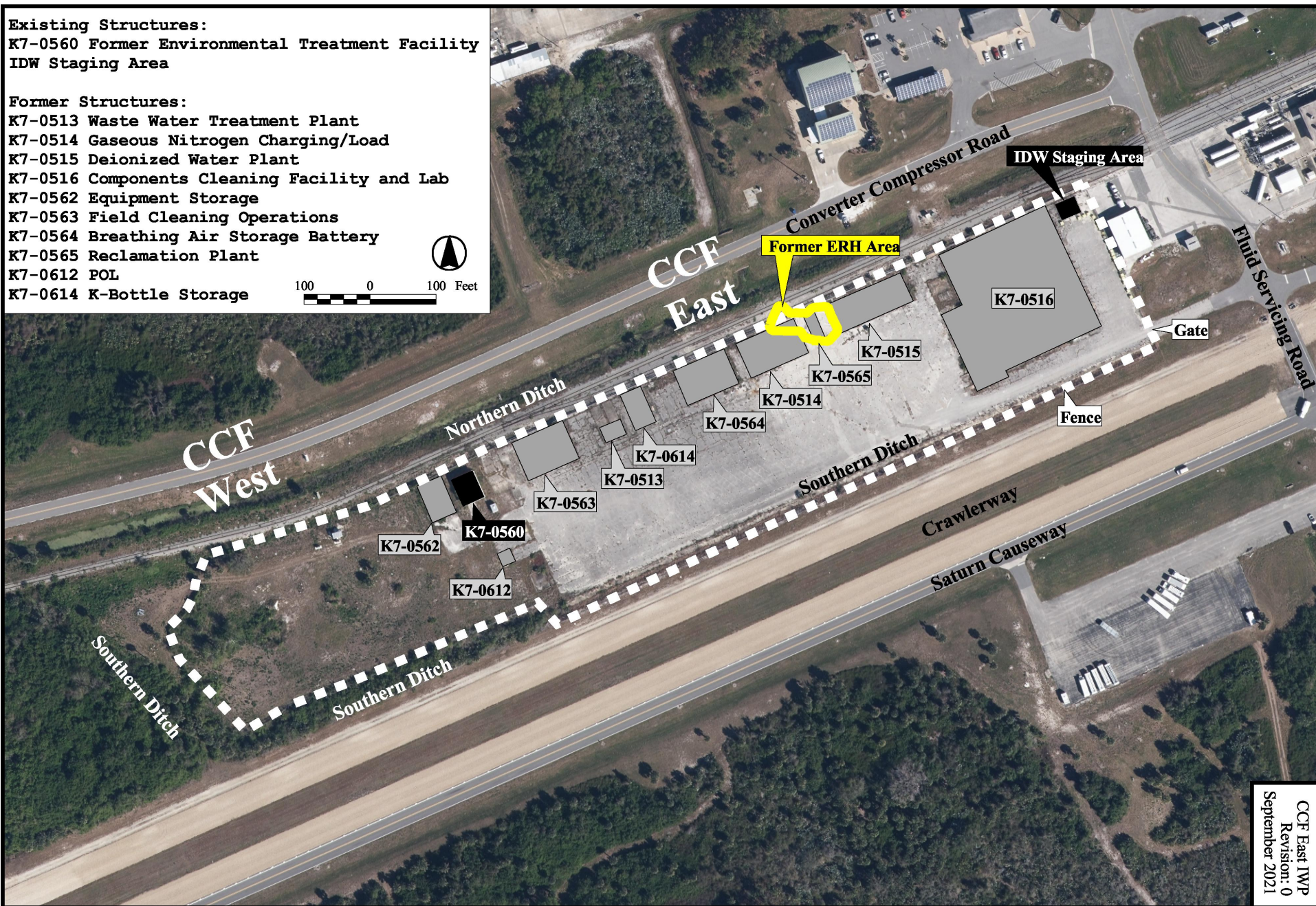
**Existing Structures:**

K7-0560 Former Environmental Treatment Facility  
IDW Staging Area

**Former Structures:**

K7-0513 Waste Water Treatment Plant  
K7-0514 Gaseous Nitrogen Charging/Load  
K7-0515 Deionized Water Plant  
K7-0516 Components Cleaning Facility and Lab  
K7-0562 Equipment Storage  
K7-0563 Field Cleaning Operations  
K7-0564 Breathing Air Storage Battery  
K7-0565 Reclamation Plant  
K7-0612 POL  
K7-0614 K-Bottle Storage

100 0 100 Feet



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Legend

- <GCTL
- ≥GCTL (LCP)
- ≥NADC (HCP)
- ≥10xNADC (Hot Spot)
- ≥100xNADC (10xHot Spot)
- 📍 ERH Treatment Area
- Treatment Area

| IW-516  | TCE    | cDCE | tDCE   | VC  |
|---------|--------|------|--------|-----|
| 12/2014 | 15 U   | 2170 | 41 I   | 819 |
| 12/2016 | 2.7 U  | 779  | 20.1   | 383 |
| 12/2018 | 0.35 U | 6.9  | 0.22 U | 143 |

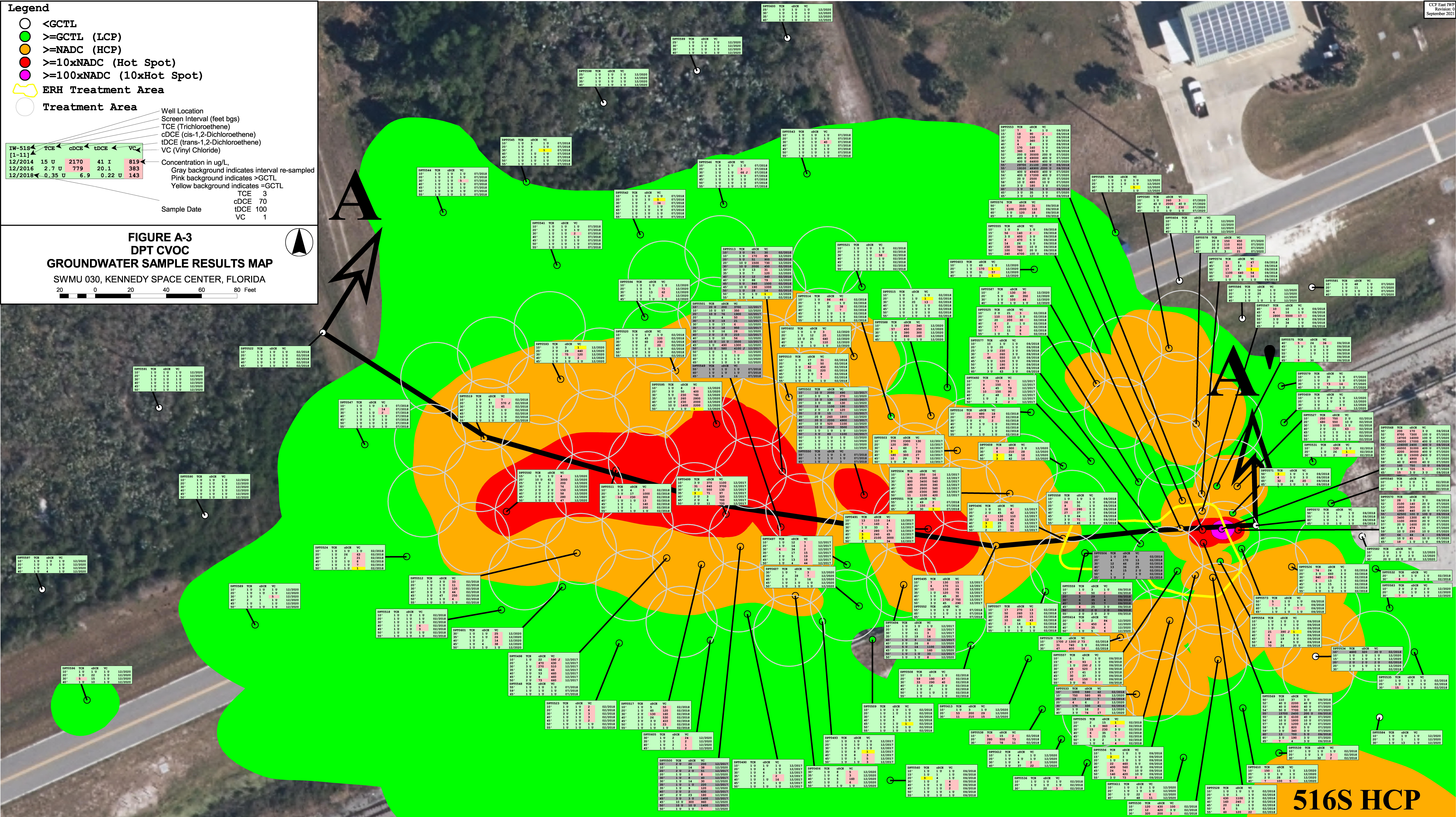
Well Location  
Screen Interval (feet bgs)  
TCE (Trichloroethene)  
cDCE (cis-1,2-Dichloroethene)  
tDCE (trans-1,2-Dichloroethene)  
VC (Vinyl Chloride)

Concentration in ug/L  
Gray background indicates interval re-sampled  
Pink background indicates >GCTL  
Yellow background indicates ≥GCTL

Sample Date  
TCE 3  
cDCE 70  
tDCE 100  
VC 1

FIGURE A-3  
DPT CVOC  
GROUNDWATER SAMPLE RESULTS MAP  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

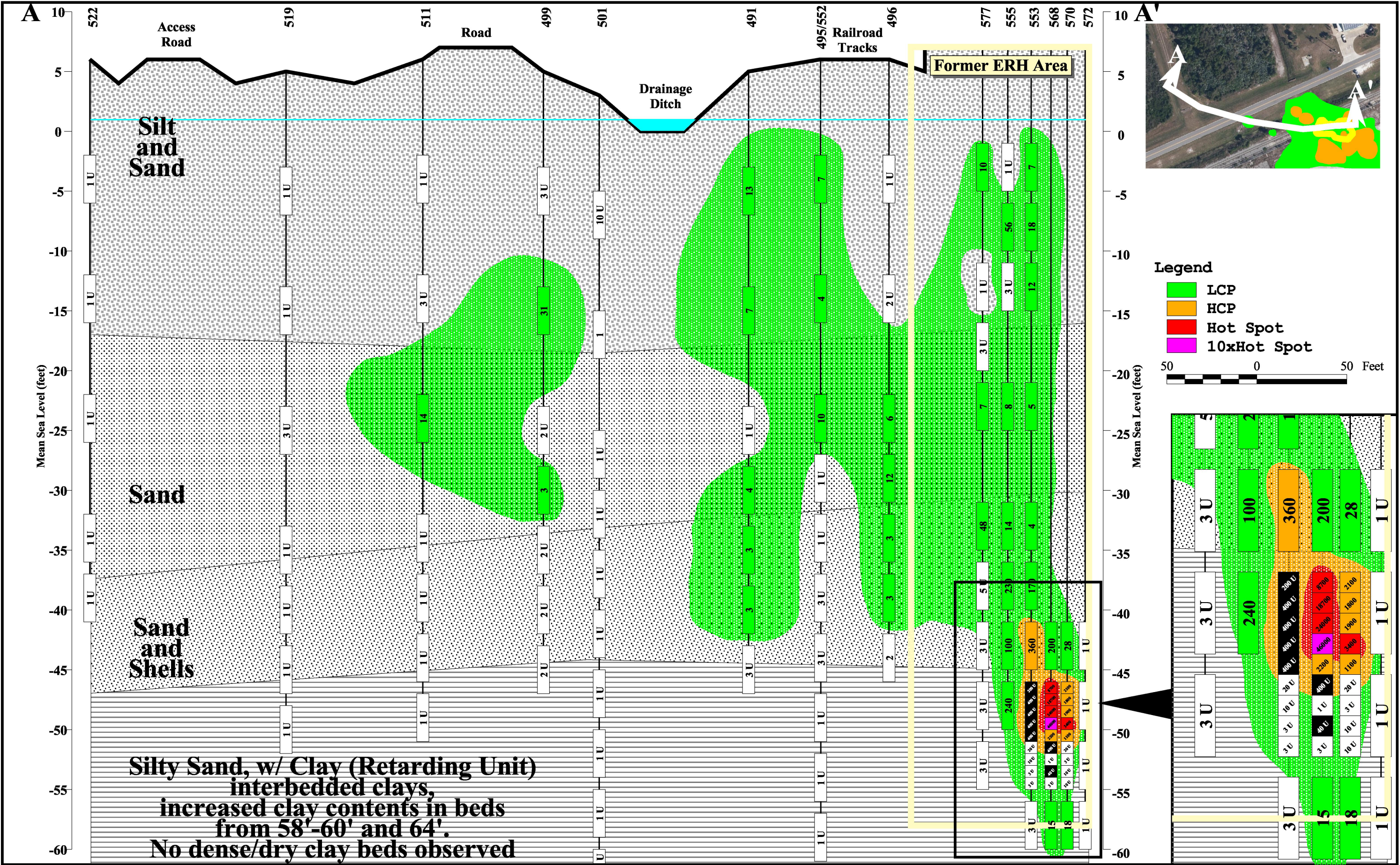
20 0 20 40 60 80 Feet



516S HCP



FIGURE A-4 TCE LITHOLOGIC/PLUME CROSS SECTION A-A'  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA





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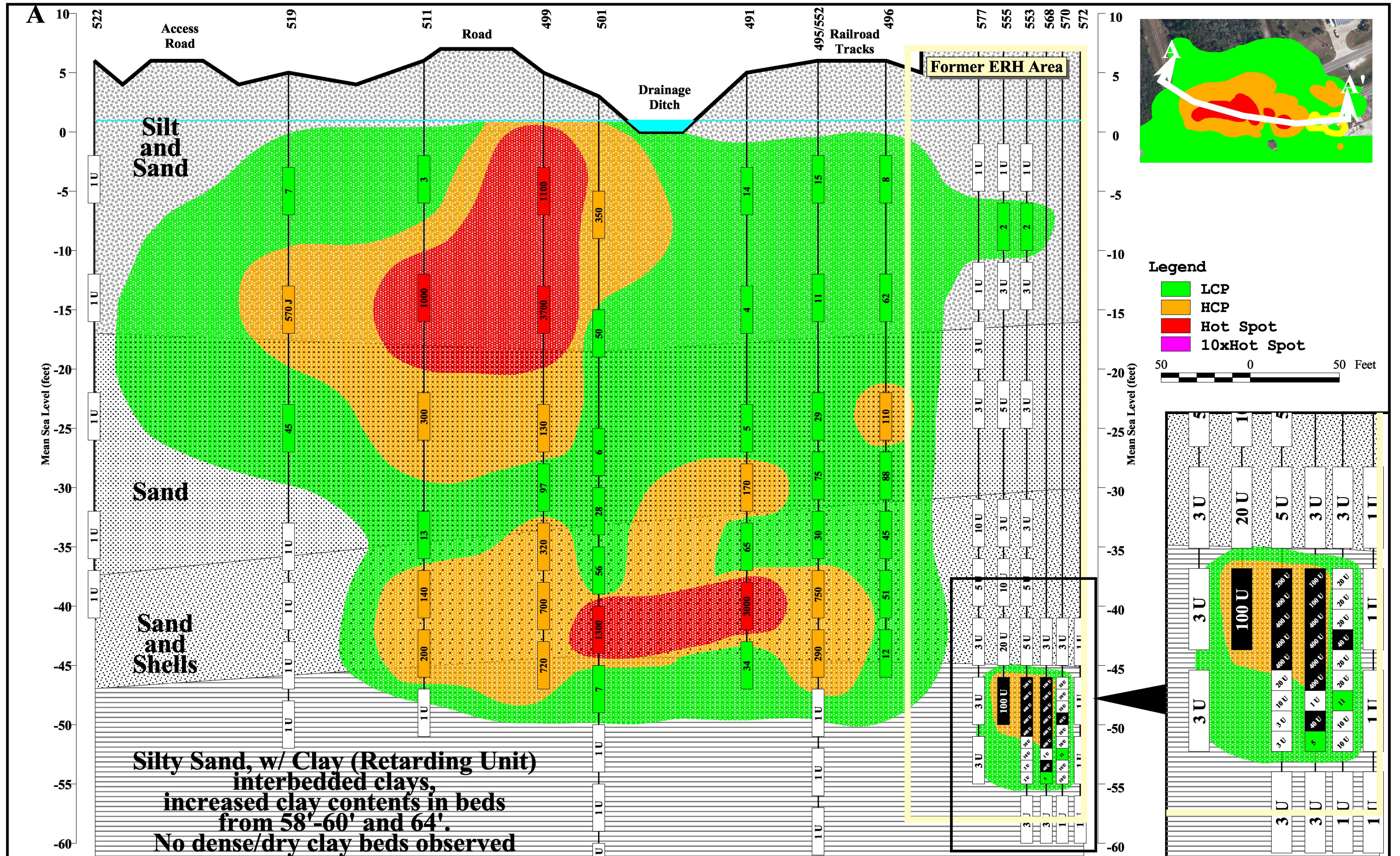




FIGURE A-7 CVOC LITHOLOGIC/PLUME CROSS SECTION A-A'  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

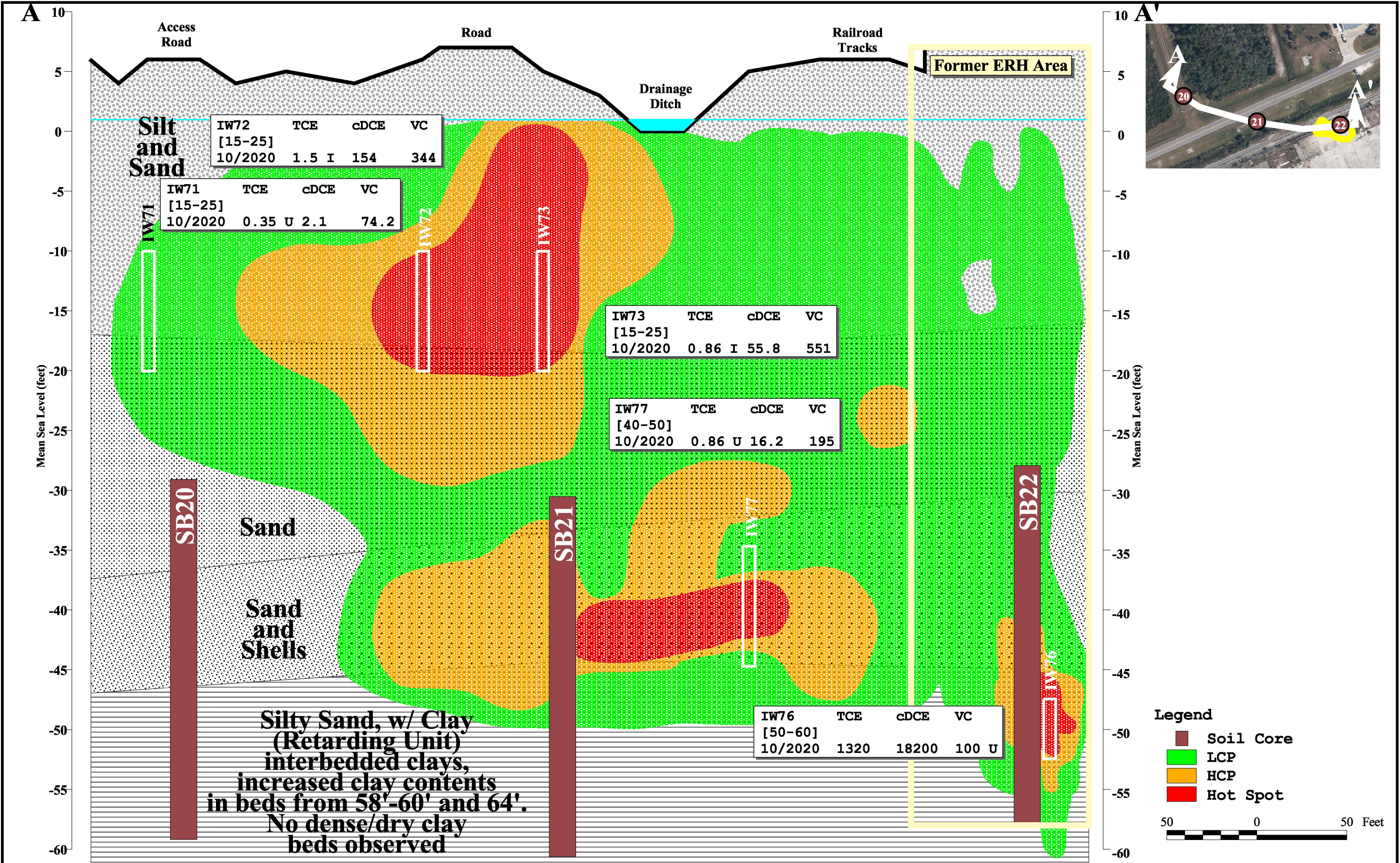
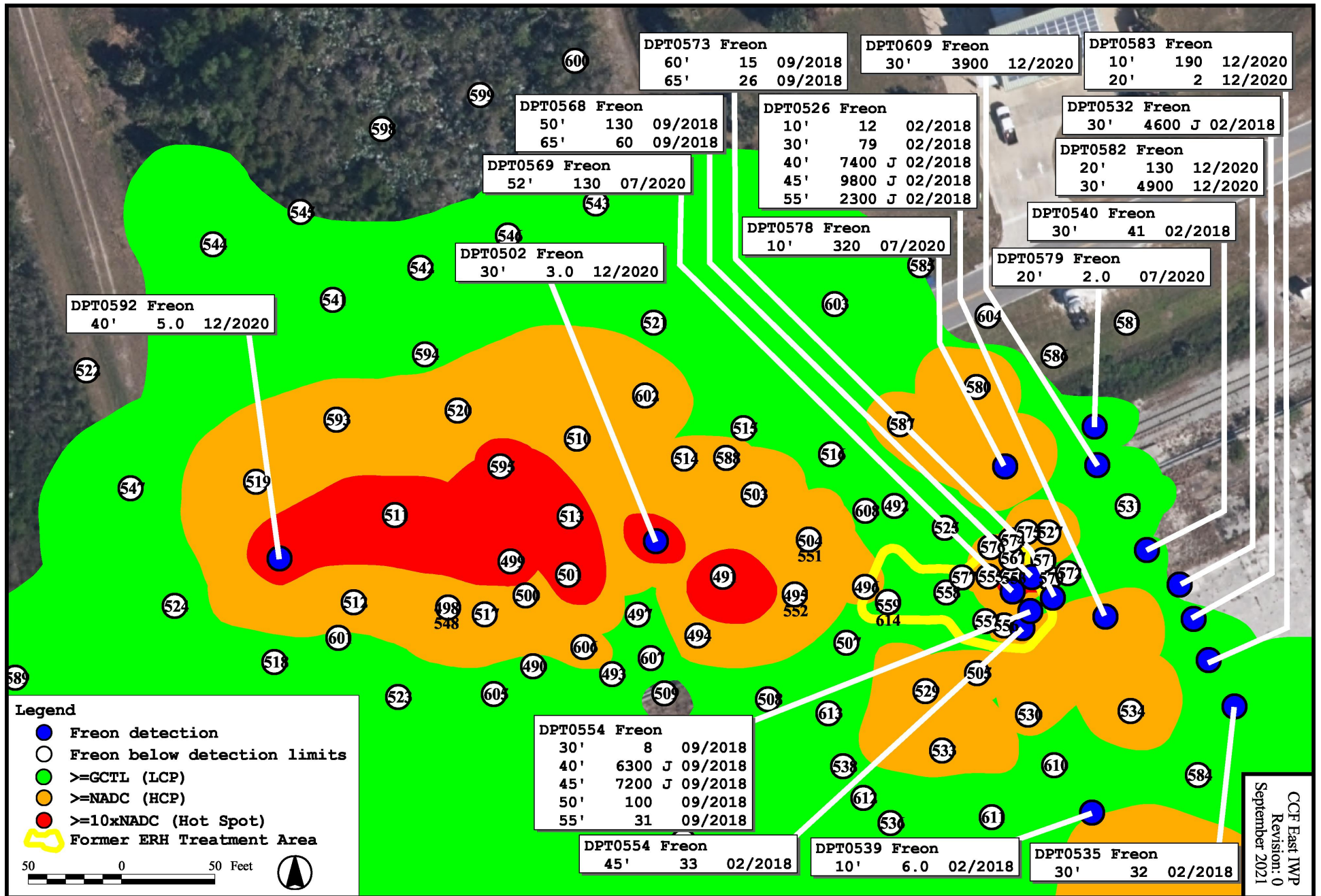




FIGURE A-8 FREON-113 GROUNDWATER SAMPLE RESULTS MAP  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA



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Revision: 0  
September 2021



FIGURE A-9 AIR SPARGING WELL AND TRENCH LAYOUT  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

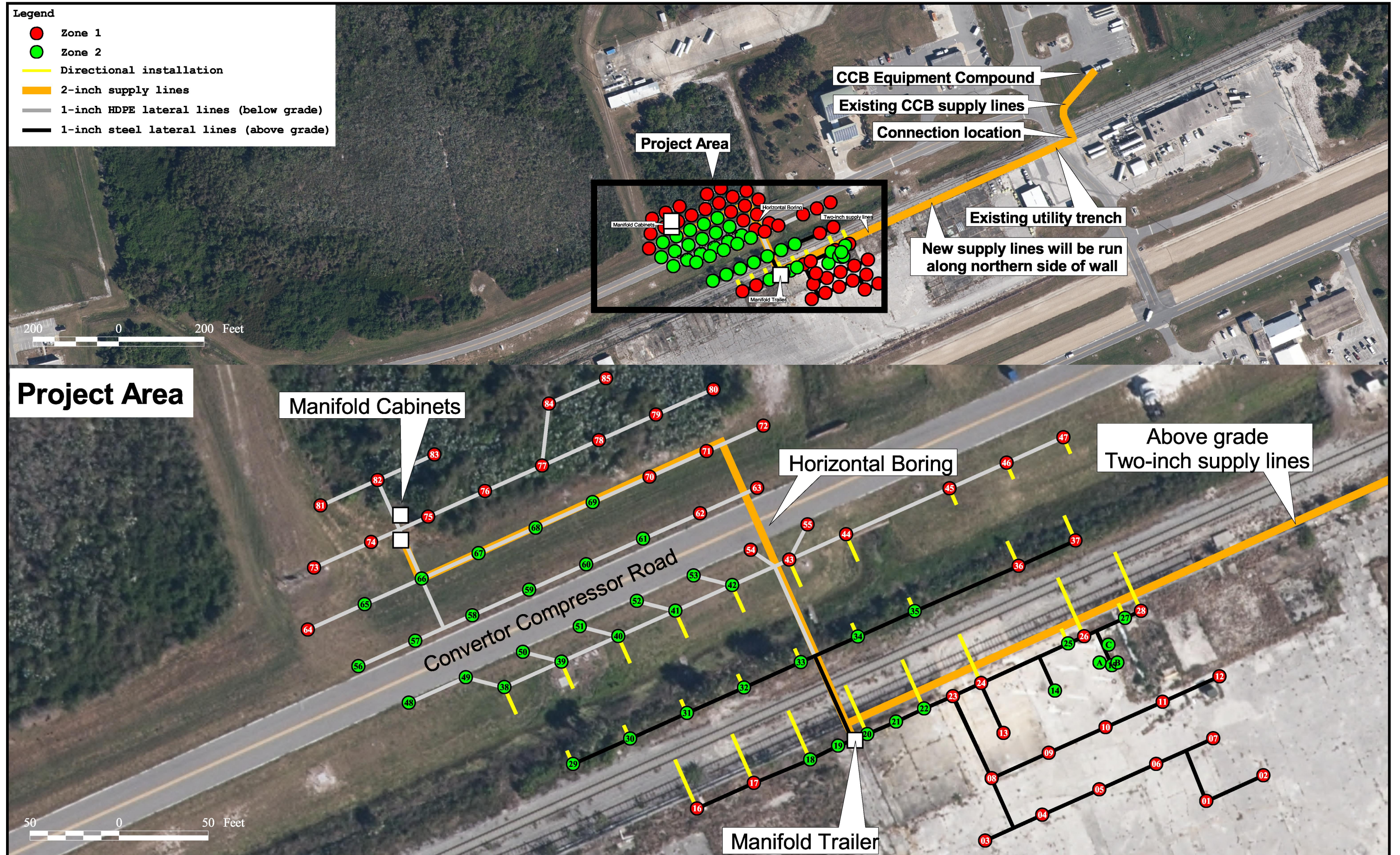




FIGURE A-10 AIR SPARGING ZONE LAYOUT  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

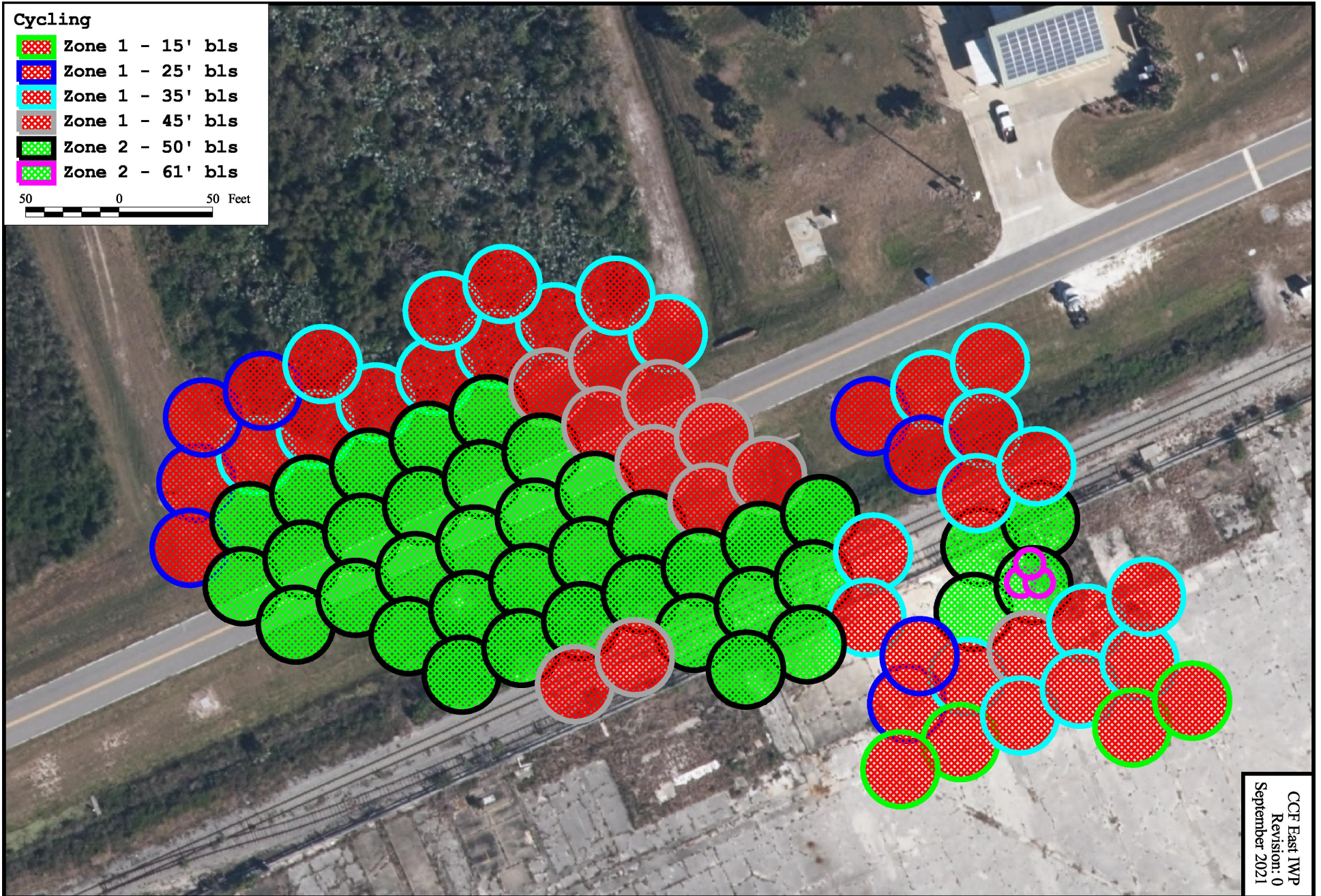




FIGURE A-11 PERFORMANCE MONITORING NETWORK  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

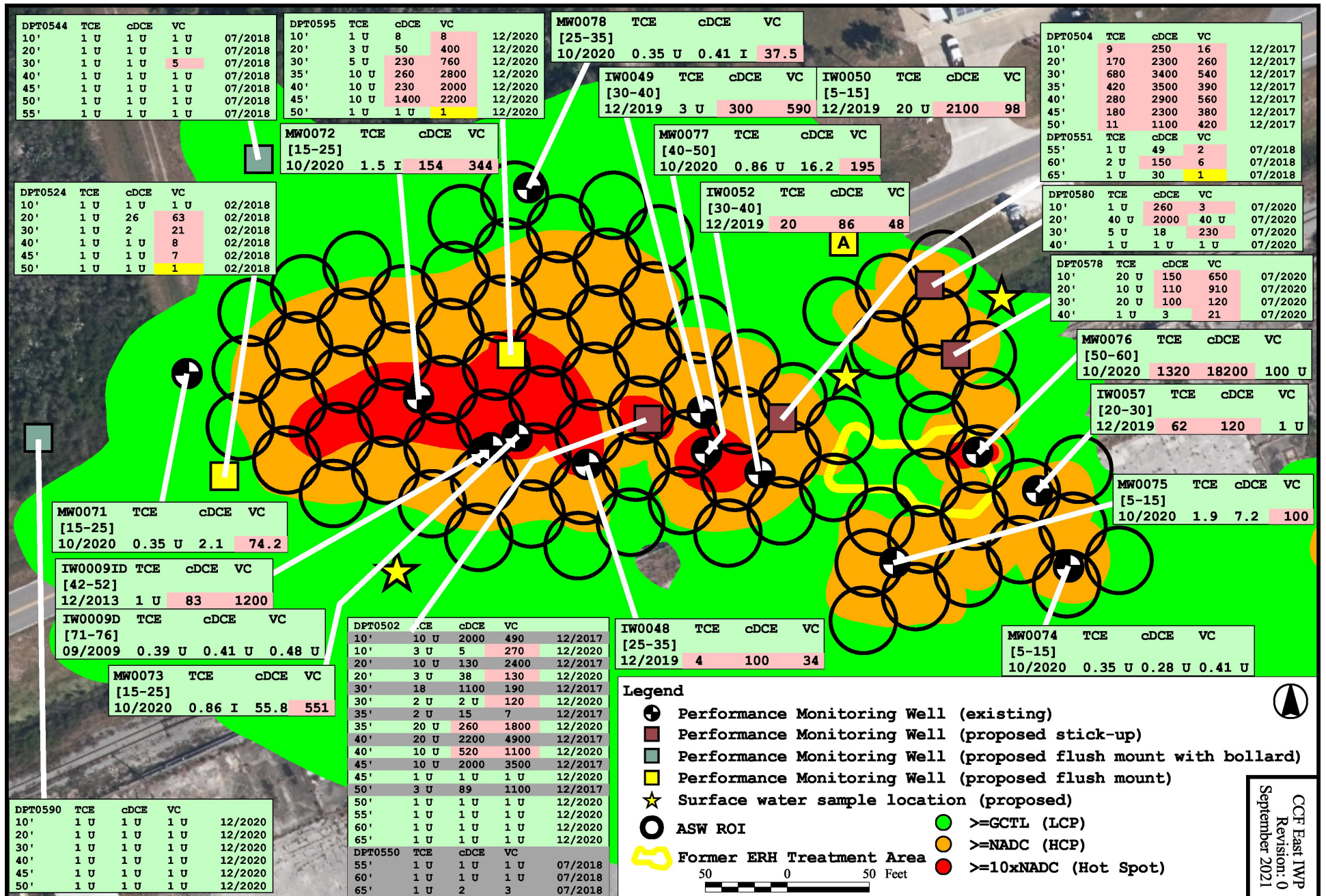


FIGURE A-12 FLUSH MOUNT MONITORING WELL CONSTRUCTION DETAIL

SWMU 030, KENNEDY SPACE CENTER, FLORIDA

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September 2021

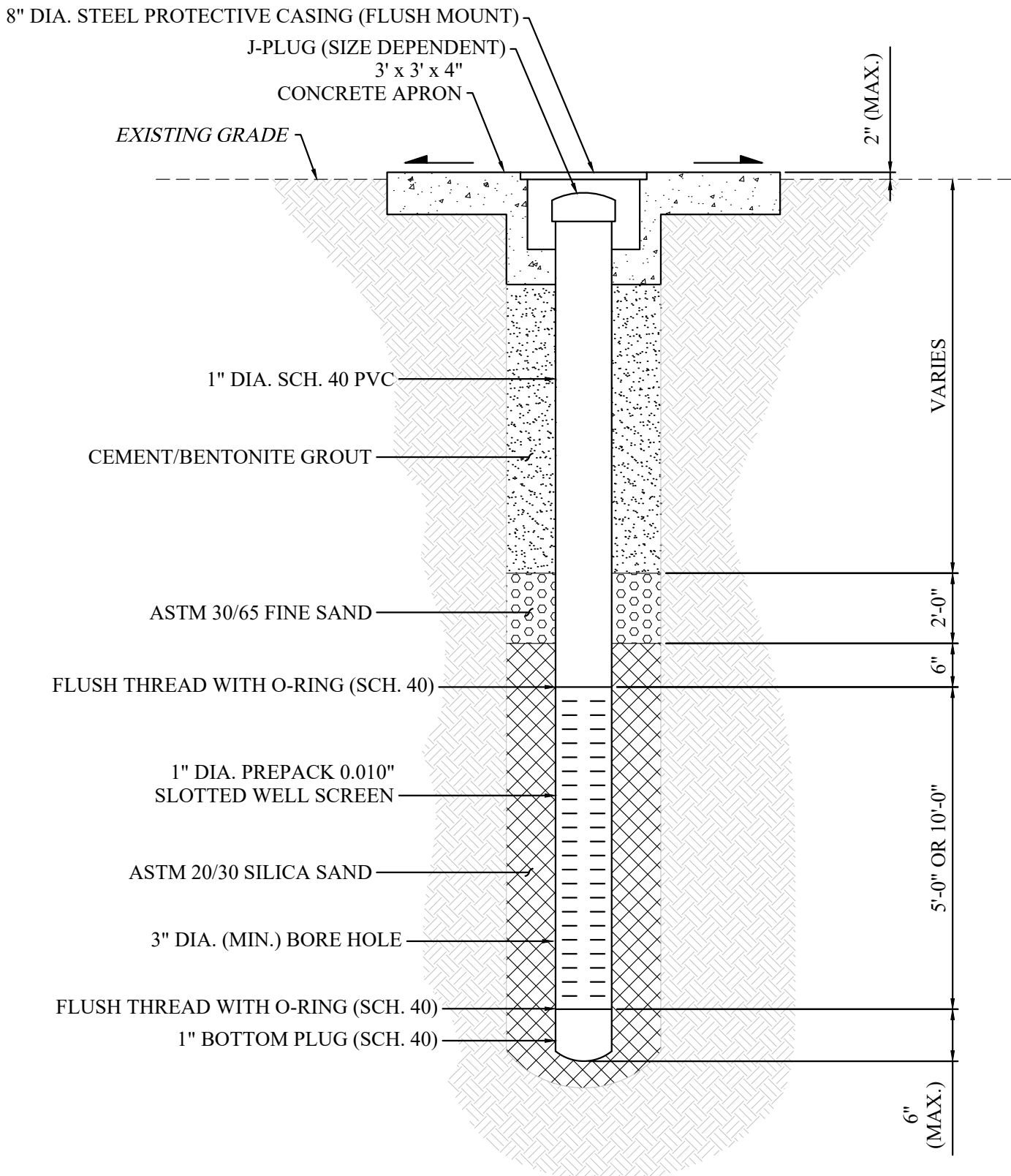


FIGURE A-13 STICK-UP MONITORING WELL CONSTRUCTION DETAIL  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

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September 2021

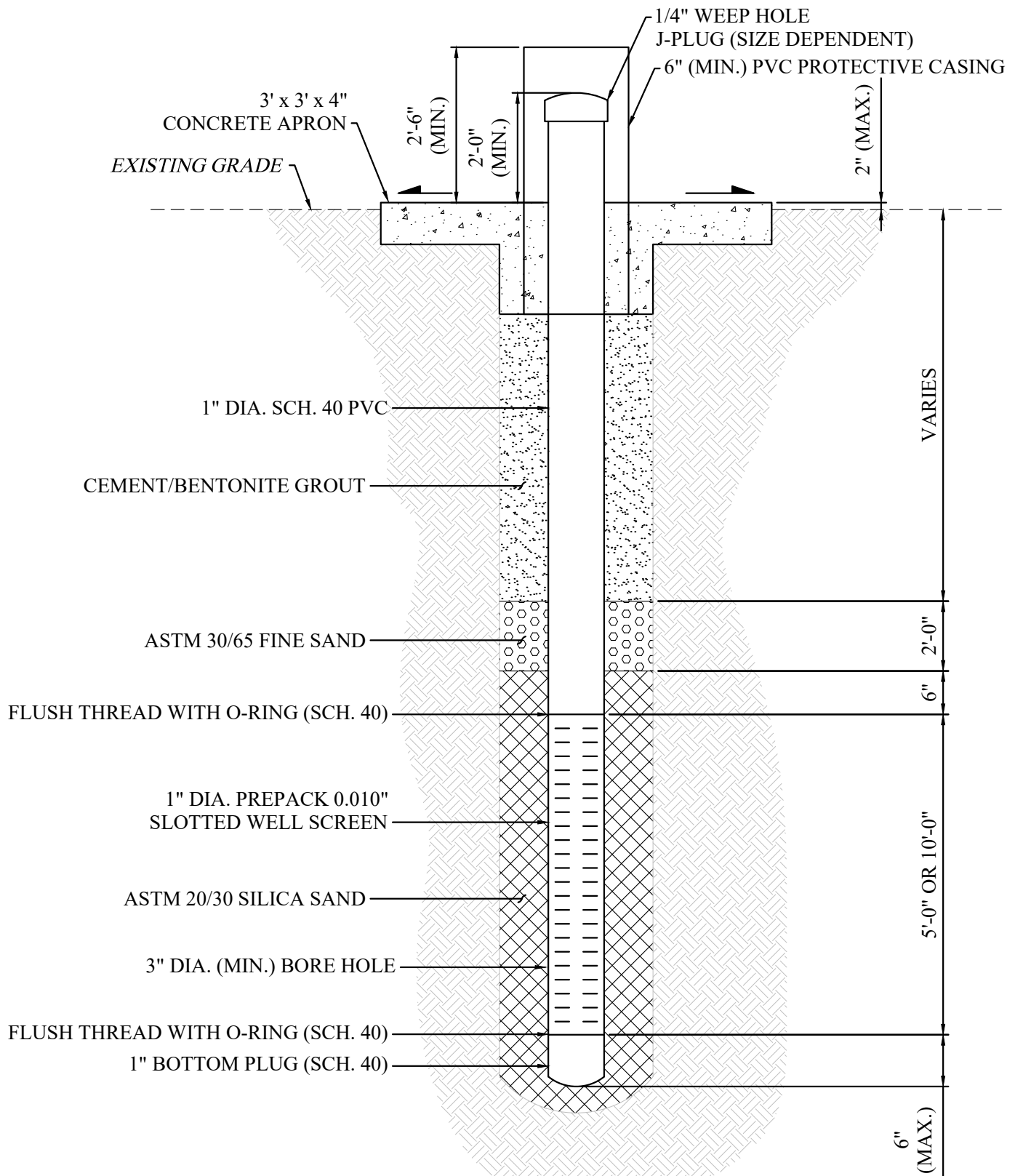
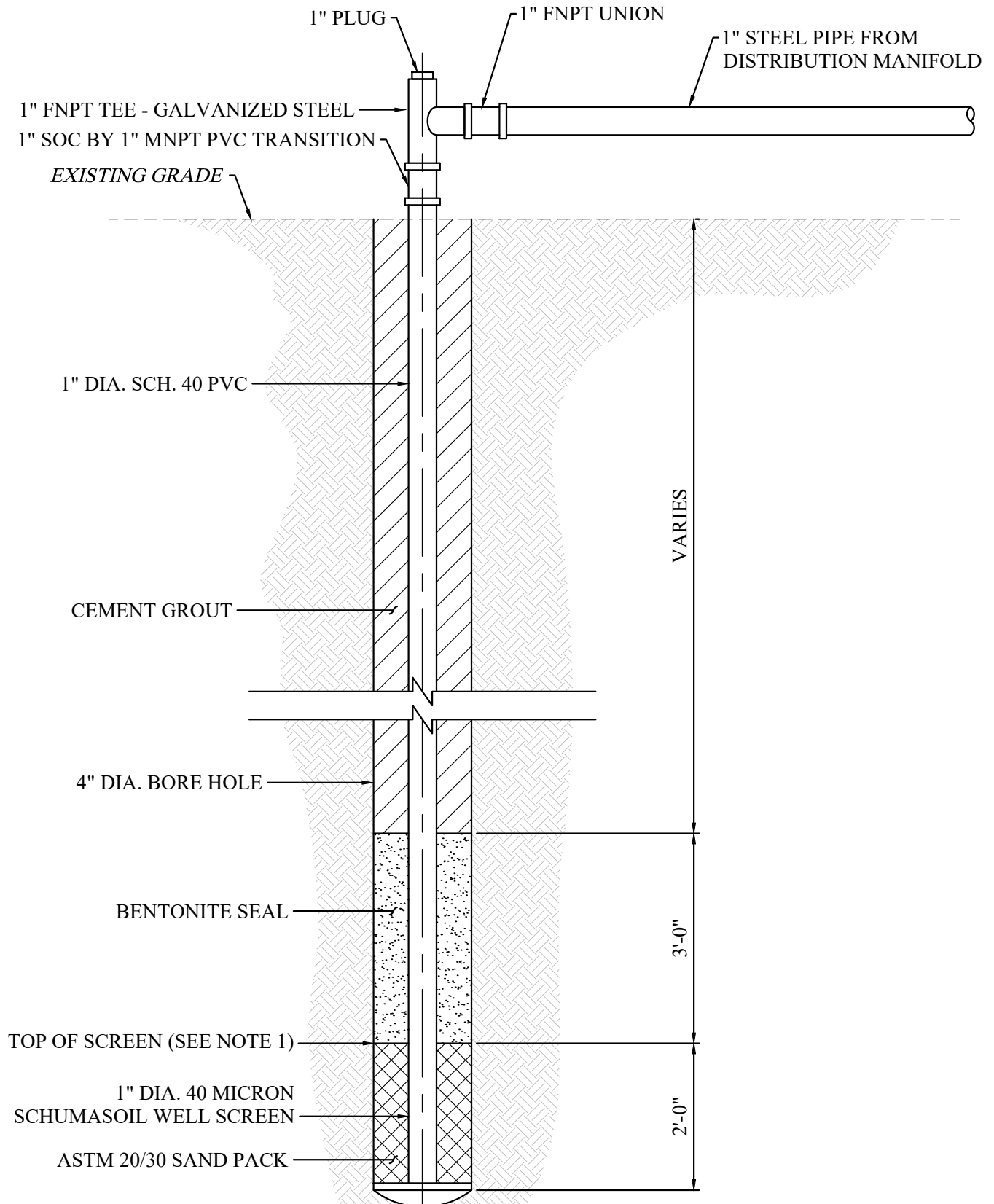




FIGURE A-14 ABOVEGROUND STEEL AIR SPARGING WELL CONSTRUCTION DETAIL  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

CCF East IWP  
Revision 0  
September 2021



Note:

The filter pack will be placed approximately six to twelve inches above the screened interval.

FIGURE A-15 BELOWGROUND AIR SPARGING WELL CONSTRUCTION DETAIL

SWMU 030, KENNEDY SPACE CENTER, FLORIDA

CCF East IWP  
Revision 0  
September 2021

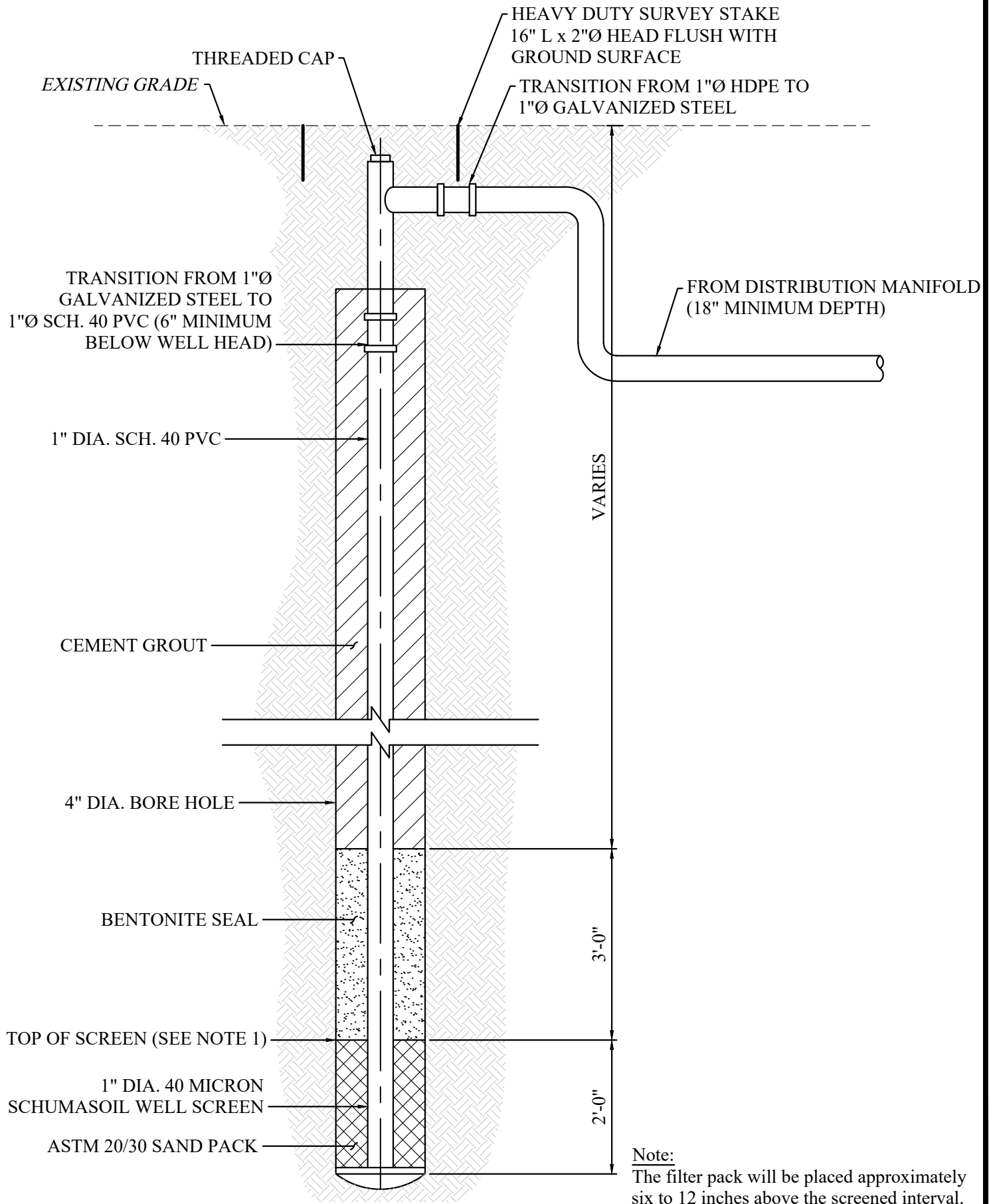


FIGURE A-16 ANGLED AIR SPARGING WELL CONSTRUCTION DETAIL  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

CCF East IWP  
Revision 0  
September 2021

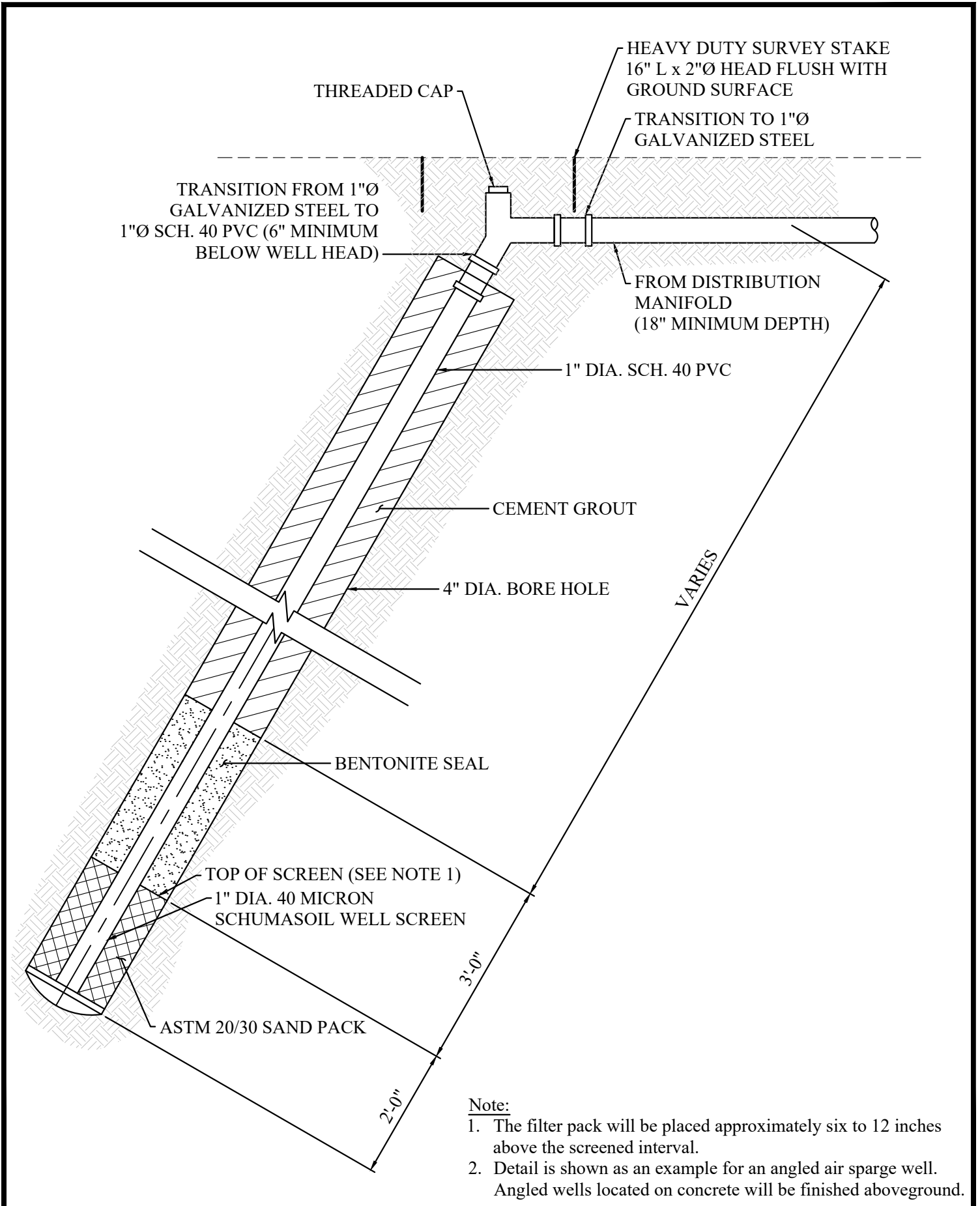
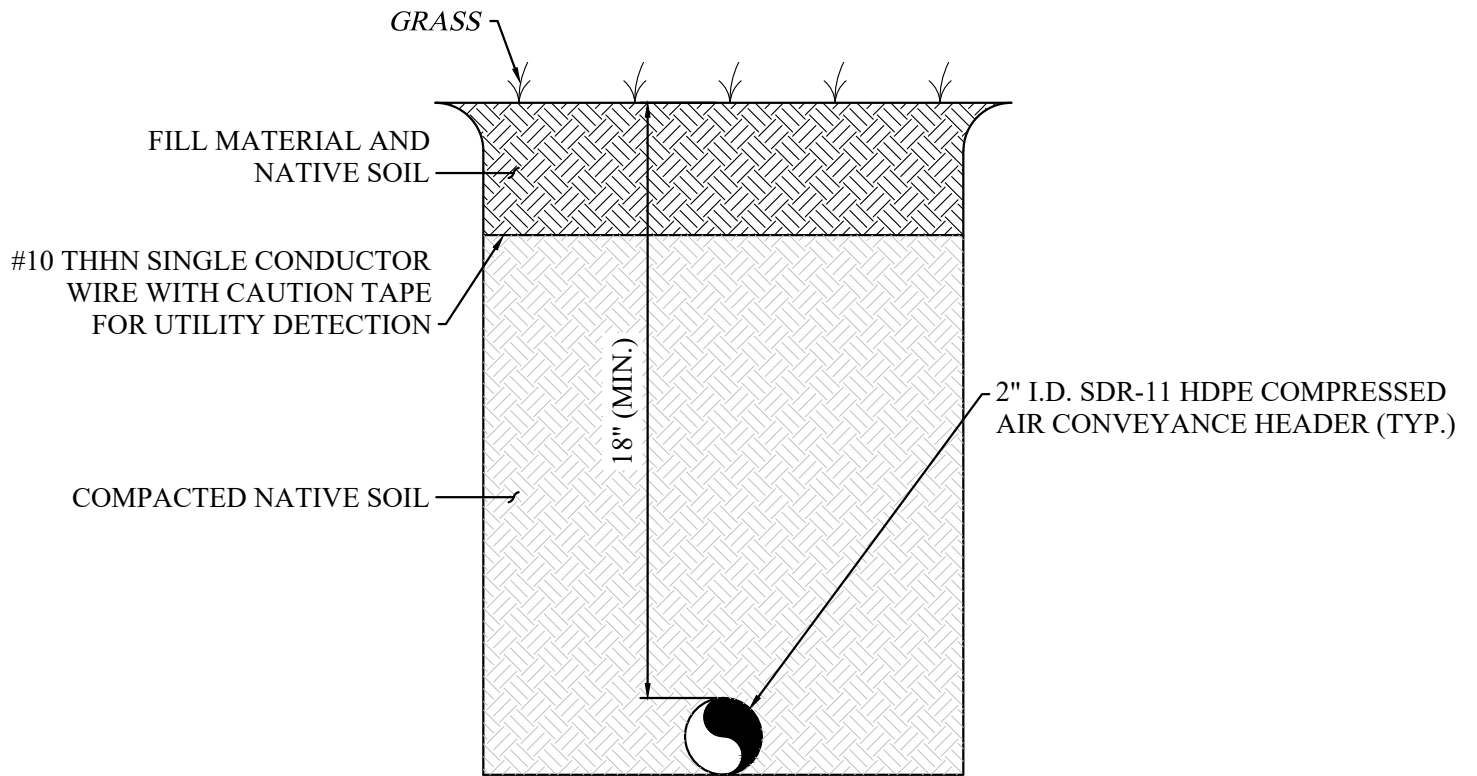
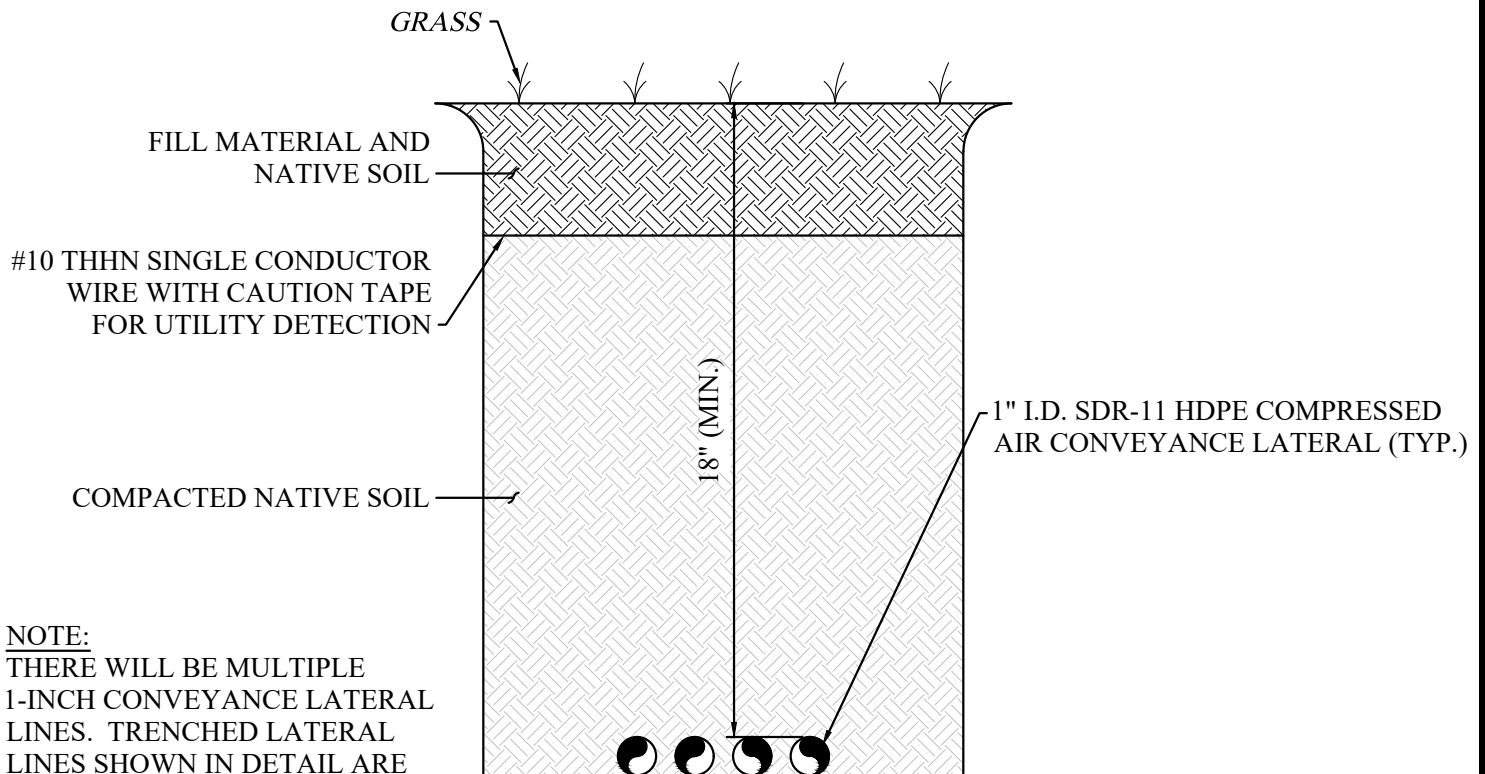


FIGURE A-17 TRENCH CROSS-SECTION DETAIL  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

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September 2021



HEADER TRENCHING CROSS-SECTION

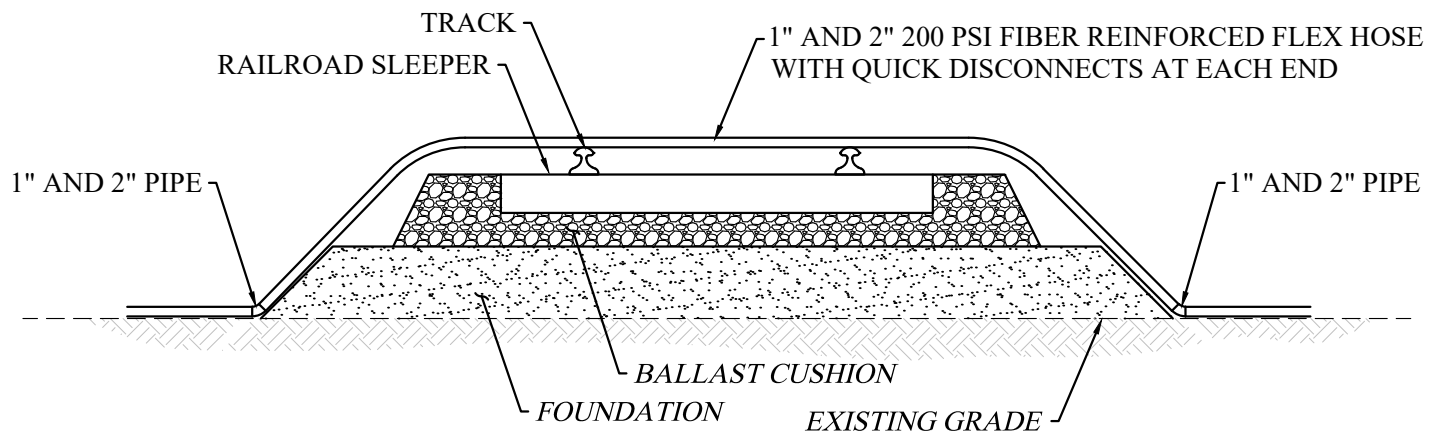


**NOTE:**  
THERE WILL BE MULTIPLE  
1-INCH CONVEYANCE LATERAL  
LINES. TRENCHED LATERAL  
LINES SHOWN IN DETAIL ARE  
FOR VISUAL PURPOSES.

LATERAL TRENCHING CROSS-SECTION

FIGURE A-18 RAILROAD CROSSING CONSTRUCTION DETAIL  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

CCF East IWP  
Revision 0  
September 2021



NOTE: ALL 1-INCH LINES WILL BE CONTAINED IN A LARGER PROTECTIVE PIPE



SWMU 030, KENNEDY SPACE CENTER, FLORIDA

**TO SECOND ENCLOSURE & MANIFOLD ASSEMBLY**

2" NIPPLE  
2" HDPE x STEEL TRANSITION  
SOC x FNPT  
1" PVC HOSE  
1" MNPT x 1/2" FNPT BUSHING  
1/2" MNPT x TUBE SHARKBITE  
1/2" TUBING  
1/2" MNPT x TUBE SHARKBITE  
90° ELBOW  
2" DIA. HDPE  
2" DIA. HDPE SDR11 HEADER (FROM SYSTEM)  
1/2" PORT WITHERSON -- R28 PRESSURE REGULATOR

2"x2"x2" TEE FNPT  
2" NIPPLE  
2"x1" CONC. RED. ELBOW  
1" NIPPLE  
1" CHECK VALVE  
1" NIPPLE  
1" FNPT x 1" BARB ADAPTER  
1" CAMLOCK PLUG x 1" HOSE BARB  
1" CAMLOCK CPL'G. x FNPT

1" TEE  
1" MNPT x 1/2" FNPT BUSHING  
1/2" MNPT x TUBE SHARKBITE  
1/2" TUBING  
1/2" MNPT x TUBE SHARKBITE  
90° ELBOW

1" x 1/2" FNPT TEE  
1" x 1/2" REDUCING NIPPLE  
1/2" ELBOW  
1/2" NIPPLE  
1/2" ELBOW  
1/2" BALL VALVE  
1/2" MNPTxTUBING ELBOW ADAPTER

1/2" POLYURETHANE TUBING (DRAIN LINE)

SEE DETAIL "A"

96" x 84" x 4" CONCRETE PAD

NATIVE SOIL

ALUMINUM MANIFOLD BLOCK WITH TWO 1" DIA. INLETS & ELEVEN 1/2" OUTLET PORTS SEE TABLE ABOVE FOR NUMBER OF FLOW CONTROL ASSEMBLIES PER CABINET PAIR

1/2" MNPT x 1/2" FNPT BUSHING  
1/2" NIPPLE

1" NIPPLE

1" x 1/2" FNPT TEE  
1" x 1/2" REDUCING NIPPLE  
1/2" ELBOW  
1/2" NIPPLE  
1/2" ELBOW  
1/2" BALL VALVE  
1/2" MNPTxTUBING ELBOW ADAPTER

1/2" POLYURETHANE TUBING (DRAIN LINE)

1" x 1/2" BUSHING, BRASS  
MNPT x FNPT  
1/2" POLYURETHANE TUBING  
NORGREN C24470748  
1/2" MNPT x 1/2" TUBING ADAPTER 90° ELBOW

PANEL REAR WALL

1" IPS HDPE x 1" FNPT BRASS TRANSITION

1" DIA. SDR 11 HDPE (TO AS WELL)

1/2" PUSH-CONNECT INLINE CHECK VALVE (OCAIRE AKH13-00)

1/2" POLYURETHANE TUBING FREELIN-WADE 1A-166-01 - 95A PUR 1/2".320x250', TYP.

1/2" PUSH-CONNECT BULKHEAD (REXROTH 432000155)

5/8" METAL BONDED SEALING WASHER - ONE ON EA. WALL SIDE (McMASTER 94709A526)

DRILL 5/8" DIA. HOLE IN REAR PANEL

NORGREN C24470748  
1/2" MNPT x TUBING ELBOW ADAPTER

1/2" MACHINED CAST ACRYLIC ROTAMETER (KING INSTRUMENTS 7205-0072-6-1-A)

1/2" FLOW CONTROL VALVE, BRASS FNPT (DELTROL EN30B)

1/2" MNPT x 1/2" COUPLING PLUG, BRASS (McMASTER 1077T23)

1/2" MNPT x 1/2" PUSH TO CONNECT SOCKET, BRASS (McMASTER 6534K13)

1/2" FNPTxMNPT BALL VALVE MCMaster 47865K43

1/2" ALUMINUM MANIFOLD BLOCK PORT

1/2" MxFxF TEE, BRASS (BRENNAN 5404-08-08-B)

1/4" MNPT PRESSURE GAUGE 0-60 PSIG (WIKA 429 7823)

1/2" x 1/4" BUSHING, BRASS (BRENNAN 5406-08-004-B)

1/2" MNPT x TUBING ELBOW ADAPTER

NOT TO SCALE

NOT TO SCALE

CCF East IWP  
Revision: 0  
September 2021

FIGURE A-20 AIR SPARGING PIPING AND INSTRUMENTATION DIAGRAM

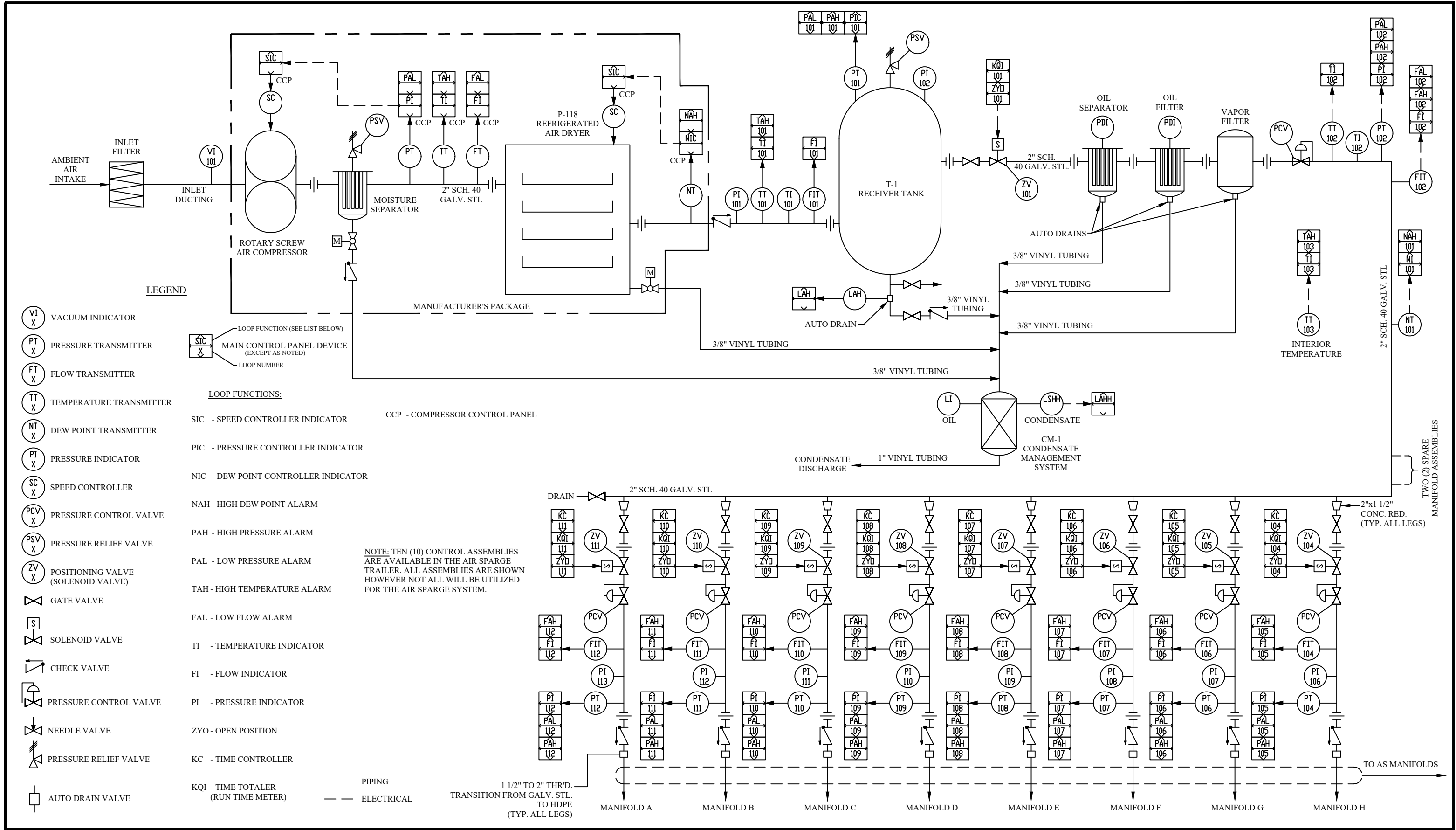
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

SCALE: NOT TO SCALE

CCF East IWP

Revision 0

September 2021



**APPENDIX B**  
**FIELD DOCUMENTATION**

07/22/2020

CCF

Personnel : Chum Sorden (LS) Geologist H  
Molly Rutter (MR) Driller GFI  
Terry Winstead (TW) Tech GFI  
Weather : Cloudy 90°F  
PPE : Level 0

Health & Safety (HAS) : Topics - PPE; Slips-Trips-Falls; IDU  
oxygen : Begin DPT GW investigation

1300 Tr/GPS instr; HAS meeting; GPS tag 1 min; Set up; offloading

1355 Set up on DPT0578; hnd clm 5'

1400 Drilling Commenced

1415 Sample Collected CCF-DPT0578-020.0-20200722 (A) Gray ; Brown silt-sand

1430 Sample Collected CCF-DPT0578-030.0-20200722 (A) Gray ; NO con

1445 Sample Collected CCF-DPT0578-040.0-20200722 (A)

1500 DPT0578 pressure ground 42' to surface type rods; will Decm later

1505 Set up on DPT0579 (B); hnd clm 5'; using fresh reo) screen

1510 Drilling Commenced

1525 Sample Collected CCF-DPT0579-020.0-20200722 (B) Gray ; NO con

1540 Sample Collected CCF-DPT0579-030.0-20200722 (B) Gray ; NO con

1600 Sample Collected CCF-DPT0579-040.0-20200722 (B) Gray ; NO con

- Incident weather approaching; Offsite



07/23/2020

CLF

112609022

Personnel : Chuck Gordon (CS) Geologist Tr  
 Mickey R. Turner (MR) Driller GTS  
 Terry W. Hestand (TW) Tech GTS

Weather : Cloudy / Rain ; 83°F SC9

PPE : Level D SC8, S70, SS3, SB

Hazards : Safety (HAS) : Topics - lightning, slips - trips - falls, PPE

Objective : Confirm DTS & W. investigation

0630 GTS arrive

0645 CS on site; HAS meeting; Daily prep

0700 DPT0579 pressure grout 42' TO surface thru rods; Casing Decen Pi

0715 Phase II

0830 Phase II terminated; Resume Construction

0930 Rods : Tooling decen'd n / screen

0950 Setup on CLF-DPT0578 - Collecting 10' Sample; Step 1, 3' W; had clean S'

1000 Drilling Commenced

1010 Sample collected CLF-DPT0578-010.0-20200723 (A) Brown ; Anno Odor

1015 DPT0578 pressure grout 12' TO surface thru rods;

1020 Drilling DPT0579 (B); previously had clean S'; using Fresh rods / screen

1030 Sample collected CLF-DPT0579-010.0-20200723 (B) Grey ; Anno Odor

1035 DPT0579 pressure grout 12' TO surface thru rods

1040 Setup on DPT0580 (C); had clean S'; mud 3' N

1045 Drilling Commenced

1055 Sample collected CLF-DPT0580-010.0-20200723 (C) Brown ; Sulfur odor

1105 Sample collected CLF-DPT0580-020.0-20200723 (C) Grey ; NO odor

~~1120 Sample collected CLF-DPT0580-030.0-20200723 (C) Grey ; NO odor~~

1110 Phase II

1145 Phase II terminated

1155 Sample collected CLF-DPT0580-030.0-20200723 (C) Grey ; NO odor

1210 Sample collected CLF-DPT0580-040.0-20200723 (C) Grey ; NO odor

1225 DPT0580 pressure grout 42' TO surface thru rods

1230 Drilling Commenced DPT0581 (D); previously had clean S'

1240 Sample collected CLF-DPT0581-010.0-20200723 (D) Grey ; NO odor

1250 Sample collected CLF-DPT0581-020.0-20200723 (D) Grey ; NO odor

1305 Sample collected CLF-DPT0581-030.0-20200723 (D) Grey ; NO odor

1320 Sample collected CLF-DPT0581-040.0-20200723 (D) Grey ; NO odor

1335 DPT0581 pressure grout 42' TO surface thru rods; Decen Pi

1405 Setup on DPT0588; had clean S'; using 1' Screens

1410 Drilling Commenced

1430 Sample collected CLF-DPT0588-060.0-20200723 (SC8) Grey ; Anno Odor

1445 Sample collected CLF-DPT0588-059.0-20200723 (SC8) Grey ; Burnt odor

1500 Sample collected CLF-DPT0588-058.0-20200723 (SC8) Grey ; Burnt odor

Scale: 1 square =

Rate in the Rain



07/23/2020

CCF

1126089022

|      |                  |                            |       |     |            |
|------|------------------|----------------------------|-------|-----|------------|
| 1515 | Sample Collected | CCF-DP10568-057.0-20200723 | (568) | Grg | ; Bunt Odr |
| 1530 | Sample Collected | CCF-DP10568-056.0-20200723 | (568) | Grg | ; Bunt Odr |
| 1545 | Sample Collected | CCF-DP10568-055.0-20200723 | (568) | Grg | ; Bunt Odr |
| 1600 | Sample Collected | CCF-DP10568-054.0-20200723 | (568) | Grg | ; Bunt Odr |
| 1615 | Sample Collected | CCF-DP10568-053.0-20200723 | (568) | Grg | ; Bunt Odr |
| 1630 | Sample Collected | CCF-DP10568-052.0-20200723 | (568) | Grg | ; Bunt Odr |



07/24/2020

CLF

112609022

Personnel : Chuck Sorden (CS) Geologist TR  
 Mickey R. Miller (MR) Miller GPS  
 Terry Winstead (TW) Team GPS

Weather : Sunny 79°F

PPE : Level D

Health : Safety (HAS) : Topics - PPE; TCE; Dioxin

Objective : Complete DPT GW investigation

0630 Tr/GPS on site; HAS meeting; Daily prep; Decon

0645 Set up on DPT0570; Hand clean S'

0655 Drilling Commenced

0715 Sample Collected CLF-DPT0570-060.0-20200723/4 (570) Gng ; No con

0730 Sample Collected CLF-DPT0570-059.0-20200723/4 (570) Gng ; Chem con

0745 Sample Collected CLF-DPT0570-058.0-20200723/4 (570) Gng ; Chem con

0800 Sample Collected CLF-DPT0570-057.0-20200723/4 (570) Gng ; Chem con

0815 Sample Collected CLF-DPT0570-056.0-20200723/4 (570) Gng ; Chem con

0830 Sample Collected CLF-DPT0570-055.0-20200723/4 (570) Gng ; NO con

0845 Sample Collected CLF-DPT0570-054.0-20200723/4 (570) Gng ; NO con

0900 Sample Collected CLF-DPT0570-053.0-20200723/4 (570) Gng ; NO con

0915 Sample Collected CLF-DPT0570-052.0-20200723/4 (570) Gng ; NO con

0935 DPT0570 pressure grouted 6' to surface + top reds; Deconing

0945 Bury Redd/Today decon'd w/ steam

0945 Drilling DPT0553; previously hand cleaned S'

1000 Sample Collected CLF-DPT0553-060.0-20200723/4 (553) Gng ; Chem con

-Preliminary Formation Logs of SH

1015 Sample Collected CLF-DPT0553-059.0-20200723/4 (553) Gng ; Chem con

1030 Sample Collected CLF-DPT0553-058.0-20200723/4 (553) Gng ; Chem con

1045 Sample Collected CLF-DPT0553-057.0-20200723/4 (553) Gng ; Chem con

1100 Sample Collected CLF-DPT0553-056.0-20200723/4 (553) Gng ; Chem con

1115 Sample Collected CLF-DPT0553-055.0-20200723/4 (553) Gng ; Chem con

1130 Sample Collected CLF-DPT0553-054.0-20200723/4 (553) Gng ; Chem con

1145 Sample Collected CLF-DPT0553-053.0-20200723/4 (553) Gng ; NO con

1200 Sample Collected CLF-DPT0553-052.0-20200723/4 (553) Gng ; NO con

1220 DPT0553 pressure grouted 6' to surface + top reds; Deconing

1240 Drilling DPT0569

1255 Sample Collected CLF-DPT0569-060.0-20200723/4 (569) Gng ; NO con

1310 Sample Collected CLF-DPT0569-059.0-20200723/4 (569) Gng ; NO con

1325 Sample Collected CLF-DPT0569-058.0-20200723/4 (569) Gng ; NO con

1340 Sample Collected CLF-DPT0569-057.0-20200723/4 (569) Gng ; NO con

1355 Sample Collected CLF-DPT0569-056.0-20200723/4 (569) Gng ; NO con

1410 Sample Collected CLF-DPT0569-055.0-20200723/4 (569) Gng ; NO con

1425 Sample Collected CLF-DPT0569-054.0-20200723/4 (569) Gng ; NO con

Scale: 1 square =

✓ 92

Rite in the Rain



07/24/2020

CCF

112609022

- 1440 Sample Collected CCF-DPT0569-053.0-20200724 (SEA) Gny ; NO OA  
1455 Sample Collected CCF-DPT0569-052.0-20200724 (SEA) Gny ; NO OA  
1515 DPT0569 pressure Gravel 61' TO surface thru rods; Demco/ Decon  
1530 Sample Collected CCF-DRUM220288-20200724  
1540 Sample Collected CCF-DRUM220<sup>289</sup>~~288~~-20200724  
1550 Sample Collected CCF-DRUM220289-20200724

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/22/2020 and 07/23/2020

Sample ID: CCF-DPT0578  
Location: A  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/22/2020 and 07/23/2020

Sample ID: CCF-DPT0579  
Location: B  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/23/2020

Sample ID: CCF-DPT0580  
Location: C  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/23/2020

Sample ID: CCF-DPT0581  
Location: D  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/23/2020

Sample ID: CCF-DPT0568  
Location: 568  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/24/2020

Sample ID: CCF-DPT0570  
Location: 570  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/24/2020

Sample ID: CCF-DPT0553  
Location: 553  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 07/24/2020

Sample ID: CCF-DPT0569  
Location: 569  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



12/07/20

CCF

112604022

Personnel : Chuck Sorden (CS) Geologist TH  
 Michy R. T. (MR) Driller GPS  
 Terry Linsford (TL) Tech GPS  
 Weather : Cloudy / Mist 57°F  
 PPE : Level D

Health & Safety (H&S) : Topics - PPE; SSHASP; IDW

Objective : Began DPT Investigation

1300 Tr/GPS on site; HAS meeting; Setup  
 1320 Set up on DPT0582 (BB); had clean S'  
 1325 Drilling Commenced  
 1335 Sample Collected ~~CCF~~ DPT0582-010.0-20201207 (BB) Brown ; Organic Odor  
 1350 Sample Collected CCF-DPT0582-020.0-20201207 (BB) ~~Brown~~ ; No odor  
 1405 Sample Collected CCF-DPT0582-030.0-20201207 (BB) Grey  
 1415 DPT0582 pressure Grout 32' to surface thru rods  
 1420 Drilling DPT0583 (CC); had clean S'  
 1430 Sample Collected CCF-DPT0583-010.0-20201207 (CC) Brown ; Organic Odor  
 1445 Sample Collected CCF-DPT0583-020.0-20201207 (CC) Grey ; No odor  
 1500 Sample Collected CCF-DPT0583-030.0-20201207 (CC) Grey ; No odor  
 1510 DPT0583 pressure Grout 32' to surface thru rods  
 1515 Drilling DPT0534; had clean S'  
 1525 Sample Collected CCF-DPT0534-010.0-20201207 <sup>S34</sup> (CC) Brown Grey ; Organic Odor  
 1535 Sample Collected CCF-DPT0534-015.0-20201207 <sup>S35</sup> (C) Grey ; No odor  
 1550 Sample Collected CCF-DPT0534-020.0-20201207 (SS4) Grey ; No odor  
 1600 DPT0534 pressure Grout 22' to surface thru rods  
 1605 Drilling DPT0584 (DD); had clean S'  
 1615 Sample Collected CCF-DPT0584-010.0-20201207 (DD) Grey ; No odor  
 1630 Sample Collected CCF-DPT0584-020.0-20201207 (DD) Grey ; No odor  
 1645 Sample Collected CCF-DPT0584-030.0-20201207 (DD) Grey ; No odor  
 1655 DPT0584 pressure Grout 32' to surface thru rods; Decending  
 1730 Offsite



12/08/2020

CCF

112609022

Personnel : Chuck Sorden (CS) Geologist Tr  
 Mickey Ritten (MR) Driller GPS  
 Terry Hirstend (TH) Team GPS

Weather : Clear 44°F

PPE : Level D

Hazards : Safety (HAS) : Topline - PPE; Cold; Rending Safety

Objective : Continue DPTG investigation

|      |                                                           |                            |                                            |                     |
|------|-----------------------------------------------------------|----------------------------|--------------------------------------------|---------------------|
| 0700 | Tr/GPS in Site; HAS met; Daily pop; May also Rd           |                            |                                            |                     |
| 0735 | Setup on DPT0585 (A); had clear 5'                        |                            | JJ-10, 20, 30, 40, 45                      |                     |
| 0745 | Drilling Commenced                                        |                            | 502-10, 20, 30, 35, 40, 45, 50, 55, 60, 65 |                     |
| 0755 | Sample Collected                                          | CCF-DPT0585-010.0-20201208 | (A)                                        | Brown; Organ odor   |
| 0810 | Sample Collected                                          | CCF-DPT0585-020.0-20201208 | (A)                                        | Grey; NO odor       |
| 0825 | Sample Collected                                          | CCF-DPT0585-030.0-20201208 | (A)                                        | Grey; NO odor       |
| 0840 | Sample Collected                                          | CCF-DPT0585-040.0-20201208 | (A)                                        | Grey; NO odor       |
| 0850 | DPT0585 pressure Grouted 42' to surface thru rods         |                            |                                            |                     |
| 0900 | Drilling DPT0586 (B); had clear 5'                        |                            |                                            |                     |
| 0910 | Sample Collected                                          | CCF-DPT0586-010.0-20201208 | (B)                                        | Grey; NO odor       |
| 0925 | Sample Collected                                          | CCF-DPT0586-020.0-20201208 | (B)                                        | Grey; NO odor       |
| 0940 | Sample Collected                                          | CCF-DPT0586-030.0-20201208 | (B)                                        | Grey; NO odor       |
| 0955 | Sample Collected                                          | CCF-DPT0586-040.0-20201208 | (B)                                        | Grey; NO odor       |
| 1005 | DPT0586 pressure Grouted 42' to surface thru rods         |                            |                                            |                     |
| 1010 | Drilling DPT0587 (C); had clear 5'                        |                            |                                            |                     |
| 1020 | Sample Collected                                          | CCF-DPT0587-010.0-20201208 | (C)                                        | Grey; NO odor       |
| 1035 | Sample Collected                                          | CCF-DPT0587-020.0-20201208 | (C)                                        | Grey; NO odor       |
| 1055 | Sample Collected                                          | CCF-DPT0587-030.0-20201208 | (C)                                        | Grey; NO odor       |
| 1115 | Sample Collected                                          | CCF-DPT0587-040.0-20201208 | (C)                                        | Grey; NO odor       |
| 1125 | DPT0587 pressure Grouted 42' to surface thru rods; Decamp |                            |                                            |                     |
| 1150 | Rig, rods; Tool down'd w/ steam                           |                            |                                            |                     |
| 1200 | Drilling DPT0588 (SS); had clear 5'                       |                            | JJ                                         |                     |
| 1210 | Sample Collected                                          | CCF-DPT0588-010.0-20201208 | JJ (SS)                                    | Brown; Organic odor |
| 1225 | Sample Collected                                          | CCF-DPT0588-020.0-20201208 | JJ (SS)                                    | Grey; NO odor       |
| 1245 | Sample Collected                                          | CCF-DPT0588-030.0-20201208 | JJ (SS)                                    | Grey; NO odor       |
| 1300 | Sample Collected                                          | CCF-DPT0588-040.0-20201208 | JJ (SS)                                    | Grey; NO odor       |
| 1320 | Sample Collected                                          | CCF-DPT0588-045.0-20201208 | JJ (SS)                                    | Grey; NO odor       |
| 1335 | DPT0588 pressure Grouted 47' to surface thru rods         |                            |                                            |                     |
| 1345 | Drilling DPT0502                                          |                            |                                            |                     |
| 1400 | Sample Collected                                          | CCF-DPT0502-065.0-20201208 | (SS2)                                      | Grey; NO odor       |
| 1415 | Sample Collected                                          | CCF-DPT0502-060.0-20201202 | (SS2)                                      | Grey; NO odor       |
| 1430 | Sample Collected                                          | CCF-DPT0502-055.0-20201202 | (SS2)                                      | Grey; NO odor       |
| 1445 | Sample Collected                                          | CCF-DPT0502-050.0-20201202 | (SS2)                                      | Grey; NO odor       |
| 1500 | Sample Collected                                          | CCF-DPT0502-045.0-20201202 | (SS2)                                      |                     |



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|      |        |           |                            |       |      |          |
|------|--------|-----------|----------------------------|-------|------|----------|
| 1515 | Sample | Collected | CCF-DPT0502-040.0-20201208 | (502) | Grey | ; NO Cam |
| 1530 | Sample | Collected | CCF-DPT0502-035.0-20201208 | (502) | Grey | ; NO Cam |
| 1545 | Sample | Collected | CCF-DPT0502-030.0-20201208 | (502) | Grey | ; NO Cam |
| 1600 | Sample | Collected | CCF-DPT0502-020.0-20201208 | (502) | Grey | ; NO Cam |
| 1615 | Sample | Collected | CCF-DPT0502-010.0-20201208 | (502) | Grey | ; NO Cam |
| 1630 | IT/GPS | Officer   |                            |       |      |          |



12/01/2020

CCF

112609022

Personnel : Chuck Sorden (CS) Geologist TT  
 Michy R. rrr (MR) Driller GPI  
 Terry Winslow (TW) Tech GPI

Weather : Sunny 38°F

PPE : Level D

Health & Safety (HAS) : Topics - COVID-19; PPE; Roadway Safety

Objective : Continue DPT GW Sampling

0650 TT/GPI on site; HAS meeting; Daily Prep

0715 DPT0502 pressure grouted 67' to surface thru rods

0735 Rig, Rods; Tooling Decen'd w/ Steam

0745 Drilling DPT0513; hand cleared 5'

0805 Sample Collected CCF-DPT0513-050.0-20201209 (513) Grg ; NO odor

0820 Sample Collected CCF-DPT0513-045.0-20201209 (513) Grg ; NO odor

0835 Sample Collected CCF-DPT0513-040.0-20201209 (513) Grg ; NO odor

0850 Sample Collected CCF-DPT0513-035.0-20201209 (513) Grg ; NO odor

0905 Sample Collected CCF-DPT0513-030.0-20201209 (513) Grg ; NO odor

0920 Sample Collected CCF-DPT0513-020.0-20201209 (513) Grg ; NO odor

0935 Sample Collected CCF-DPT0513-010.0-20201209 (513) Grg ; NO odor

0950 DPT0513 pressure grouted 52' to surface thru rods

0955 Set on DPT0501; tool down 5'

1000 Drilling Commenced

1025 Sample Collected CCF-DPT0501-065.0-20201209 (501) Grg ; NO odor

1040 Sample Collected CCF-DPT0501-060.0-20201209 (501) Grg ; NO odor

1055 Sample Collected CCF-DPT0501-055.0-20201209 (501) Grg ; NO odor

1110 Sample Collected CCF-DPT0501-050.0-20201209 (501) Grg ; NO odor

1125 Sample Collected CCF-DPT0501-045.0-20201209 (501) Grg ; NO odor

1140 Sample Collected CCF-DPT0501-040.0-20201209 (501) Grg ; NO odor

1155 Sample Collected CCF-DPT0501-035.0-20201209 (501) Grg ; NO odor

1220 Sample Collected CCF-DPT0501-030.0-20201209 (501) Grg ; NO odor

1235 Sample Collected CCF-DPT0501-020.0-20201209 (501) Grg ; NO odor

1250 CCF Sample Collected CCF-DPT0501-010.0-20201209 (501) Grg ; NO odor

1310 DPT0501 pressure grouted 67' to surface thru rods; TW Decenning

1315 Drilling CCF-DPT0500

1330 Sample Collected CCF-DPT0500-050.0-20201209 (500) Grg ; NO odor

1345 Sample Collected CCF-DPT0500-045.0-20201209 (500) Grg ; NO odor

1400 Sample Collected CCF-DPT0500-040.0-20201209 (500) Grg ; NO odor

1415 Sample Collected CCF-DPT0500-035.0-20201209 (500) Grg ; NO odor

1430 Sample Collected CCF-DPT0500-030.0-20201209 (500) Grg ; NO odor

1445 Sample Collected CCF-DPT0500-020.0-20201209 (500) Grg ; NO odor

1500 Sample Collected CCF-DPT0500-010.0-20201209 (500) Grg ; NO odor

1515 DPT0500 pressure Grouted 52' to surface thru rods



12/09/2020

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112609022

1330 Rig, Red3, 1 Tooling Decen'd w/ stream  
 1545 Drilling DPT0589 (K); had clouds  
 1555 Sample Collected CCF-DPT0589-010.0-20201209 (K) Green ; Green: Oden  
 1610 Sample Collected CCF-DPT0589-020.0-20201209 (K) Green ; NO Oden  
 1625 Sample Collected CCF-DPT0589-030.0-20201209 (K) Grey ; NO Oden  
 1640 Offsite



12/10/2020

CCF

112605020

Personnel : Chuck Serden (CS) Geologist Tr  
 Mickey Ritten (MR) Driller GPS  
 Terry Winstead (TW) Team GPS

Weather : Sunny 46°F

APR : Level 0

Health & Safety (H&S) : Topics - PPE; Ready Safety; IDW

Objectives : Confirm DPT Gw investigation

0645 Tr/GPS on site; HAS meeting; Daily prep

0715 Drilling resumed on DPT0589

0725 Sample Collected CCF-DPT0589-040.0-20201210 (K) Grgy ; NO con

0745 Sample Collected CCF-DPT0589-045.0-20201210 (K) Grgy ; NO con

0805 Sample Collected CCF-DPT0589-050.0-20201210 (K) Grgy ; NO con

0815 DPT0589 pressure Gravel 52' to surface thru rods; The Decaying

0835 Drilling DPT0590 (L); had closed 5'

0845 Sample Collected CCF-DPT0590-010.0-20201210 (L) Grgy ; NO con

0855 Sample Collected CCF-DPT0590-020.0-20201210 (L) Grgy ; NO con

0915 Sample Collected CCF-DPT0590-030.0-20201210 (L) Grgy ; NO con

0930 Sample Collected CCF-DPT0590-040.0-20201210 (L) Grgy ; NO con

0945 Sample Collected CCF-DPT0590-045.0-20201210 (L) Grgy ; NO con

1005 Sample Collected CCF-DPT0590-050.0-20201210 (L) Grgy ; NO con

1020 DPT0590 pressure Gravel 52' to surface thru rods; Decaying

1035 Drilling DPT0591 (M); had closed 5'

1045 Sample Collected CCF-DPT0591-010.0-20201210 (M) Grgy ; NO con

1100 Sample Collected CCF-DPT0591-020.0-20201210 (M) Grgy ; NO con

1115 Sample Collected CCF-DPT0591-030.0-20201210 (M) Grgy ; NO con

1130 Sample Collected CCF-DPT0591-040.0-20201210 (M) Grgy ; NO con

1150 Sample Collected CCF-DPT0591-045.0-20201210 (M) Grgy ; NO con

1225 Sample Collected CCF-DPT0591-050.0-20201210 (M) Grgy ; NO con

1240 DPT0591 pressure Gravel 52' to surface thru rods; Decaying

1300 Drilling DPT0592 (N); had closed 5'

1310 Sample Collected CCF-DPT0592-010.0-20201210 (N) Brn Grgy ; Open con

1325 Sample Collected CCF-DPT0592-020.0-20201210 (N) Brn Grgy ; NO con

1340 Sample Collected CCF-DPT0592-025.0-20201210 (N) Brn ; NO con

1355 Sample Collected CCF-DPT0592-030.0-20201210 (N) Grgy ; NO con

1410 Sample Collected CCF-DPT0592-035.0-20201210 (N) Grgy ; NO con

1425 Sample Collected CCF-DPT0592-040.0-20201210 (N) Grgy ; NO con

1440 Sample Collected CCF-DPT0592-045.0-20201210 (N) Grgy ; NO con

1455 Sample Collected CCF-DPT0592-050.0-20201210 (N) Grgy ; NO con

1505 DPT0592 pressure Gravel 52' to surface; The Decaying

1510 Drilling DPT0593 (U); had closed 5'

1520 Sample Collected CCF-DPT0593-010.0-20201210 (U) Brn Grgy ; Open con

Scale: 1 square =

Rite in the Rain



12/10/2020

CCF

112609022

|      |                  |                            |     |       |          |
|------|------------------|----------------------------|-----|-------|----------|
| 1535 | Sample Collected | CCF-DPT0593-020.0-20201210 | (U) | Brown | ; Gy oar |
| 1555 | Sample Collected | CCF-DPT0593-030.0-20201210 | (U) | Grey  | ; NO oar |
| 1615 | Sample Collected | CCF-DPT0593-040.0-20201210 | (U) | Grey  | ; NO oar |
| 1635 | Sample Collected | CCF-DPT0593-045.0-20201210 | (U) | Grey  | ; NO oar |

-Replace Fuel Filter on Rig

1705  
~~1700~~ Offsite



12/11/2020

CCF

112609022

Personnel : Chuck Sorden (CS) Geologist Tr  
 Mickey Ritten (MR) Driller GPS  
 Terry Linsford (TL) Tech GPS

Location :

PPE : Level D

VXQP

Health : Safety (HAS) : Topics ~

Objectives : Continue DPT GW Investigation

X-10, 20, 30, 35, 40, 45, 50

0645 Tr/GPS onsite; HAS meeting; Daily log  
 0710 DPT0593 pressure Gravel 47' to surface try reds; Tr Drilling  
 0730 Drilling DPT0594(V)  
 0740 Sample Collected CCF-DPT0594-010.0-20201211 (V) Brown ; Organic odor  
 0755 Sample Collected CCF-DPT0594-020.0-20201211 (V) Brown ; NO odor  
 0815 Sample Collected CCF-DPT0594-030.0-20201211 (V) Gray ; NO odor  
 0835 Sample Collected CCF-DPT0594-040.0-20201211 (V) Gray ; NO odor  
 0855 Sample Collected CCF-DPT0594-045.0-20201211 (V) Gray ; NO odor  
 0910 DPT0594 pressure Gravel 47' to surface try reds  
 0920 Drilling DPT0595 (X); had cleaned S  
 0930 Sample Collected CCF-DPT0595-010.0-20201211 (X) Brown ; Organic odor  
 0940 Sample Collected CCF-DPT0595-020.0-20201211 (X) Brown ; NO odor  
 1000 Sample Collected CCF-DPT0595-030.0-20201211 (X) Gray ; NO odor  
 1020 Sample Collected CCF-DPT0595-035.0-20201211 (X) Gray ; NO odor  
 1035 Sample Collected CCF-DPT0595-040.0-20201211 (X) Gray ; NO odor  
 1055 Sample Collected CCF-DPT0595-045.0-20201211 (X) Gray ; NO odor  
 1110 Sample Collected CCF-DPT0595-050.0-20201211 (X) Gray ; NO odor  
 1125 DPT0595 pressure Gravel 52' to surface  
 1150 Rig, reds; Toolbox Dec'd w/ stream  
 1200 Drilling DPT0596 (P); had cleaned S'  
 1210 Sample Collected CCF-DPT0596-010.0-20201211 (P) Brown ; Organic odor  
 1225 Sample Collected CCF-DPT0596-020.0-20201211 (P) Brown ; NO odor  
 1245 Sample Collected CCF-DPT0596-030.0-20201211 (P) Gray ; NO odor  
 1305 Sample Collected CCF-DPT0596-040.0-20201211 (P) Gray ; NO odor  
 1320 DPT0596 pressure Gravel 42' to surface try reds  
 1330 Drillers RT Drilling DPT0597 (G); had cleaned S'  
 1345 Sample Collected CCF-DPT0597-010.0-20201211 (P) Brown ; Organic odor  
 1400 Sample Collected CCF-DPT0597-020.0-20201211 (P) Brown ; NO odor  
 1420 Sample Collected CCF-DPT0597-030.0-20201211 (P) Gray ; NO odor  
 1440 Sample Collected CCF-DPT0597-040.0-20201211 (P) Gray ; NO odor  
 1455 DPT0597 pressure Gravel 42' to surface try reds  
 1520 Rig, reds; Toolbox Dec'd w/ stream  
 1530 Offsite



12/14/20

CCF

112609022

Personnel : Chvuka Sorden (CS) Geologist Tr  
 M. R. R. (MR) Driller GPI  
 Teng. Linstead (TL) Tech GPI

Weather : Sunny 72°F

0-30', 35', 40', 45', 50'

PPE : Low D

Hazard : Safety (HMS) : Topics - PPE; Wildlife; Hydration

Objective : Continue DPT GW Sampling

|      |                                                   |      |     |  |        |
|------|---------------------------------------------------|------|-----|--|--------|
| 0800 | Tr/GPI instr; HAS meeting; Daily Rep              |      |     |  |        |
| 0900 | Drilling CCF-DPT0598(1); hand cleaned 5'          |      |     |  |        |
| 0915 | Sample Collected CCF-DPT0598-025.0-20201214       | (Y)  | Grg |  | NO Odr |
| 0930 | Sample Collected CCF-DPT0598-030.0-20201214       | (Y)  | Grg |  | NO Odr |
| 0950 | Sample Collected CCF-DPT0598-035.0-20201214       | (Y)  | Grg |  | NO Odr |
| 1005 | Sample Collected CCF-DPT0598-040.0-20201214       | (Y)  | Grg |  | NO Odr |
| 1015 | DPT0598 pressure grout 42' to surface ty rods     |      |     |  |        |
| 1020 | Drilling DPT0599(2); hand cleaned 5'              |      |     |  |        |
| 1035 | Sample Collected CCF-DPT0599-025.0-20201214       | (Z)  | Grg |  | NO Odr |
| 1050 | Sample Collected CCF-DPT0599-030.0-20201214       | (Z)  | Grg |  | NO Odr |
| 1105 | Sample Collected CCF-DPT0599-035.0-20201214       | (Z)  | Grg |  | NO Odr |
| 1120 | Sample Collected CCF-DPT0599-040.0-20201214       | (Z)  | Grg |  | NO Odr |
| 1130 | CCF-DPT0599-pressure grout 42' to surface ty rods |      |     |  |        |
| 1140 | Drilling CCF-DPT0600(AA); hand cleaned 5'         |      |     |  |        |
| 1155 | Sample Collected CCF-DPT0600-025.0-20201214       | (AA) | Grg |  | NO Odr |
| 1210 | Sample Collected CCF-DPT0600-030.0-20201214       | (AA) | Grg |  | NO Odr |
| 1225 | Sample Collected CCF-DPT0600-035.0-20201214       | (AA) | Grg |  | NO Odr |
| 1245 | Sample Collected CCF-DPT0600-040.0-20201214       | (AA) | Grg |  | NO Odr |
| 1300 | DPT0600 pressure grout 42' to surface ty rods     |      |     |  |        |
| 1320 | Rig, rods; tooling decont w/ steam                |      |     |  |        |
| 1325 | Drilling DPT0601(O); hand cleaned 5'              |      |     |  |        |
| 1335 | Sample Collected CCF-DPT0601-030.0-20201214       | (O)  | Grg |  | NO Odr |
| 1350 | Sample Collected CCF-DPT0601-035.0-20201214       | (O)  | Grg |  | NO Odr |
| 1405 | Sample Collected CCF-DPT0601-040.0-20201214       | (O)  | Grg |  | NO Odr |
| 1420 | Sample Collected CCF-DPT0601-045.0-20201214       | (O)  | Grg |  | NO Odr |
| 1435 | Sample Collected CCF-DPT0601-050.0-20201214       | (O)  | Grg |  | NO Odr |
| 1445 | DPT0601 pressure grout 52' to surface ty rods     |      |     |  |        |
| 1500 | Rig, rods; tooling decont w/ steam                |      |     |  |        |
| 1505 | Drilling DPT0602(W); hand cleaned 5'              |      |     |  |        |
| 1515 | Sample Collected CCF-DPT0602-010.0-20201214       | (W)  | Grg |  | NO Odr |
| 1525 | Sample Collected CCF-DPT0602-020.0-20201214       | (W)  | Grg |  | NO Odr |
| 1540 | Sample Collected CCF-DPT0602-030.0-20201214       | (W)  | Grg |  | NO Odr |
| 1555 | Sample Collected CCF-DPT0602-040.0-20201214       | (W)  | Grg |  | NO Odr |
| 1610 | Sample Collected CCF-DPT0602-045.0-20201214       | (W)  | Grg |  | NO Odr |



12/14/2020

CCF

112609622

1620 Set CCF-DPT0602 pressure Ground 47' to surface higher reads

1630 Drilling CCF-DPT0603 (H); hole depth 5'

1640 Sample collected CCF-DPT0603-010.0-20201214 (H)

Brown

organic Carbon

Gray

No O<sub>2</sub>

1650 Sample collected CCF-DPT0603-020.0-20201214 (H)

Brown

No O<sub>2</sub>

1715 Sample collected CCF-DPT0603-030.0-20201214 (H)

Gray

No O<sub>2</sub>

1730 Site Sealed; Offsite



12/15/20

CCF

NASA

Date: 12/15/20

Site: CCF; KSC; Florida.

Purpose: Continue DPT Sampling on north side of CCF

Personnel: Chris A. Mickey R. &amp; Terry W. (GPI)

Weather: 10/0% - R/L - All Day High Temp 76°F

PPE: Level D+ Nitrile gloves / Safety Glasses

Dig Status: Dig Day

0700 Crew arrive on-site. Crew conduct tailgate. Crew setting up, loading equipment to begin sampling.

0715 Rods installed to 42' @ DPT603. Crew begin purging.

Water clarity: Cloudy, grey, w/ sediments.

0720 Collect CCF-DPT0603-040.0-20201215. (2) 40 mL VOA collected for mobile lab - 8260 analysis. Sample, Cloudy, grey, no odor. Sampling complete at DPT603. Crew pressure grouting. Crew will MOB to DPT location at DPT 05 will be DPT-604. Crew hand auguring for utility clearance at DPT 05/604.

0730 Install Rods to 12' @ DPT604.

0737 Begin Purge. DPT604 (8-12'). Dark Brown w/ sediments.

0742 Collect CCF-DPT0604-010.0-20201215. (2) 40 mL VOAs collected for mobile lab - 8260 Analysis Sample brown, w/ sediments H<sub>2</sub>S odor (slight). Tripping rods to 22' @ DPT604.

0746 Begin purge. DPT604 (18-22') Brown w/ sediments.

0750 Collect CCF-DPT0604-020.0-20201215. (2) 40 mL VOAs collected for mobile lab - 8260 analysis. Sample slight brown tinge / mostly clear, some sediment. No odor. Tripping rods to 32' @ DPT604.

0758 Begin Purge. DPT0604 (28-32'). Dark grey, w/ sediments.

0803 Collect CCF-DPT0604-030.0-20201215. (2) 40 mL VOAs collected for mobile lab - 8260 analysis. Sample cloudy, grey, w/ sediments. No odor. Tripping rods to 42' @ DPT0604.

0812 Begin Purge. DPT0604 (38-42'). Dark grey, w/ sediments.

0820 Collect CCF-DPT0604-040.0-20201215. (2) 40 mL VOAs collected for mobile lab - 8260 analysis. Sample, grey, w/ sediments. Cloudy. No odor. During Purge, interval would go intermittently Dry. Low Flow. Sampling complete @ DPT604. Pressure grouting. Crew decon rods &amp; screens.

0900 Screens / Rods deconned. Crew MOB to DPT Location E, along railroad tracks. Crew will MOB to western DPT location, and will continue to sample DPT locations proceeding to the east. Crew begin hand auguring for utility clearance at DPT Location E / DPT0605. - CDA 12/15/20

Scale: 1 square =

Chet Sol 12/15/20



12/15/20

CCF

NAGA

- 0920 Utility Clearance OK at DPTA DPT E / DPT 605. Trip rods to 32'.
- 0925 Begin purge, DPT 605 (28-32'). Dark grey, w/ sediments.
- 0933 Collect CCF-DPT 605-030.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample, Cloudy, grey, w/ sediments. Odor present. Tripping rods to 37' @ DPT 605.
- 0940 Begin purging DPT 605 (33-37'). Dark grey, w/ sediments.
- 0947 Collect CCF-DPT 605-035.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample, Cloudy, grey, w/ sediments. Tripping rods to 42' @ DPT 605. -CDA 12/20/21 12/15/20-
- 0959 Begin purging DPT 605 (38-42'). Dark grey, w/ sediments.
- 1005 Collect CCF-DPT 605-040.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample, cloudy, grey w/ sediments. No odor. Tripping rods to 47' @ DPT 605.
- 1015 Begin purging DPT 605 (43-47'). Dark grey, w/ sediments.
- 1020 Collect CCF-DPT 605-045.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample, slightly cloudy, light grey, w/ some sediments. No odor. Sampling complete @ DPT 605. Pressure grouting DPT 605. Crew will then MOB to DPT D / DPT 606. -CDA 12/15/20-
- 1040 Utility Clearance OK @ DPT D / DPT 606. Crew tripping to 32' @ DPT 606.
- 1045 Begin purging DPT 606 (28-32'). Dark grey, w/ sediments.
- 1052 Collect CCF-DPT 606-030.0-20201215. (2) 40 mL VOA vials collected for VOC-8260 mobile lab analysis. Sample cloudy, grey, w/ sediments. No odor. Interval pumped dry. Low flow. Allowed interval / screen to recharge prior to collecting sample. Trip rods to 37' @ DPT 606.
- 1059 Begin purging DPT 606 (33-37'). Dark grey, w/ sediments.
- 1110 Collect CCF-DPT 606-035.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample grey, w/ sediments. No odor. Low flow at interval. Screen went dry. Had to allow to recharge prior to sample collection. Tripping rods to 42' @ DPT 606.
- 1118 Begin purging DPT 606 (38-42'). Screen initially dry. No flow. Crew allowing screen to recharge. Crew collecting sample. Screen recharged. No initial purge. -CDA 12/15/20-
- 1130 Collect CCF-DPT 606-040.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample grey, sediments. No odor. Crew tripping rods to 47' @ DPT 606. -CDA 12/15/20-
- 1138 Collect ~~CCF-DPT 606~~ Begin purging DPT 606 (43-47'). Low flow. Little flow, Intermittent flow. Initially grey w/ sediments. -
- 1145 Collect CCF-DPT 606-045.0-20201215. (2) 40 mL VOA vials collected for mobile lab-8260 analysis. Sample clear, no sediments. No odor. Crew tripping rods to 52' @ DPT 606. -CDA 12/15/20-

Scale: 1 square =

CDA Ad: 12/15/20

Rate in the Rain



12/15/20

CCF

NASA

Note: At approx 1130, Chuck S. is on-site.

- 1156 Begin purging DPT606 (48-52'). Grey, w/ sediments.  
 1205 Collect DPT606 CCF-DPT0606-050.0-20200215. (2) 40 mL VOA  
 vials collected for mobile lab analysis. Sample cloudy, grey,  
 some sediments. Sampling complete @ DPT606. Pressure  
 grouting DPT606. Crew will decon rods & screens.  
 Chris A. turning logbook over to Chuck S.

Chitpa del

12/15/20

- 1240 Rng, rods, & tooling decon'd w/ Steam  
 1250 Drilling Location F (DPT0607); had cleared 5'  
 1305 Sample Collected CCF-DPT0607-030.0-20201215 (F) Grgy ; No odor  
 1320 Sample Collected CCF-DPT0607-035.0-20201215 (F) Grgy ; No odor  
 1340 Sample Collected CCF-DPT0607-040.0-20201215 (F) Grgy ; No odor  
 1355 Sample Collected CCF-DPT0607-045.0-20201215 (F) Grgy ; No odor  
 1415 Sample Collected CCF-DPT0607-050.0-20201215 (F) Grgy ; No odor  
~~1330~~ <sup>1430</sup> DPT0607 pressure Grouted 52' TO Surface  
 1440 Drilling DPT0607; had cleared 5'  
 1455 Sample Collected CCF-DPT0444-050.0-20201215 (444) Grgy ; No odor  
 1510 Sample Collected CCF-DPT0444-045.0-20201215 (444) Grgy ; No odor  
 1525 Sample Collected CCF-DPT0444-040.0-20201215 (444) Grgy ; No odor  
 1540 DPT0444 pressure Grouted 52' TO Surface using rods; TW Drury  
 1600 Drilling DPT0608 (KK); had cleared 5'  
 1610 Sample Collected CCF-DPT0444-020.0-20201215 (KK) Grgy ; NO odor  
 1625 Sample Collected CCF-DPT0444-030.0-20201215 (KK) Grgy ; NO odor  
 1640 Sample Collected CCF-DPT0608-040.0-20201215 (KK) Grgy ; NO odor  
 1700 Sample Collected CCF-DPT0608-050.0-20201215 KK Grgy ; NO odor  
 1715 Offsite



12/14/2020

CCF

1120-01022

Personnel : Chuck Sorden (CS) Geologist TF  
 Mickey Ruffin (MR) Driller GPS  
 Terry Winston (TW) Tech GPS  
 Weather : Foggy 58°F  
 PPE : Leal D

Health & Safety (H&S) : Topic -

Objective : Complete DPT GW investigations

0645 TF/GPS on site; HAS meeting; starting DPT0608  
 0710 DPT0608 pressure Grout 52' to surface thru rods  
 0720 Drilling DPT0609 (G); hole cleared 5'  
 0730 Sample Collected CCF-DPT0609-010.0-20201216 (G) Brown ; Organic color  
 0740 Sample Collected CCF-DPT0609-020.0-20201216 (G) Gray ; NO odor  
 0800 Sample Collected CCF-DPT0609-030.0-20201216 (G) Gray ; NO odor  
 0815 Sample Collected CCF-DPT0609-040.0-20201216 (G) Gray ; NO odor  
 0830 DPT0609 pressure Grout 42' to surface thru rods  
 0845 Rig, rods, tooling decontam/ steam  
 0905 Drilling DPT0610 (EE); hole cleared 5'  
 0915 Sample Collected CCF-DPT0610-010.0-20201216 (EE) Brown ; Organic color  
 0930 Sample Collected CCF-DPT0610-020.0-20201216 (EE) Gray ; NO odor  
 0945 Sample Collected CCF-DPT0610-030.0-20201216 (EE) Gray ; NO odor  
 1000 Sample Collected CCF-DPT0610-040.0-20201216 (EE) Gray ; NO odor  
 1015 DPT0610 pressure Grout 42' to surface thru rods  
 1020 Drilling DPT0611 (FF); hole cleared 5'  
 1030 Sample Collected CCF-DPT0611-010.0-20201216 (FF) Brown ; Organic color  
 1040 Sample Collected CCF-DPT0611-020.0-20201216 (FF) Brown ; NO odor  
 1055 Sample Collected CCF-DPT0611-030.0-20201216 (FF) Gray ; NO odor  
 1110 Sample Collected CCF-DPT0611-040.0-20201216 (FF) Gray ; NO odor  
 1120 DPT0611 pressure Grout 42' to surface thru rods  
 1125 Drilling DPT0533 (S33); hole cleared 5'  
 1140 Sample Collected CCF-DPT0533-040.0-20201216 (S33) Gray ; NO odor  
 1155 Sample Collected CCF-DPT0533-030.0-20201216 (S33) Gray ; NO odor  
 1210 Sample Collected CCF-DPT0533-020.0-20201216 (S33) Brown ; NO odor  
 1225 Sample Collected CCF-DPT0533-010.0-20201216 (S33) Gray ; NO odor  
 1240 DPT0533 pressure Grout 42' to surface thru rods  
 1245 Drilling CCF-DPT0612 (FF); hole cleared 5'  
 1255 Sample Collected CCF-DPT0612-010.0-20201216 (FF) Brown ; Organic color  
 1305 Sample Collected CCF-DPT0612-020.0-20201216 (FF) Brown ; NO odor  
 1320 Sample Collected CCF-DPT0612-030.0-20201216 (FF) Gray ; NO odor  
 1335 Sample Collected CCF-DPT0612-040.0-20201216 (FF) Gray ; NO odor  
 1345 DPT0612 pressure Grout 42' to surface thru rods; Th. Decontam  
 1355 Drilling DPT0613 (GG); hole cleared 5'

Scale: 1 square =

Rite in the Rain



12/16/2020

CCF

1126-09022

|      |                                                 |                            |            |                 |
|------|-------------------------------------------------|----------------------------|------------|-----------------|
| 1405 | Sample collected                                | CCF-DPT0613-010.0-20201216 | (GG) Brown | ; Open can      |
| 1420 | Sample collected                                | CCF-DPT0613-020.0-20201216 | (GG) Brown | ; NO od         |
| 1435 | Sample collected                                | CCF-DPT0613-030.0-20201216 | (GG) Gray  | ; NO od         |
| 1445 | DPT0613 pressure G-ravel 32' to surface by rods |                            |            |                 |
| 1450 | Drilling DPT0614 (LL); has cloud 5'             |                            |            |                 |
| 1505 | Sample collected                                | CCF-DPT0614-020.0-20201216 | (LL) Gray  | ; No od<br>Bunt |
| 1520 | Sample collected                                | CCF-DPT0614-030.0-20201216 | (LL) Gray  | ; NO od         |
| 1535 | Sample collected                                | CCF-DPT0614-040.0-20201216 | (LL) Gray  | ; Bunt od       |
| 1555 | Sample collected                                | CCF-DPT0614-050.0-20201216 | (LL) Gray  | ; Bunt od       |
| 1630 | Sample collected                                | CCF-TANK 222796-20201216   |            |                 |
| 1730 | Site Seal; GPS Demob'd; Offsite                 |                            |            |                 |

## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/07/2020

Sample ID: CCF-DPT0582  
Location: BB  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/07/2020

Sample ID: CCF-DPT0583  
Location: CC  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/07/2020

Sample ID: CCF-DPT0534  
Location: 534  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/07/2020

Sample ID: CCF-DPT0584  
Location: DD  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/08/2020

Sample ID: CCF-DPT0585  
Location: A  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/08/2020

Sample ID: CCF-DPT0586  
Location: B  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/08/2020

Sample ID: CCF-DPT0587  
Location: C  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/08/2020

Sample ID: CCF-DPT0588  
Location: JJ  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

[illegible]

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/08/2020

Sample ID: CCF-DPT0502  
Location: 502  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/09/2020

Sample ID: CCF-DPT0513  
Location: 513  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/09/2020

Sample ID: CCF-DPT0501  
Location: 501  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/09/2020

Sample ID: CCF-DPT0500  
Location: 500  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

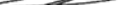
| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/09/2020 and 12/10/2020

Sample ID: CCF-DPT0589  
Location: K  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/10/2020

Sample ID: CCF-DPT0590  
Location: L  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/10/2020

Sample ID: CCF-DPT0591  
Location: M  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.

**Hand auger five feet to clear utilities**

Borehole abandoned via pressure grouting through boring rods

Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/10/2020

Sample ID: CCF-DPT0592  
Location: N  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/10/2020

Sample ID: CCF-DPT0593  
Location: U  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

[illegible]

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/11/2020

Sample ID: CCF-DPT0594  
Location: V  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/11/2020

Sample ID: CCF-DPT0595  
Location: X  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/11/2020

Sample ID: CCF-DPT0596  
Location: P  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.

**Hand auger five feet to clear utilities**

Borehole abandoned via pressure grouting through boring rods

Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/11/2020

Sample ID: CCF-DPT0597  
Location: Q  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/14/2020

Sample ID: CCF-DPT0598  
Location: Y  
Sampled By: C. Sorden

## DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

[illegible]

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/14/2020

Sample ID: CCF-DPT0599  
Location: Z  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

[illegible]

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/14/2020

Sample ID: CCF-DPT0600  
Location: AA  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/14/2020

Sample ID: CCF-DPT0601  
Location: O  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/14/2020

Sample ID: CCF-DPT0602  
Location: W  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/14/2020 and 12/15/2020

Sample ID: CCF-DPT0603  
Location: H  
Sampled By: C. Sorden/C. Adkison

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/15/2020

Sample ID: CCF-DPT0604  
Location: aJ  
Sampled By: C. Adkison

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/15/2020

Sample ID: CCF-DPT0605  
Location: E  
Sampled By: C. Adkison

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/15/2020

Sample ID: CCF-DPT0606  
Location: D  
Sampled By: C. Adkison

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/15/2020

Sample ID: CCF-DPT0607  
Location: F  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/15/2020

Sample ID: CCF-DPT0494  
Location: 494  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/15/2020

Sample ID: CCF-DPT0608  
Location: KK  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.

Hand auger five feet to clear utilities

### Borehole abandoned via pressure grouting through boring rods

Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0609  
Location: G  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0610  
Location: EE  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0611  
Location: HH  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0533  
Location: 533  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0612  
Location: FF  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.

**Hand auger five feet to clear utilities**

### Borehole abandoned via pressure grouting through boring rods

Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0613  
Location: GG  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|



## DPT GROUNDWATER SAMPLE LOG SHEET

Project Site Name: KSC-CCF  
Project No.: 112G09022  
Date: 12/16/2020

Sample ID: CCF-DPT0614  
Location: LL  
Sampled By: C. Sorden

### DPT SAMPLING DATA

[illegible]

### SAMPLE COLLECTION INFORMATION

| Analysis          | Preservative | Container Requirements                        | Collected |
|-------------------|--------------|-----------------------------------------------|-----------|
| SW-846 8260B VOCs | None         | Two (2) - 40 mL vials delivered to Mobile Lab | X         |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |
|                   |              |                                               |           |

## OBSERVATIONS / NOTES

All intervals purged a minimum of five (5) screen volumes (1.5 L) prior to sample collection.  
Hand auger five feet to clear utilities  
Borehole abandoned via pressure grouting through boring rods  
Rig, Rods, and associated tooling decon'd with pressurized steam

**Circle if Applicable:**

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|





02/24/2021

CCF

112609022

|             |              |      |           |     |
|-------------|--------------|------|-----------|-----|
| Personnel : | Chuck Sorden | (CS) | Geologist | TF  |
|             | James Link   | (JL) | Driller   | GPS |
|             | Dave Longino | (DL) | Driller   | GPS |
|             | Gama Rivera  | (GR) | Team      | GPS |

Weather : Sunny SSOF

PPE : Level D

Health : Safety (HAS) : Topics - PPE; SSHASP; IDL

Objective : Collect 3 Core Samples from 35'-65'

0700 T1/GPS on site; HAS meeting; Daily Prep; Begin Site Setup  
0800 Set up on Location A - SB0020; hand clear 5'  
0835 Drilling Commenced  
0915 Begin pulling Core on SB0020  
1015 Core Complete  
1030 Drill CCF - SB0021 (Location B); hand clear 5'  
1145 Core Complete; Mob to inside CCF  
1215 GPS taking Lunch  
1315 Set up on CCF - SB0022; hand clear 5'  
1335 Drilling Commenced  
1450 Core Complete  
1630 Offsite

No Alteration

Beyond 02/24/2021 - 1630

**BORING LOG**

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0020  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |       |                                                             | U<br>S<br>C<br>S<br>* | Remarks                                         | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|-------|-------------------------------------------------------------|-----------------------|-------------------------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color | Material Classification                                     |                       |                                                 | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 35.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 35.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 36.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 36.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 37.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 37.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 38.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 38.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 39.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 39.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 40.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 40.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 41.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 41.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 42.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 42.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 43.0                   |                       |                                 |                                                   | Soft                                       | Gray  | SHELL; trace to little sand - fine to very fine; trace silt | GW                    | Shell coarse to granule sized; moderate sorting |                       |            |            |              |
|                            | 43.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 44.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 44.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 45.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 45.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 46.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 46.5                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |
|                            | 47.0                   |                       |                                 |                                                   |                                            |       |                                                             |                       |                                                 |                       |            |            |              |

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Drilling Area

Background (ppm):

Converted to Well: Yes ☐ No ☒

Well I.D. #:



PROJECT NAME: Component Cleaning Facility (CCF)  
PROJECT NUMBER: 112G09022  
DRILLING COMPANY: Groundwater Protection, Inc  
DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0020  
DATE: 2/24/2021  
GEOLOGIST: Chuck Sorden  
DRILLER: Jared Link

[illegible]

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Drilling Area

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; Background (ppm):   
 some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

|                    |     |    |   |              |
|--------------------|-----|----|---|--------------|
| Converted to Well: | Yes | No | X | Well I.D. #: |
|--------------------|-----|----|---|--------------|

**BORING LOG**

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0020  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |                |                                                                                                    | U<br>S<br>C<br>S<br>* | Remarks                                          | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|----------------|----------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color          | Material Classification                                                                            |                       |                                                  | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 60.0                   |                       | 10/10                           |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 60.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 61.0                   |                       |                                 | 57.5-61.0                                         | Firm/Stiff                                 | Lt. Gray/White | CLAY; little to some interbedded shell; trace to little silt and sand - very fine                  | CL                    | Dry, sticky                                      |                       |            |            |              |
|                            | 61.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 62.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 62.5                   |                       |                                 | 61.0-62.5                                         | Stiff                                      | Lt. Gray/White | Pebble to granule sized clasts of limestone; little to some silt and sand - very fine; little clay | GP/GM                 | calcareous, sticky, saturated                    |                       |            |            |              |
|                            | 63.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 63.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 64.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 64.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 65.0                   |                       |                                 | 62.5-65.0                                         | Firm/Stiff                                 | Lt. Gray/White | CLAY; moderately calcareous; little to some shell; trace to little sand - very fine and silt       | CL                    | sticky, mostly dry; shell coarse to pebble sized |                       |            |            |              |
|                            | 65.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 66.0                   |                       |                                 |                                                   |                                            |                | <b>BORING TERMINATED 65'</b>                                                                       |                       |                                                  |                       |            |            |              |
|                            | 66.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 67.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 67.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 68.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 68.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 69.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 69.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 70.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 70.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 71.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 71.5                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |
|                            | 72.0                   |                       |                                 |                                                   |                                            |                |                                                                                                    |                       |                                                  |                       |            |            |              |

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; Background (ppm): 0  
 some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Converted to Well: Yes            No X Well I.D. #:





Tetra Tech, Inc.

**BORING LOG**

Page \_1 of \_1\_

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0021  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |            |                                                                        | U<br>S<br>C<br>S<br>* | Remarks                                         | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|------------|------------------------------------------------------------------------|-----------------------|-------------------------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color      | Material Classification                                                |                       |                                                 | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 35.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 35.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 36.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 36.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 37.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 37.5                   |                       |                                 | 35.0-37.5                                         | Soft                                       | Gray       | SHELL; little sand - coarse to very fine                               | GW                    | shell coarse to granule sized; moderate sorting |                       |            |            |              |
|                            | 38.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 38.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 39.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 39.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 40.0                   |                       | 10/10                           | 37.5-40.0                                         | Soft                                       | Gray       | SAND - MEDIUM TO VERY FINE; little to some shell; trace to little silt | SW/SP                 | shell coarse to granule sized                   |                       |            |            |              |
|                            | 40.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 41.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 41.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 42.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 42.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 43.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 43.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 44.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 44.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 45.0                   |                       |                                 | 40.0-45.0                                         | Soft                                       | Light Gray | SAND - VERY FINE; little silt and shell                                | SP/SM                 | Shell coarse to granule sized                   |                       |            |            |              |
|                            | 45.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 46.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 46.5                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |
|                            | 47.0                   |                       |                                 |                                                   |                                            |            |                                                                        |                       |                                                 |                       |            |            |              |

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Drilling Area

Background (ppm): 

Converted to Well:

Yes

No ☒

Well I.D. #:

**BORING LOG**

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0021  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |       |                                                              | U<br>S<br>C<br>S<br>* | Remarks                       | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|-------|--------------------------------------------------------------|-----------------------|-------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color | Material Classification                                      |                       |                               | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 47.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 48.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 48.5                   |                       |                                 | 45.0-48.0                                         | Soft                                       | Gray  | SAND - VERY FINE; little silt and shell                      | SP/SM                 | Shell coarse to granule sized |                       |            |            |              |
|                            | 49.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 49.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 50.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 50.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 51.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 51.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 52.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 52.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 53.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 53.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 54.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 54.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 55.0                   |                       |                                 | 48.0-55.0                                         | Soft to Firm                               | Gray  | SAND - VERY FINE; little to some interbedded silt, clay, and | SM/SC                 | Mostly dry to moist           |                       |            |            |              |
|                            | 55.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 56.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 56.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 57.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 57.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 58.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 58.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 59.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 59.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |

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Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; Background (ppm): 0  
 some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Converted to Well: Yes            No X           Well I.D. #:





Tetra Tech, Inc.

**BORING LOG**Page 1 of 1

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0021  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |               |                                                                                              | U<br>S<br>C<br>S<br>* | Remarks                                          | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|---------------|----------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color         | Material Classification                                                                      |                       |                                                  | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 60.0                   |                       | 10/10                           |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 60.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 61.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 61.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 62.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 62.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 63.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 63.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 64.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 64.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 65.0                   |                       |                                 | 55.0-65.0                                         | Firm/Stiff                                 | Lt. Gray/Gray | Interbedded CLAY; little to some interbedded sand - fine to very fine and shell; little silt | CL                    | sticky, mostly dry; shell coarse to pebble sized |                       |            |            |              |
|                            | 65.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 66.0                   |                       |                                 |                                                   |                                            |               | <b>BORING TERMINATED 65'</b>                                                                 |                       |                                                  |                       |            |            |              |
|                            | 66.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 67.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 67.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 68.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 68.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 69.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 69.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 70.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 70.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 71.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 71.5                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |
|                            | 72.0                   |                       |                                 |                                                   |                                            |               |                                                                                              |                       |                                                  |                       |            |            |              |

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\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; Background (ppm): 0  
 some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Converted to Well: Yes            No X Well I.D. #:

**BORING LOG**

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0022  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |                 |                                                               | U<br>S<br>C<br>S<br>* | Remarks                       | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|-----------------|---------------------------------------------------------------|-----------------------|-------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color           | Material Classification                                       |                       |                               | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 35.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 35.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 36.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 36.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 37.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 37.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 38.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 38.5                   |                       |                                 | 35.0-38.5                                         | Soft                                       | Lt. Gray/ White | SHELL; trace to little sand - fine to very fine and silt      | GW                    | Shell coarse to granule sized |                       |            |            |              |
|                            | 39.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 39.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 40.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 40.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 41.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 41.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 42.0                   |                       |                                 | 38.5-42.0                                         | Soft                                       | Gray            | SHELL; little sand - medium to very fine; trace silt          | GW                    | shell coarse to pebble sized  |                       |            |            |              |
|                            | 42.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 43.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 43.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 44.0                   |                       |                                 | 42.0-44.0                                         | Soft                                       | Gray            | SAND - MEDIUM TO VERY FINE; trace to little silt; trace shell | SP                    | Shell coarse to granule sized |                       |            |            |              |
|                            | 44.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 45.0                   |                       |                                 | 44.0-45.0                                         | Soft                                       | Gray            | COARSE TO V. COARSE SHELL AND SAND - MEDIUM TO FINE           | SW                    | well sorted                   |                       |            |            |              |
|                            | 45.5                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 46.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |
|                            | 46.5                   |                       |                                 | 45.0-46.5                                         | Soft                                       | Brown/ Tan      | SHELL; trace sand - fine to very fine                         | GW                    |                               |                       |            |            |              |
|                            | 47.0                   |                       |                                 |                                                   |                                            |                 |                                                               |                       |                               |                       |            |            |              |

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Drilling Area

Background (ppm):

Converted to Well: Yes ☐ No ☒ Well I.D. #:



**BORING LOG**

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0022  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |       |                                                              | U<br>S<br>C<br>S<br>* | Remarks                       | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|-------|--------------------------------------------------------------|-----------------------|-------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color | Material Classification                                      |                       |                               | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 47.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 48.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 48.5                   |                       |                                 | 46.5-48.0                                         | Soft                                       | Gray  | SAND - VERY FINE; little to some silt and shell; trace shell | SM                    | Shell coarse to granule sized |                       |            |            |              |
|                            | 49.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 49.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 50.0                   |                       |                                 | 48.0-50.0                                         | Soft                                       | Gray  | SHELL; little sand - fine to very fine; trace to little silt | GP                    | shell coarse to pebble sized  |                       |            |            |              |
|                            | 50.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 51.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 51.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 52.0                   |                       |                                 | 50.0-52.0                                         | Soft                                       | Gray  | SAND - VERY FINE; little to some silt; trace to little shell | SM                    |                               |                       |            |            |              |
|                            | 52.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 53.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 53.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 54.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 54.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 55.0                   |                       |                                 | 48.0-55.0                                         | Soft to Firm                               | Gray  | SAND - VERY FINE; little to some interbedded silt, clay, and | SM/ SC                | Mostly dry to moist           |                       |            |            |              |
|                            | 55.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 56.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 56.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 57.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 57.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 58.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 58.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 59.0                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |
|                            | 59.5                   |                       |                                 |                                                   |                                            |       |                                                              |                       |                               |                       |            |            |              |

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Drilling Area

Background (ppm):

Converted to Well: Yes ☐ No ☒ Well I.D. #:



Tetra Tech, Inc.

**BORING LOG**Page 1 of 1

PROJECT NAME: Component Cleaning Facility (CCF)  
 PROJECT NUMBER: 112G09022  
 DRILLING COMPANY: Groundwater Protection, Inc  
 DRILLING RIG: Geoprobe 8140 LC

BORING No.: SB0022  
 DATE: 2/24/2021  
 GEOLOGIST: Chuck Sorden  
 DRILLER: Jared Link

| Sample No. and Type or RQD | Depth (Ft.) or Run No. | Blows / 6" or RQD (%) | Sample Recovery / Sample Length | Lithology Change (Depth/Ft.) or Screened Interval | MATERIAL DESCRIPTION                       |               |                                                                                        | U<br>S<br>C<br>S<br>* | Remarks                                          | PID/FID Reading (ppm) |            |            |              |
|----------------------------|------------------------|-----------------------|---------------------------------|---------------------------------------------------|--------------------------------------------|---------------|----------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------|-----------------------|------------|------------|--------------|
|                            |                        |                       |                                 |                                                   | Soil Density/ Consistency or Rock Hardness | Color         | Material Classification                                                                |                       |                                                  | Sample                | Sampler BZ | Borehole** | Driller BZ** |
|                            | 60.0                   |                       | 10/10                           |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 60.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 61.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 61.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 62.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 62.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 63.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 63.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 64.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 64.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 65.0                   |                       |                                 | 52.0-65.0                                         | Firm/Stiff                                 | Lt. Gray/Gray | Interbedded SAND - FINE TO VERY FINE; little to some interbedded silt, clay, and shell | SC                    | sticky, mostly dry; shell coarse to pebble sized |                       |            |            |              |
|                            | 65.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 66.0                   |                       |                                 |                                                   |                                            |               | <b>BORING TERMINATED 65'</b>                                                           |                       |                                                  |                       |            |            |              |
|                            | 66.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 67.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 67.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 68.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 68.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 69.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 69.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 70.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 70.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 71.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 71.5                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |
|                            | 72.0                   |                       |                                 |                                                   |                                            |               |                                                                                        |                       |                                                  |                       |            |            |              |

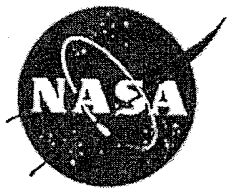
\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks: F = Fine; VF = Very Fine; trace = 0-10 % of total sample; little = 11-20 % of total sample; Background (ppm): 0  
 some = 21-35 % of total sample; And = 36-50 % of total sample; All caps = greater than 50 % of total sample

Converted to Well: Yes            No X Well I.D. #:

**APPENDIX C**  
**LABORATORY REPORTS**



*National Aeronautics and  
Space Administration*

## PERMISSION TO PUBLISH

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Dale A. Schamp  
Signature

Date 10/31/18

Company Name: Analytical Labs of Florida, Inc.  
Company Representative Name: Dale Schamp  
Company Representative Title: Lab Director  
Company Address: 2265 Leaside Court, Merritt Island, Fl.  
Company Representative Phone: 321-258-1355  
Company Representative E-Mail: mobilealf@cs.com



# Analytical Laboratories of Florida, Inc.

December 21, 2020

Lee Leck  
Sample Management Coordinator  
TetraTech NUS, Inc.  
Project Name: CCF Site, KSC, Fl.



Re: PDF - Analytical Data Package

Analytical Laboratories of Florida, Inc. (ALF) office located at 4125 Alan Shepard Avenue, Cocoa, Florida provided laboratory services for TetraTech NUS, Inc. at the CCF area of Kennedy Space Center during direct push temporary well sample collection. The site is located at NASA's Kennedy Space Center, Florida complex. The laboratory contact is Dale Schamp at 321-258-1355. The laboratory project name is TT120820. Analysis was performed utilizing EPA8260D methodology. A total of 193 ground water samples were analyzed by Dale Schamp (Chemist) over a period of eight days from December 8 – 17, 2020. The project utilized one of two mobile laboratories over the duration of the project. The mobile laboratories are certified (Certification Number E83934 or E831090) by the Florida Department of Health using the guidelines of the national NELAC certification program. TetraTech's Information System's Group (<http://isg.ttnus.com>) specified the excel spreadsheet format utilized to transport environmental analytical data to TetraTech in an electronic format. ALF's data was submitted to TetraTech under file name EDD.NASA.CCF.120820total on December 21, 2020.

TetraTech/NUS' Project Manager is Chris Pike out of the Pittsburgh, Pa. office. The Prime Contact's subcontract number is S1169041. The mobile laboratory was utilized to perform laboratory analysis to delineate volatile organic contamination in the groundwater at various NASA sites. The contaminants of concern included vinyl chloride, cis/trans-1,2-DCE, and trichloroethene. The sample analysis load was expected to be up to 25 samples per day.

ALF performed the sample extraction with a Teledyne Stratum sample concentrator utilizing a purge and trap technique. The EPA 5030 method was used as a guideline for this procedure. The process involved is done by purging a gas (UHP helium) through a known sample volume (10 ml – undiluted) at a constant flow rate and specific time. This process transfers the contaminants of concern (COC) from the liquid matrix (groundwater) onto the trap. The trap is then heated

4125 Alan Shepard Avenue, Cocoa, Florida 32926

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Cell phone: 321-258-1355

to 250C releasing the compounds from the trap into the GC/MS system. An electronic valve inside

## Analytical Laboratories of Florida, Inc.

the Stratum sample concentrator is electronically moved from the load position to the inject position to transfer the COCs to the GC/MS.

ALF's GC/MS system consists of a Stratum PTC hooked up to an Agilent 6890 (or Model 7890) Gas Chromatograph in series with an Agilent 5973 (or Model 5975C) MS detector. The COCs are separated by the gradual increase of temperature of GC oven from 45C to 200C and the column's internal coating. ALF's column of choice is a J&W DB-VRX 20 meter, 0.18mm ID, 1um df. This setup closely follows the requirements of EPA Method 8260D for identification and quantification.



The target compound list had a very wide range of project specific detection limit requirements between 1 and 100 ppb to meet the Florida GCTLs. The lab settled on a method detection level for all compounds of 1 ppb. This detection level allowed the compounds to be analyzed in the scan sensitivity mode only.

The compounds are identified by two ways: retention time and ion spectrum. Simply under repetitive flow rates and consistent oven variation of temperatures a compound will pass through a detector at the same time for unknown samples and known calibration standards. The time, after the start of a run, the compound passes through a detector to give a peak type response is known as the retention time. This is how any Gas Chromatograph with a detector identifies a compound. The MS detector has the additional power of compound ion spectrums which occur when the compounds are bombarded with electrons as they pass into the detector which causes the compounds to fragment. Each COC fragments differently from all other compounds thus this is an additional aid in identifying compounds. In the SIM mode, the detector looks for specific compound fragments which increase detector sensitivity.

The compounds are quantified by comparing area responses of unknown sample concentrations to known calibration standards. The greater the peak area response the greater the concentration of the COC present.

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Cell phone: 321-258-1355

Dale Schamp was the designated Field Chemist for this project. Each day on the Field Activity Form (FAF), the sample analyst would document the sample field description, matrix, sample's date and collection time for each sample received. The FAF also recorded the date and time the sample was received by the mobile laboratory.

## Analytical Laboratories of Florida, Inc.

The FAF was also used to record the sample analysis time and volume utilized to perform the analysis. The GC/MS system is linear to 300 ppb for the COCs. Mr. Schamp may have utilized one or two SRI GC systems to determine the sample size which was required to run the sample on the GC/MS. This sample pre-screening process prevented the field chemist from doing multiple runs due to high COC concentrations in the groundwater sample which in turn allowed him to get the final data to the contractor quicker.



Quality Assurance (QA) is an important part of sample analysis. QA is utilized to aid in the measurement of the data quality generated. The FDEP and EPA methods require the mobile laboratory run: a calibration curve, laboratory duplicates, laboratory matrix spikes, daily instrument tune checks, daily method blanks, internal standards, surrogate standards and calibration check standards. Other than the initial calibration standards curves and tune checks, this information can be found in the Excel Data Summary Tables provided and/or the overall Project EDD table required by TetraTech.

Once the sample's analysis was completed, the chemist entered the data into an Excel Data Summary Table spreadsheet. ALF analyzed 14 sample(s) for matrix spike analysis to determine whether the samples themselves cause interferences with the data generation. Project requirements specify 5 % while ALF's frequency was 7.3 % (14/193). ALF analyzed 14 sample duplicate(s) to check analysis reproducibility. This is also required at a frequency of 5% while ALF did this at a rate of 7.3 % (14/193).

The following information is attached or included in the electronic deliverables:

1. TetraTech EDD Data Summary Tables which includes QC data
2. Field Activities Forms
3. A Copy of this Project Summary

The data generated has been reviewed and submitted under TetraTech's EDD format and the data has been reviewed by TetraTech personnel for errors. I can be reached at 321-258-1355, if you have any follow-up questions.

Sincerely,

4125 Alan Shepard Avenue, Cocoa, Florida 32926  
E mail: [mobilealf@cs.com](mailto:mobilealf@cs.com)  
Cell phone: 321-258-1355

ANALYTICAL LABORATORIES OF FLORIDA, INC.

A handwritten signature in black ink that reads "Dale ASchamp". The signature is written in a cursive style with a horizontal line at the end.

Dale Schamp  
Chemist

4125 Alan Shepard Avenue, Cocoa, Florida 32926  
E mail: [mobilealf@cs.com](mailto:mobilealf@cs.com)  
Cell phone: 321-258-1355



ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: CCF Site

ALF Project: TT120820

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

12/7/20 Activities:

Method (soil/water) Blank(s): All responses < 5% of Lowest reported Reg Limit

Cal(water/soil)Curve(s): fn: 120720DRY6F.M

Cal(water/soil)Curve(s): All standards ion ratios are within 30% of mid level standard. All compound Response Factor ratios are >

Cal(water/soil)Curve(s): Second Source expected % Recovery met +/- 30 % of expected response (ng)

Lowest Concen level: Recalibrated Detection level standard meet +/- 30 % expected response (10ng level)

Cal(water)Curve(s): Blank passed tune acceptance criteria of EPA 8260C Section 11.3.1

1002 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 56 F.

1005 Run method blank in (fn: 120720blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

1020 to 1345 Calibrate GC#5/Lab#1

1715 Rec 12 GWs from Chuck. Temp = 52F. FN:CCF-DPT582@10'(1335)/Lab ID: TT120820-W001 ; @20'(1350)/W2 ; @30'(1405)/W3

1715 Rec 12 GWs from Chuck. FN:CCF-DPT583@10'(1430)/Lab ID: TT120820-W004 ; @20'(1445)/W5 ; @30'(1500)/W6

1715 Rec 12 GWs from Chuck. FN:CCF-DPT534@10'(1525)/Lab ID: TT120820-W007 ; @15'(1535)/W8 ; @20'(1550)/W9

1715 Rec 12 GWs from Chuck. FN:CCF-DPT584@10'(1615)/Lab ID: TT120820-W010 ; @20'(1630)/W11 ; @30'(1645)/W12

12/08/20 Activities:

0433 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 51 F. JG Finneran C#340024-2895 Lot# 843019231V2

0459 Run 10ml H2O with 100ng spike (fn: 120820ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0517 Run method blank in (fn: 120820blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

0526 Remove 10 ml GW sample W-001 from VOA vial W-001C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT582@10' / Lab ID: TT120820-W-001. 0536 Inject.

0546 Remove 10 ml GW sample W-001 from VOA vial W-001C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: CCF-DPT582@10' / Lab ID: TT120820-W-001MS. 0556 Inject.

0605 Remove 5 ml GW sample W-002 from VOA vial W-002C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT582@20' / Lab ID: TT120820-W-002. 0615 Inject.

0625 Remove 0.5 ml GW sample W-003 from VOA vial W-003C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT582@30' / Lab ID: TT120820-W-003. 0635 Inject.

0644 Remove 5 ml GW sample W-004 from VOA vial W-004C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT583@10' / Lab ID: TT120820-W-004. 0654 Inject.

0702 Remove 10 ml GW sample W-005 from VOA vial W-005C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT583@20' / Lab ID: TT120820-W-005. 0712 Inject.

0722 Remove 10 ml GW sample W-006 from VOA vial W-006C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT583@30' / Lab ID: TT120820-W-006. 0732 Inject.

0741 Remove 10 ml GW sample W-006 from VOA vial W-006C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT583@30' / Lab ID: TT120820-W-006dup. 0751 Inject.

0811 Run 10ml H2O with 100ng spike (fn: 120820ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0831 Run method blank in (fn: 120820blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

0840 Remove 10 ml GW sample W-007 from VOA vial W-007C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT534@10' / Lab ID: TT120820-W-007. 0850 Inject.

0859 Remove 10 ml GW sample W-007 from VOA vial W-007C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: CCF-DPT584@10' / Lab ID: TT120820-W-006MS. 0909 Inject.

0918 Remove 10 ml GW sample W-008 from VOA vial W-008C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT534@10' / Lab ID: TT120820-W-008. 0928 Inject.

0940 Remove 10 ml GW sample W-009 from VOA vial W-009C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT534@20' / Lab ID: TT120820-W-009. 0950 Inject.

0959 Remove 10 ml GW sample W-010 from VOA vial W-010C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT584@10' / Lab ID: TT120820-W-010. 1009 Inject.

1018 Remove 10 ml GW sample W-011 from VOA vial W-011C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT584@20' / Lab ID: TT120820-W-011. 1028 Inject.

1038 Remove 10 ml GW sample W-012 from VOA vial W-012C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT584@30' / Lab ID: TT120820-W-012. 1048 Inject.

1055 Remove 10 ml GW sample W-011 from VOA vial W-011C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT584@20' / Lab ID: TT120820-W-011dup. 1105 Inject.

1215 Rec 13 GWs from Chuck. Temp = 48F. FN:CCF-DPT585@10'(0755)/Lab ID: TT120820-W013 ; @20'(0810)/W14 ; @30'(0825)/W15 ; @40'(0840)/W16

1215 Rec 13 GWs from Chuck. FN:CCF-DPT586@10'(0910)/Lab ID: TT120820-W017 ; @20'(0925)/W18 ; @30'(0940)/W19 ; @40'(0955)/W20

1215 Rec 13 GWs from Chuck. FN:CCF-DPT587@10'(1020)/Lab ID: TT120820-W021 ; @20'(1035)/W22 ; @30'(1055)/W23 ; @40'(1155)/W24

1215 Rec 13 GWs from Chuck. FN:CCF-DPT588@10'(1210)/Lab ID: TT120820-W025

1257 Remove 10 ml GW sample W-013 from VOA vial W-013C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT585@10' / Lab ID: TT120820-W-013. 1307 Inject.

1316 Remove 10 ml GW sample W-014 from VOA vial W-014C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT585@20' / Lab ID: TT120820-W-014. 1326 Inject.

1337 Remove 10 ml GW sample W-015 from VOA vial W-015C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT585@30' / Lab ID: TT120820-W-015. 1326 Inject.

1356 Remove 10 ml GW sample W-016 from VOA vial W-016C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT585@40' / Lab ID: TT120820-W-016. 1406 Inject.

1414 Remove 10 ml GW sample W-017 from VOA vial W-017C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT586@10' / Lab ID: TT120820-W-017. 1424 Inject.

1434 Remove 10 ml GW sample W-016 from VOA vial W-016C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT585@40' / Lab ID: TT120820-W-016r. 1444 Inject.

1454 Remove 10 ml GW sample W-018 from VOA vial W-018C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT586@20' / Lab ID: TT120820-W-018. 1504 Inject.

1514 Remove 10 ml GW sample W-019 from VOA vial W-019C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT586@30' / Lab ID: TT120820-W-019. 1524 Inject.

1535 Remove 10 ml GW sample W-020 from VOA vial W-020C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT586@40' / Lab ID: TT120820-W-020. 1545 Inject.

1554 Remove 10 ml GW sample W-021 from VOA vial W-021C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT587@10' / Lab ID: TT120820-W-021. 1604 Inject.

1614 Remove 2 ml GW sample W-022 from VOA vial W-022C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT587@20' / Lab ID: TT120820-W-022. 1624 Inject.

1633 Remove 3 ml GW sample W-023 from VOA vial W-023C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT587@30' / Lab ID: TT120820-W-023. 1643 Inject.

1650 Remove 10 ml GW sample W-024 from VOA vial W-024C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT587@40' / Lab ID: TT120820-W-024. 1700 Inject.

1700 Rec 14 GWs from Chuck. Temp = 48F. FN:CCF-DPT588@20'(1225)/Lab ID: TT120820-W026 ; @30'(1245)/W27 ; @40'(1300)/W28 ; @45'(1320)/W29

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 12/7-8/2020 Page 1 of 7

Signature: 

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: CCF Site

ALF Project: TT120820

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#/1GC#5

12/8/20 Activities:

1700 Rec 14 GWs from Chuck. FN:CCF-DPT502@65'(1400)/Lab ID: TT120820-W30 ; @60'(1415)/W31 ; @55'(1430)/W32 ; @50'(1445)/W33 ; @ 45'(1500)/W34  
1700 Rec 14 GWs from Chuck. FN:CCF-DPT502@40'(1515)/Lab ID: TT120820-W35 ; @35'(1530)/W36 ; @30'(1545)/W37 ; @20'(1600)/W38 ; @ 10'(1615)/W39  
1710 Remove 2 ml GW sample W-025 from VOA vial W-025C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT588@10' / Lab ID: TT120820-W-025. 1720 Inject.

12/09/20 Activities:

0458 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 41 (TOO COLD) F. JG Finneran C#340024-2895 Lot# 843019231V2  
0508 Run method blank in (fn: 120920blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.  
0525 Run 10ml H2O with 100ng spike (fn: 120920ccv1.d). All compound responses Not within 20 % expected response and ion ratios within 30% expected ratio.  
0544 Run 10ml H2O with 100ng spike (fn: 120920ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0552 Remove 5 ml GW sample W-026 from VOA vial W-026C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT588@20' / Lab ID: TT120820-W-026. 0602 Inject.  
0609 Remove 5 ml GW sample W-026 from VOA vial W-026C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT588@20' / Lab ID: TT120820-W-026DUP. 0619 Inject.  
0630 Remove 3 ml GW sample W-027 from VOA vial W-027C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT588@30' / Lab ID: TT120820-W-027. 0640 Inject.  
0648 Remove 2 ml GW sample W-028 from VOA vial W-028C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT588@40' / Lab ID: TT120820-W-028. 0658 Inject.  
0706 Remove 10 ml GW sample W-029 from VOA vial W-029C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT588@45' / Lab ID: TT120820-W-029. 0716 Inject.  
0735 Remove 10 ml GW sample W-029 from VOA vial W-029C-2. Add 100NG.int/surr stds. Load onto PT-1. FN: CCF-DPT588@45' / Lab ID: TT120820-W-029MS. 0745 Inject.  
0743 Remove 10 ml GW sample W-030 from VOA vial W-030C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@65' / Lab ID: TT120820-W-030. 0753 Inject.  
0801 Remove 10 ml GW sample W-031 from VOA vial W-031C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@60' / Lab ID: TT120820-W-031. 0811 Inject.  
0821 Remove 10 ml GW sample W-030 from VOA vial W-030C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@65' / Lab ID: TT120820-W-030R. 0831 Inject.  
0843 Remove 10 ml GW sample W-032 from VOA vial W-032C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@55' / Lab ID: TT120820-W-032. 0853 Inject.  
0901 Remove 10 ml GW sample W-030 from VOA vial W-030C-2 syringe. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@65' / Lab ID: TT120820-W-030RR. 0911 Inject.  
0920 Remove 10 ml GW sample W-033 from VOA vial W-033C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@50' / Lab ID: TT120820-W-033. 0930 Inject.  
0949 Run 10ml H2O with 100ng spike (fn: 120920ccv3.d). All compound responses not within 20 % expected response and ion ratios within 30% expected ratio.  
1013 Run 10ml H2O with 100ng spike (fn: 120920ccv4.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
1032 Run method blank in (fn: 120920blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.  
1041 Remove 10 ml GW sample W-034 from VOA vial W-034C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@45' / Lab ID: TT120820-W-034. 1051 Inject.  
1059 Remove 10 ml GW sample W-034 from VOA vial W-034C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: CCF-DPT502@45' / Lab ID: TT120820-W-034MS. 1109 Inject.  
1119 Remove 1 ml GW sample W-035 from VOA vial W-035C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@40' / Lab ID: TT120820-W-035. 1129 Inject.  
1137 Remove 1 ml GW sample W-035 from VOA vial W-035C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@40' / Lab ID: TT120820-W-035dup. 1147 Inject.  
1156 Remove 0.5 ml GW sample W-036 from VOA vial W-036C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@35' / Lab ID: TT120820-W-036. 1206 Inject.  
1216 Remove 5 ml GW sample W-037 from VOA vial W-037C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@30' / Lab ID: TT120820-W-037. 1226 Inject.  
1236 Remove 3 ml GW sample W-038 from VOA vial W-038C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@20' / Lab ID: TT120820-W-038. 1246 Inject.  
1305 Remove 3 ml GW sample W-039 from VOA vial W-039C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT502@10' / Lab ID: TT120820-W-039. 1414 Inject.  
1350 Rec 18 GWs from Chuck. Temp = 48F. FN:CCF-DPT513@50'(0805)/Lab ID: TT120820-W040 ; @45'(0820)/W41 ; @40'(0835)/W42 ; @35'(0850)/W43 ; @30'(0905)/W44  
1350 Rec 18 GWs from Chuck. FN:CCF-DPT513@20'(0920)/Lab ID: TT120820-W045 ; @10'(0935)/W46 ; DPT501@65'(1025)/W47 ; @60'(1040)/W48 ; @ 55'(1055)/W49  
1350 Rec 18 GWs from Chuck. FN:CCF-DPT501@50'(1110)/Lab ID: TT120820-W050 ; @45'(1125)/W51 ; @40'(1140)/W52 ; @35'(1155)/W53 ; @ 30'(1220)/W54  
1350 Rec 18 GWs from Chuck. FN:CCF-DPT501@20'(1235)/Lab ID: TT120820-W055 ; @10'(1250)/W56 ; DPT500@50'(1330)/W57 ; @45'(1345)/W58  
1425 Remove 10 ml GW sample W-040 from VOA vial W-040C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@50' / Lab ID: TT120820-W-040. 1435 Inject.  
1505 Remove 1 ml GW sample W-041 from VOA vial W-041C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@45' / Lab ID: TT120820-W-041. 1515 Inject.  
1523 Remove 10 ml GW sample W-042 from VOA vial W-042C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@40' / Lab ID: TT120820-W-042. 1533 Inject.  
1542 Remove 3 ml GW sample W-043 from VOA vial W-043C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@35' / Lab ID: TT120820-W-043. 1552 Inject.  
1601 Remove 10 ml GW sample W-044 from VOA vial W-044C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@30' / Lab ID: TT120820-W-044. 1611 Inject.  
1620 Remove 1 ml GW sample W-045 from VOA vial W-045C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@20' / Lab ID: TT120820-W-045. 1630 Inject.  
1640 Remove 10 ml GW sample W-046 from VOA vial W-046C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT513@10' / Lab ID: TT120820-W-046. 1650 Inject.  
1700 Rec 8 GWs from Chuck. Temp = 46F. FN:CCF-DPT500@40'(1400)/Lab ID: TT120820-W059 ; @35'(1415)/W60 ; @30'(1430)/W61 ; @20'(1445)/W62 ; @10'(1500)/W63  
1700 Rec 8 GWs from Chuck. FN:CCF-DPT589@10'(1555)/Lab ID: TT120820-W064 ; @20'(1610)/W65 ; @30'(1625)/W66  
1700 Remove 10 ml GW sample W-047 from VOA vial W-047C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@65' / Lab ID: TT120820-W-047. 1710 Inject.  
1737 Remove 10 ml GW sample W-048 from VOA vial W-048C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@60' / Lab ID: TT120820-W-048. 1747 Inject.  
1756 Remove 10 ml GW sample W-047 from VOA vial W-047C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@65' / Lab ID: TT120820-W-047R. 1806 Inject.  
1815 Remove 10 ml GW sample W-049 from VOA vial W-049C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@55' / Lab ID: TT120820-W-049. 1825 Inject.  
1834 Remove 10 ml GW sample W-050 from VOA vial W-050C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@50' / Lab ID: TT120820-W-050. 1844 Inject.

12/10/20 Activities:

0448 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 43 F. JG Finneran C#340024-2895 Lot# 843019231V2  
0458 Run method blank in (fn: 121020blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.  
0517 Run 10ml H2O with 100ng spike (fn: 121020ccv1.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio.  
0526 Remove 1 ml GW sample W-051 from VOA vial W-051C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@45' / Lab ID: TT120820-W-051. 0536 Inject.

Sampler / Company On-site: Chuck Sorden - Tetrattech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 12/8-10/2020

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Signature: \_\_\_\_\_

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: CCF Site

ALF Project: TT120820

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**12/10/20 Activities:**

0545 Remove 10 ml GW sample W-052 from VOA vial W-052C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@40' / Lab ID: TT120820-W-052. 0555 Inject.

0603 Remove 10 ml GW sample W-053 from VOA vial W-053C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@35' / Lab ID: TT120820-W-053. 0613 Inject.

0622 Remove 10 ml GW sample W-053 from VOA vial W-053C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@35' / Lab ID: TT120820-W-053DUP. 0632 Inject.

0641 Remove 10 ml GW sample W-054 from VOA vial W-054C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@30' / Lab ID: TT120820-W-054. 0651 Inject.

0700 Remove 10 ml GW sample W-054 from VOA vial W-054C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: CCF-DPT501@30' / Lab ID: TT120820-W-054MS. 0710 Inject.

0719 Remove 10 ml GW sample W-055 from VOA vial W-055C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@20' / Lab ID: TT120820-W-055. 0729 Inject.

0738 Remove 10 ml GW sample W-056 from VOA vial W-056C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT501@10' / Lab ID: TT120820-W-056. 0748 Inject.

0812 Remove 10 ml GW sample W-057 from VOA vial W-057C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@50' / Lab ID: TT120820-W-057. 0822 Inject.

0833 Remove 1 ml GW sample W-058 from VOA vial W-058C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@45' / Lab ID: TT120820-W-058. 0843 Inject.

0852 Remove 10 ml GW sample W-059 from VOA vial W-059C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@40' / Lab ID: TT120820-W-059. 0902 Inject.

0920 Remove 5 ml GW sample W-059 from VOA vial W-059C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@40' / Lab ID: TT120820-W-059r. 0930 Inject.

0940 Remove 10 ml GW sample W-060 from VOA vial W-060C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@35' / Lab ID: TT120820-W-060. 0950 Inject.

0959 Remove 10 ml GW sample W-061 from VOA vial W-061C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@30' / Lab ID: TT120820-W-061. 1009 Inject.

1028 Run 10ml H2O with 100ng spike (fn: 121020ccv2.d). All compound responses not within 20 % expected response and ion ratios within 30% expected ratio.

1047 Run 10ml H2O with 100ng spike (fn: 121020ccv2a.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio.

1107 Run method blank in (fn: 121020blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

1117 Remove 10 ml GW sample W-062 from VOA vial W-062C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@20' / Lab ID: TT120820-W-062. 1127 Inject.

1136 Remove 10 ml GW sample W-062 from VOA vial W-062C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: CCF-DPT500@20' / Lab ID: TT120820-W-062MS. 1146 Inject.

1210 Remove 5 ml GW sample W-060 from VOA vial W-060C-2 syringe. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@35' / Lab ID: TT120820-W-060rr. 1220 Inject.

1229 Remove 10 ml GW sample W-063 from VOA vial W-063C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT500@10' / Lab ID: TT120820-W-063. 1239 Inject.

1248 Remove 10 ml GW sample W-064 from VOA vial W-064C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT589@10' / Lab ID: TT120820-W-064. 1258 Inject.

1307 Remove 10 ml GW sample W-065 from VOA vial W-065C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT589@20' / Lab ID: TT120820-W-065. 1317 Inject.

1325 Remove 10 ml GW sample W-066 from VOA vial W-066C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT589@30' / Lab ID: TT120820-W-066. 1335 Inject.

1415 Rec 20 GWs from Chuck. Temp = 49F. FN:CCF-DPT589@40'(0725)/Lab ID: TT120820-W067 ; @45'(0745)/W68 ; @50'(0805)/W69 ; DPT590@10'(0845)/W70 ;

1415 Rec 20 GWs from Chuck. FN:CCF-DPT590@20'(0900)/Lab ID: TT120820-W071 ; @30'(0915)/W72 ; @40'(0930)/W73 ; @45'(0945)/W74 ; @50'(1005)/W75

1415 Rec 20 GWs from Chuck. FN:CCF-DPT591@10'(1045)/Lab ID: TT120820-W076 ; @20'(1100)/W77 ; @30'(1115)/W78 ; @40'(1135)/W79 ; @45'(1150)/W80;@50'(1225)/W81

1415 Rec 20 GWs from Chuck. FN:CCF-DPT592@15'(1310)/Lab ID: TT120820-W082 ; @20'(1325)/W83 ; @25'(1340)/W84 ; @30'(1355)/W85 ; @35'(1410)/W86

1450 Remove 10 ml GW sample W-067 from VOA vial W-067C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT589@40' / Lab ID: TT120820-W-067. 1500 Inject.

1512 Remove 10 ml GW sample W-068 from VOA vial W-068C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT589@45' / Lab ID: TT120820-W-068. 1522 Inject.

1533 Remove 10 ml GW sample W-069 from VOA vial W-069C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT589@50' / Lab ID: TT120820-W-069. 1543 Inject.

1552 Remove 10 ml GW sample W-070 from VOA vial W-070C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT590@10' / Lab ID: TT120820-W-070. 1602 Inject.

1611 Remove 10 ml GW sample W-071 from VOA vial W-071C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT590@20' / Lab ID: TT120820-W-071. 1621 Inject.

1630 Remove 10 ml GW sample W-072 from VOA vial W-072C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT590@30' / Lab ID: TT120820-W-072. 1640 Inject.

1649 Remove 10 ml GW sample W-073 from VOA vial W-073C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT590@40' / Lab ID: TT120820-W-073. 1659 Inject.

1655 Rec 8 GWs from Chuck. Temp = 53F. FN:CCF-DPT592@40'(1425)/Lab ID: TT120820-W087 ; @45'(1440)/W88 ; @50'(1455)/W89

1655 Rec 8 GWs from Chuck. FN:CCF-DPT593@10'(1520)/Lab ID: TT120820-W090 ; @20'(1535)/W91 ; @30'(1555)/W92;@40'(1615)/W93;@45'(1635)/W94

1708 Remove 10 ml GW sample W-074 from VOA vial W-074C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT590@45' / Lab ID: TT120820-W-074. 1718 Inject.

1727 Remove 10 ml GW sample W-075 from VOA vial W-075C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT590@50' / Lab ID: TT120820-W-075. 1737 Inject.

1746 Remove 10 ml GW sample W-076 from VOA vial W-076C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@10' / Lab ID: TT120820-W-076. 1756 Inject.

1806 Remove 10 ml GW sample W-077 from VOA vial W-077C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@20' / Lab ID: TT120820-W-077. 1816 Inject.

1825 Remove 10 ml GW sample W-078 from VOA vial W-078C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@30' / Lab ID: TT120820-W-078. 1836 Inject.

1844 Remove 10 ml GW sample W-079 from VOA vial W-079C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@40' / Lab ID: TT120820-W-079. 1854 Inject.

1903 Remove 10 ml GW sample W-080 from VOA vial W-080C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@45' / Lab ID: TT120820-W-080. 1913 Inject.

1922 Remove 10 ml GW sample W-080 from VOA vial W-080C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@45' / Lab ID: TT120820-W-080DUP. 1932 Inject.

**12/11/20 Activities:**

0501 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 48 F. JG Finneran C#340024-2895 Lot# 843019231V2

0511 Run method blank in (fn: 121120blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

0530 Run 10ml H2O with 100ng spike (fn: 121120ccv1.d). All compound responses NOT within 20 % expected response and ion ratios within 30% expected ratio... bake column

0548 Run 10ml H2O with 100ng spike (fn: 121120ccv2.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio.

0606 Remove 10 ml GW sample W-081 from VOA vial W-081C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT591@50' / Lab ID: TT120820-W-081. 0616 Inject.

0627 Remove 10 ml GW sample W-081 from VOA vial W-081C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: CCF-DPT591@50' / Lab ID: TT120820-W-081MS. 0637 Inject.

0645 Remove 10 ml GW sample W-082 from VOA vial W-082C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@15' / Lab ID: TT120820-W-082. 0655 Inject.

0704 Remove 10 ml GW sample W-083 from VOA vial W-083C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@20' / Lab ID: TT120820-W-083. 0714 Inject.

0724 Remove 10 ml GW sample W-083 from VOA vial W-083C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@20' / Lab ID: TT120820-W-083R. 0734 Inject.

0744 Remove 3 ml GW sample W-084 from VOA vial W-084C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@25' / Lab ID: TT120820-W-084. 0754 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 12/10-11/2020

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Signature: \_\_\_\_\_

*Dale A. Sharp*

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA

# FIELD ACTIVITIES FORM

Project Name: CCF Site

ALF Project: TT120820

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

12/11/20 Activities:

0803 Remove 10 ml GW sample W-085 from VOA vial W-085C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@30' / Lab ID: TT120820-W-085. 0813 Inject.

0822 Remove 5 ml GW sample W-086 from VOA vial W-086C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@35' / Lab ID: TT120820-W-086. 0832 Inject.

0848 Remove 5 ml GW sample W-087 from VOA vial W-087C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@40' / Lab ID: TT120820-W-087. 0858 Inject.

0922 Remove 5 ml GW sample W-088 from VOA vial W-088C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@45' / Lab ID: TT120820-W-088. 0932 Inject.

0941 Remove 10 ml GW sample W-089 from VOA vial W-089C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@50' / Lab ID: TT120820-W-089. 0951 Inject.

1000 Remove 10 ml GW sample W-089 from VOA vial W-089C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT592@50' / Lab ID: TT120820-W-089DUP. 1010 Inject.

1020 Remove 10 ml GW sample W-090 from VOA vial W-090C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT593@10' / Lab ID: TT120820-W-090. 1030 Inject.

1040 Remove 5 ml GW sample W-091 from VOA vial W-091C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT593@20' / Lab ID: TT120820-W-091. 1050 Inject.

1102 Remove 10 ml GW sample W-092 from VOA vial W-092C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT593@30' / Lab ID: TT120820-W-092. 1112 Inject.

1136 Remove 10 ml GW sample W-093 from VOA vial W-093C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT593@40' / Lab ID: TT120820-W-093. 1146 Inject.

1201 Remove 10 ml GW sample W-094 from VOA vial W-094C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT593@45' / Lab ID: TT120820-W-094. 1211 Inject.

1250 Rec 15 GWs from Chuck. Temp = 51F. FN:CCF-DPT594@10'(0740)/Lab ID: TT120820-W095 ; @20'(0755)/W96 ; @30'(0815)/W97; @40'(0835)/W98; @45'(0855)/W99

1250 Rec 15 GWs from Chuck. FN:CCF-DPT595@10'(0930)/Lab ID: TT120820-W100 ; @20'(0940)/W101 ; @30'(1000)/W102; @35'(1020)/W103; @40'(1035)/W104

1250 Rec 15 GWs from Chuck. FN:CCF-DPT595@45'(1055)/Lab ID: TT120820-W105 ; @50'(1110)/W106 ; DPT596@10'(1210)/W107; @20'(1225)/W108; @30'(1245)/W109

1300 Samples discarded in IDW drums.

1400 Remove 10 ml GW sample W-095 from VOA vial W-095C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT594@10' / Lab ID: TT120820-W-095. 1410 Inject.

1419 Remove 10 ml GW sample W-096 from VOA vial W-096C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT594@20' / Lab ID: TT120820-W-096. 1429 Inject.

1439 Remove 10 ml GW sample W-097 from VOA vial W-097C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT594@30' / Lab ID: TT120820-W-097. 1449 Inject.

1500 Remove 10 ml GW sample W-098 from VOA vial W-098C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT594@40' / Lab ID: TT120820-W-098. 1510 Inject.

1519 Remove 10 ml GW sample W-099 from VOA vial W-099C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT594@45' / Lab ID: TT120820-W-099. 1529 Inject.

1520 Rec 5 GWs from Chuck. FN:CCF-DPT596@40'(1305)/Lab ID: TT120820-W110 ; DPT597@10'(1345)/W111 ; @20'(1400)/W112; @30'(1420)/W113; @40'(1440)/W114

1525 samples placed in refrigerator #10 for storage. Temp = 3C (Frio Thermometer S/N M82134)

1539 Remove 10 ml GW sample W-100 from VOA vial W-100C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@10' / Lab ID: TT120820-W-100. 1549 Inject.

12/12/20 Activities:

0855 Frio Therm S/N Temp = 3C Ref #10.... Storing samples not run Friday.

12/13/20 Activities:

0654 Frio Therm S/N Temp = 3C Ref #10.... Storing samples not run Friday.

12/14/20 Activities:

0438 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 61 F. JG Finneran C#340024-2895 Lot# 843019231V2

0453 Run method blank in (fn: 121420blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

0513 Run 10ml H2O with 100ng spike (fn: 121420ccv1.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio... bake column

0526 Remove 3 ml GW sample W-101 from VOA vial W-101C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@20' / Lab ID: TT120820-W-101. 0536 Inject.

0546 Remove 3 ml GW sample W-101 from VOA vial W-101C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@20' / Lab ID: TT120820-W-101R. 0556 Inject.

0606 Remove 2 ml GW sample W-102 from VOA vial W-102C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@30' / Lab ID: TT120820-W-102. 0616 Inject.

0625 Remove 3 ml GW sample W-101 from VOA vial W-101C-2 syringe. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@20' / Lab ID: TT120820-W-101DUP. 0635 Inject.

0645 Remove 1 ml GW sample W-103 from VOA vial W-103C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@35' / Lab ID: TT120820-W-103. 0655 Inject.

0705 Remove 2 ml GW sample W-104 from VOA vial W-104C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@40' / Lab ID: TT120820-W-104. 0715 Inject.

0724 Remove 2 ml GW sample W-105 from VOA vial W-105C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@45' / Lab ID: TT120820-W-105. 0734 Inject.

0845 Remove 1 ml GW sample W-104 from VOA vial W-104C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@40' / Lab ID: TT120820-W-104r. 0855 Inject.

0905 Remove 1 ml GW sample W-105 from VOA vial W-105C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@45' / Lab ID: TT120820-W-105r. 0915 Inject.

0924 Remove 10 ml GW sample W-106 from VOA vial W-106C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT595@50' / Lab ID: TT120820-W-106. 0934 Inject.

0943 Remove 10 ml GW sample W-106 from VOA vial W-106C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: CCF-DPT595@50' / Lab ID: TT120820-W-106ms. 0953 Inject.

1010 Remove 10 ml GW sample W-107 from VOA vial W-107C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT596@10' / Lab ID: TT120820-W-107. 1020 Inject.

1030 Remove 3 ml GW sample W-108 from VOA vial W-108C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT596@20' / Lab ID: TT120820-W-108. 1040 Inject.

1122 Remove 3 ml GW sample W-109 from VOA vial W-109C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT596@30' / Lab ID: TT120820-W-109. 1132 Inject.

1140 Remove 10 ml GW sample W-109 from VOA vial W-109C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT596@30' / Lab ID: TT120820-W-109r. 1150 Inject.

1201 Remove 1 ml GW sample W-110 from VOA vial W-110C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT596@40' / Lab ID: TT120820-W-110. 1211 Inject.

1226 Remove 10 ml GW sample W-111 from VOA vial W-111C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT597@10' / Lab ID: TT120820-W-111. 1236 Inject.

1259 Run 10ml H2O with 100ng spike (fn: 121420ccv2.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio... bake column

1328 Run method blank in (fn: 121420blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

1337 Remove 10 ml GW sample W-112 from VOA vial W-112C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT597@20' / Lab ID: TT120820-W-112. 1347 Inject.

1357 Remove 10 ml GW sample W-112 from VOA vial W-112C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: CCF-DPT597@20' / Lab ID: TT120820-W-112ms. 1407 Inject.

1417 Remove 10 ml GW sample W-113 from VOA vial W-113C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT597@30' / Lab ID: TT120820-W-113. 1427 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 12/11,14/2020

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Signature: \_\_\_\_\_

Important phone calls / Changes:



ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: CCF Site

ALF Project: TT120820

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-1,2-DCE, and TCE.

Lab#1/GC#5

12/14/20 Activities:

1435 Remove 10 ml GW sample W-114 from VOA vial W-114C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT597@40' / Lab ID: TT120820-W-114. 1445 Inject.

1530 Rec 19 GWs from Chuck. Temp = 53F. FN:CCF-DPT598@25'(0915)/Lab ID: TT120820-W115 ; @30'(0930)/W116 ; @35'(0950)/W117;@40'(1005)/W118

1530 Rec 19 GWs from Chuck. FN:CCF-DPT599@25'(1035)/Lab ID: TT120820-W119 ; @30'(1050)/W120 ; @35'(1105)/W121;@40'(1120)/W122

1530 Rec 19 GWs from Chuck. FN:CCF-DPT600@25'(1155)/Lab ID: TT120820-W123 ; @30'(1210)/W124 ; @35'(1225)/W125;@40'(1245)/W126

1530 Rec 19 GWs from Chuck. FN:CCF-DPT601@30'(1335)/Lab ID: TT120820-W127 ; @35'(1350)/W128 ; @40'(1405)/W129;@45'(1420)/W130;@50'(1435)/W131

1530 Rec 19 GWs from Chuck. FN:CCF-DPT602@10'(1515)/Lab ID: TT120820-W132 ; @20'(1525)/W133

1604 Remove 10 ml GW sample W-115 from VOA vial W-115C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT598@25' / Lab ID: TT120820-W-115. 1614 Inject.

1622 Remove 10 ml GW sample W-116 from VOA vial W-116C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT598@30' / Lab ID: TT120820-W-116. 1632 Inject.

1642 Remove 10 ml GW sample W-110 from VOA vial W-110C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT596@40' / Lab ID: TT120820-W-110r. 1652 Inject.

1701 Remove 10 ml GW sample W-117 from VOA vial W-117C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT598@35' / Lab ID: TT120820-W-117. 1711 Inject.

1720 Remove 10 ml GW sample W-118 from VOA vial W-118C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT598@40' / Lab ID: TT120820-W-118. 1730 Inject.

1739 Remove 10 ml GW sample W-119 from VOA vial W-119C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT599@25' / Lab ID: TT120820-W-119. 1749 Inject.

1745 Rec 6 GWs from Chuck. Temp = 62F. FN:CCF-DPT602@30'(1540)/Lab ID: TT120820-W134 ; @40'(1555)/W135 ; @45'(1610)/W136;

1745 Rec 6 GWs from Chuck. FN:CCF-DPT603@10'(1640)/Lab ID: TT120820-W137 ; @20'(1655)/W138 ; @30'(1715)/W139;

1758 Remove 10 ml GW sample W-120 from VOA vial W-120C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT599@30' / Lab ID: TT120820-W-120. 1808 Inject.

1820 Remove 10 ml GW sample W-121 from VOA vial W-121C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT599@35' / Lab ID: TT120820-W-121. 1830 Inject.

1840 Remove 10 ml GW sample W-122 from VOA vial W-122C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT599@40' / Lab ID: TT120820-W-122. 1850 Inject.

1901 Remove 10 ml GW sample W-123 from VOA vial W-123C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT600@25' / Lab ID: TT120820-W-123. 1911 Inject.

1924 Remove 10 ml GW sample W-124 from VOA vial W-124C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT600@30' / Lab ID: TT120820-W-124. 1934 Inject.

1942 Remove 10 ml GW sample W-125 from VOA vial W-125C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT600@35' / Lab ID: TT120820-W-125. 1952 Inject.

2002 Remove 10 ml GW sample W-125 from VOA vial W-125C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT600@35' / Lab ID: TT120820-W-125dup. 2012 Inject.

12/15/20 Activities:

0550 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 62 F. JG Finneran C#340024-2895 Lot# 843019231V2

0556 Run method blank in (fn: 121520blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

0600 TO 0910 recalibrate GC#5 (Method: 120720dry6F.CB.M) . Bake column

0907 Remove 10 ml GW sample W-126 from VOA vial W-126C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT600@40' / Lab ID: TT120820-W-126. 0917 Inject.

0948 Remove 10 ml GW sample W-127 from VOA vial W-127C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT601@30' / Lab ID: TT120820-W-127. 0958 Inject.

1008 Remove 10 ml GW sample W-127 from VOA vial W-127C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT601@30' / Lab ID: TT120820-W-127dup. 1018 Inject.

1029 Remove 10 ml GW sample W-128 from VOA vial W-128C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT601@35' / Lab ID: TT120820-W-128. 1039 Inject.

1106 Remove 10 ml GW sample W-129 from VOA vial W-129C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT601@40' / Lab ID: TT120820-W-129. 1116 Inject.

1126 Remove 10 ml GW sample W-130 from VOA vial W-130C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT601@45' / Lab ID: TT120820-W-130. 1136 Inject.

1147 Remove 10 ml GW sample W-131 from VOA vial W-131C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT601@50' / Lab ID: TT120820-W-131. 1157 Inject.

1206 Remove 10 ml GW sample W-132 from VOA vial W-132C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT602@10' / Lab ID: TT120820-W-132. 1216 Inject.

1228 Remove 10 ml GW sample W-133 from VOA vial W-133C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT602@20' / Lab ID: TT120820-W-133. 1238 Inject.

1248 Remove 1 ml GW sample W-134 from VOA vial W-134C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT602@30' / Lab ID: TT120820-W-134. 1258 Inject.

1308 Remove 10 ml GW sample W-135 from VOA vial W-135C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT602@40' / Lab ID: TT120820-W-135. 1318 Inject.

1337 Run 10ml H2O with 100ng spike (fn: 121520ccv2.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio... bake column

1357 Run method blank in (fn: 121520blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

1405 Remove 10 ml GW sample W-136 from VOA vial W-136C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT602@45' / Lab ID: TT120820-W-136. 1415 Inject.

1424 Remove 10 ml GW sample W-136 from VOA vial W-136C-2. Add 100NG, int/surr stds. Load onto PT-1. FN: CCF-DPT602@45' / Lab ID: TT120820-W-136ms. 1434 Inject.

1446 Remove 10 ml GW sample W-137 from VOA vial W-137C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT603@10' / Lab ID: TT120820-W-137. 1456 Inject.

1504 Remove 10 ml GW sample W-137 from VOA vial W-137C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT603@10' / Lab ID: TT120820-W-137dup. 1514 Inject.

1522 Remove 10 ml GW sample W-138 from VOA vial W-138C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT603@20' / Lab ID: TT120820-W-138. 1532 Inject.

1612 Rec 23 GWs from Chuck. Temp = 58F. FN:CCF-DPT603@40'(0720)/Lab ID: TT120820-W140 ; DPT604@10'(0742)/W141 ; @20'(0750)/W142;@30'(0803)/W143

1612 Rec 23 GWs from Chuck. FN:CCF-DPT604@40'(0820)/Lab ID: TT120820-W144 ; DPT605@30'(0933)/W145 ; @35'(0947)/W146;@40'(1005)/W147;@45'(1020)/W148

1612 Rec 23 GWs from Chuck. FN:CCF-DPT606@30'(1052)/Lab ID: TT120820-W149 ; @35'(1110)/W150 ; @40'(1128)/W151;@45'(1145)/W152;@50'(1205)/W153

1612 Rec 23 GWs from Chuck. FN:CCF-DPT607@30'(1305)/Lab ID: TT120820-W154 ; @35'(1320)/W155 ; @40'(1340)/W156;@45'(1355)/W157;@50'(1415)/W158

1612 Rec 23 GWs from Chuck. FN:CCF-DPT494@50'(1455)/Lab ID: TT120820-W1595 ; @45'(1510)/W160 ; @40'(1525)/W161;DPT608@20'(1610)/W162

1640 Remove 10 ml GW sample W-139 from VOA vial W-139C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT603@30' / Lab ID: TT120820-W-139. 1650 Inject.

1701 Remove 10 ml GW sample W-140 from VOA vial W-140C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT603@40' / Lab ID: TT120820-W-140. 1711 Inject.

1720 Remove 10 ml GW sample W-141 from VOA vial W-141C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT604@10' / Lab ID: TT120820-W-141. 1730 Inject.

1739 Remove 10 ml GW sample W-142 from VOA vial W-142C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT604@20' / Lab ID: TT120820-W-142. 1749 Inject.

1758 Remove 10 ml GW sample W-143 from VOA vial W-143C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT604@30' / Lab ID: TT120820-W-143. 1808 Inject.

1816 Remove 10 ml GW sample W-144 from VOA vial W-144C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT604@40' / Lab ID: TT120820-W-144. 1826 Inject.

1838 Remove 10 ml GW sample W-145 from VOA vial W-145C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT605@30' / Lab ID: TT120820-W-145. 1848 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 12/14-15/2020

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Signature: \_\_\_\_\_

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA

# FIELD ACTIVITIES FORM

Project Name: CCF Site

ALF Project: TT120820

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

12/15/20 Activities:

1856 Remove 10 ml GW sample W-144 from VOA vial W-144C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT604@40' / Lab ID: TT120820-W-144R. 1906 Inject.  
1914 Remove 10 ml GW sample W-146 from VOA vial W-146C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT605@35' / Lab ID: TT120820-W-146. 1924 Inject.  
1933 Remove 10 ml GW sample W-147 from VOA vial W-147C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT605@40' / Lab ID: TT120820-W-147. 1943 Inject.  
1951 Remove 10 ml GW sample W-148 from VOA vial W-148C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT605@45' / Lab ID: TT120820-W-148. 2001 Inject.  
2010 Remove 10 ml GW sample W-149 from VOA vial W-149C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT606@30' / Lab ID: TT120820-W-149. 2020 Inject.  
2029 Remove 10 ml GW sample W-150 from VOA vial W-150C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT606@35' / Lab ID: TT120820-W-150. 2039 Inject.

12/16/20 Activities:

0516 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 58 F. JG Finneran C#340024-2895 Lot# 843019231V2  
0521 Run method blank in (fn: 121620blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.  
0630 TO 0915 recalibrate GC#5 (Method: 121620dry6F.CB.M) . Bake column  
0918 Remove 10 ml GW sample W-151 from VOA vial W-151C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT606@40' / Lab ID: TT120820-W-151. 0928 Inject.  
0937 Remove 10 ml GW sample W-152 from VOA vial W-152C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT606@45' / Lab ID: TT120820-W-152. 0947 Inject.  
0954 Remove 10 ml GW sample W-152 from VOA vial W-152C-2. Add 100NG.int/surr stds. Load onto PT-1. FN: CCF-DPT606@45' / Lab ID: TT120820-W-152MS. 1004 Inject.  
1013 Remove 10 ml GW sample W-153 from VOA vial W-153C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT606@50' / Lab ID: TT120820-W-153. 1023 Inject.  
1030 Remove 10 ml GW sample W-154 from VOA vial W-154C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT607@30' / Lab ID: TT120820-W-154. 1040 Inject.  
1049 Remove 10 ml GW sample W-155 from VOA vial W-155C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT607@35' / Lab ID: TT120820-W-155. 1059 Inject.  
1106 Remove 10 ml GW sample W-155 from VOA vial W-155C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT607@35' / Lab ID: TT120820-W-155DUP. 1116 Inject.  
1124 Remove 10 ml GW sample W-156 from VOA vial W-156C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT607@40' / Lab ID: TT120820-W-156. 1134 Inject.  
1153 Run 10ml H2O with 100ng spike (fn: 121620ccv1.d). All compound responses within 20 % expected response and ion ratios within 30% expected ratio... bake column  
1211 Run method blank in (fn: 121620blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.  
1219 Remove 10 ml GW sample W-157 from VOA vial W-157C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT607@45' / Lab ID: TT120820-W-157. 1229 Inject.  
1238 Remove 10 ml GW sample W-157 from VOA vial W-157C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: CCF-DPT607@45' / Lab ID: TT120820-W-157ms. 1248 Inject.  
1259 Remove 10 ml GW sample W-158 from VOA vial W-158C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT607@50' / Lab ID: TT120820-W-158. 1309 Inject.  
1319 Remove 10 ml GW sample W-159 from VOA vial W-159C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT494@50' / Lab ID: TT120820-W-159. 1329 Inject.  
1338 Remove 5 ml GW sample W-160 from VOA vial W-160C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT494@45' / Lab ID: TT120820-W-160. 1348 Inject.  
1414 Remove 5 ml GW sample W-160 from VOA vial W-160C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT494@45' / Lab ID: TT120820-W-160dup. 1424 Inject.  
1433 Remove 5 ml GW sample W-161 from VOA vial W-161C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT494@40' / Lab ID: TT120820-W-161. 1443 Inject.  
1451 Remove 3 ml GW sample W-162 from VOA vial W-162C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT608@20' / Lab ID: TT120820-W-162. 1501 Inject.  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT608@30'(1625 12/15)/Lab ID: TT120820-W163 ; @40'(1640)/W164 ; @50'(1700)/W165  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT609@10'(0730)/Lab ID: TT120820-W166 ; @20'(0745)/W167 ; @30'(0800)/W168;@40'(0815)/W169  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT610@10'(0915)/Lab ID: TT120820-W170 ; @20'(0930)/W171 ; @30'(0945)/W172;@40'(1000)/W173  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT611@10'(10305)/Lab ID: TT120820-W174 ; @20'(1040)/W175 ; @30'(1055)/W176;@40'(1110)/W177  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT533@40'(1140)/Lab ID: TT120820-W178 ; @30'(1155)/W179 ; @20'(1210)/W180;@10'(1225)/W181  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT612@10'(1255)/Lab ID: TT120820-W182 ; @20'(1305)/W183 ; @30'(1320)/W184;@40'(1335)/W185  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT613@10'(1405)/Lab ID: TT120820-W186 ; @20'(1420)/W187 ; @30'(1435)/W188;  
1540 Rec 29 GWs from Chuck. FN:CCF-DPT614@20'(1505)/Lab ID: TT120820-W189 ; @30'(1520)/W190 ; @40'(1535)/W191;  
1622 Remove 5 ml GW sample W-163 from VOA vial W-163C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT608@30' / Lab ID: TT120820-W-163. 1632 Inject.  
1641 Remove 10 ml GW sample W-164 from VOA vial W-164C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT608@40' / Lab ID: TT120820-W-164. 1651 Inject.  
1659 Remove 10 ml GW sample W-165 from VOA vial W-165C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT608@50' / Lab ID: TT120820-W-165. 1709 Inject.  
1718 Remove 10 ml GW sample W-166 from VOA vial W-166C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT609@10' / Lab ID: TT120820-W-166. 1728 Inject.  
1735 Remove 10 ml GW sample W-167 from VOA vial W-167C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT609@20' / Lab ID: TT120820-W-167. 1745 Inject.  
1745 Rec 2 GWs from Chuck. Temp=51F. FN:CCF-DPT614@50'(1555)/Lab ID: TT120820-W192 ; TANK-222796 (1630)/W193  
1753 Remove 1 ml GW sample W-168 from VOA vial W-168C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT609@30' / Lab ID: TT120820-W-168. 1803 Inject.  
1811 Remove 3 ml GW sample W-168 from VOA vial W-168C-2. Add int/surr stds. Load onto PT-1. FN: CCF-DPT609@30' / Lab ID: TT120820-W-168r. 1821 Inject.  
1829 Remove 10 ml GW sample W-169 from VOA vial W-169C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT609@40' / Lab ID: TT120820-W-169. 1839 Inject.  
1847 Remove 10 ml GW sample W-170 from VOA vial W-170C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT610@10' / Lab ID: TT120820-W-170. 1857 Inject.  
1905 Remove 10 ml GW sample W-171 from VOA vial W-171C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT610@20' / Lab ID: TT120820-W-171. 1915 Inject.  
1925 Remove 5 ml GW sample W-172 from VOA vial W-172C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT610@30' / Lab ID: TT120820-W-172. 1935 Inject.  
1943 Remove 5 ml GW sample W-173 from VOA vial W-173C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT610@40' / Lab ID: TT120820-W-173. 1953 Inject.  
2004 Remove 10 ml GW sample W-174 from VOA vial W-174C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT611@10' / Lab ID: TT120820-W-174. 2014 Inject.  
2023 Remove 10 ml GW sample W-175 from VOA vial W-175C-1. Add int/surr stds. Load onto PT-1. FN: CCF-DPT611@20' / Lab ID: TT120820-W-175. 2033 Inject.

12/17/20 Activities:

0533 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 64 F. JG Finneran C#340024-2895 Lot# 843019231V2  
0541 Run method blank in (fn: 121720blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard. Tune Good.

Sampler / Company On-site: Chuck Sorden - Tetrattech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 12/15-7/2020

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Signature: \_\_\_\_\_

Important phone calls / Changes:



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 105.1      |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 96.8       |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100.6      |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 97.2       |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 88.1       |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 111.4      |               | %     |
| CCF-DPT0582-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.5       |               | %     |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 130        |               | UG/L  |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0582-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.3       |               | %     |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 4900       |               | UG/L  |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0582-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 190        |               | UG/L  |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0583-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.2       |               | %     |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.5       |               | %     |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.2      |               | %     |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0583-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.5       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.3       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 97.7       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 96.3       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 99.3       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 99.8       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 85.2       |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 113.0      |               | %     |
| CCF-DPT0534-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-015.0-20201207 | GW     | 12/07/2020  | 13        | 17           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.1      |               | %     |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0534-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.6       |               | %     |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-010.0-20201207 | GW     | 12/07/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.5       |               | %     |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-020.0-20201207 | GW     | 12/07/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 13         |               | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.8       |               | %     |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 17         |               | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0584-030.0-20201207 | GW     | 12/07/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.8       |               | %     |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.9       |               | %     |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.0      |               | %     |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7          |               | UG/L  |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 117.5      |               | %     |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0585-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 108.9      |               | %     |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 14         |               | UG/L  |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 20         |               | UG/L  |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.4       |               | %     |
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7          |               | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.0      |               | %     |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0586-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.3      |               | %     |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 30         |               | UG/L  |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 130        |               | UG/L  |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0587-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.1      |               | %     |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 350        |               | UG/L  |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 49         |               | UG/L  |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0587-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.5       |               | %     |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 46         |               | UG/L  |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100        |               | UG/L  |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0587-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0587-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 340        |               | UG/L  |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 290        |               | UG/L  |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.1      |               | %     |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 250        |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 12         |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 450        |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 57         |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.5      |               | %     |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 240        |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 11         |               | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 450        |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 55         |               | UG/L  |
| CCF-DPT0588-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.2       |               | %     |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 300        |               | UG/L  |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 8          |               | UG/L  |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 390        |               | UG/L  |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0588-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 9          |               | UG/L  |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 860        |               | UG/L  |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0588-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.2       |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.0       |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 96.5       |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 105.3      |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 107.6      |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 108.4      |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 95.6       |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 105.9      |               | %     |
| CCF-DPT0588-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-065.0-20201208 | GW     | 12/08/2020  | 63        | 67           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 160.4      |               | %     |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-060.0-20201208 | GW     | 12/08/2020  | 58        | 62           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.3      |               | %     |
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0502-055.0-20201208 | GW     | 12/08/2020  | 53        | 57           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.2      |               | %     |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-050.0-20201208 | GW     | 12/08/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.1      |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.4      |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 87.7       |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 93.9       |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 97.7       |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 92.8       |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 122.6      |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100.1      |               | %     |
| CCF-DPT0502-045.0-20201208 | GW     | 12/08/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.6      |               | %     |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1100       |               | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 12         |               | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 520        |               | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.7      |               | %     |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1100       |               | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 12         |               | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 510        |               | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0502-040.0-20201208 | GW     | 12/08/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.0      |               | %     |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1800       |               | UG/L  |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 260        |               | UG/L  |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0502-035.0-20201208 | GW     | 12/08/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 103.5      |               | %     |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 50         |               | UG/L  |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0502-030.0-20201208 | GW     | 12/08/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.0      |               | %     |
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 38         |               | UG/L  |
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0502-020.0-20201208 | GW     | 12/08/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.8      |               | %     |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 270        |               | UG/L  |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0502-010.0-20201208 | GW     | 12/08/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.0      |               | %     |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1000       |               | UG/L  |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 13         |               | UG/L  |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 190        |               | UG/L  |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0513-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.5      |               | %     |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 79         |               | UG/L  |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 88         |               | UG/L  |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.2      |               | %     |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7          |               | UG/L  |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0513-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.0      |               | %     |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 31         |               | UG/L  |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 13         |               | UG/L  |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.5      |               | %     |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 730        |               | UG/L  |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 23         |               | UG/L  |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1500       |               | UG/L  |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0513-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.9      |               | %     |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 95         |               | UG/L  |
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 170        |               | UG/L  |
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0513-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.7      |               | %     |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-065.0-20201209 | GW     | 12/09/2020  | 63        | 67           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 151.8      |               | %     |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-060.0-20201209 | GW     | 12/09/2020  | 58        | 62           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.9      |               | %     |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-055.0-20201209 | GW     | 12/09/2020  | 53        | 57           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 103.7      |               | %     |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.9      |               | %     |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1300       |               | UG/L  |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 17         |               | UG/L  |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 490        |               | UG/L  |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.4       |               | %     |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 56         |               | UG/L  |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.3      |               | %     |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 28         |               | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 16         |               | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.5      |               | %     |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 29         |               | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 18         |               | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.0      |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 6          |               | UG/L  |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 17         |               | UG/L  |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 88.8       |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 95.8       |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 94.6       |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 92.2       |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 98.9       |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 107.9      |               | %     |
| CCF-DPT0501-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.4      |               | %     |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 50         |               | UG/L  |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0501-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.3       |               | %     |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 350        |               | UG/L  |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 57         |               | UG/L  |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0501-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-050.0-20201209 | GW     | 12/09/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 116.1      |               | %     |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 960        |               | UG/L  |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 300        |               | UG/L  |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0500-045.0-20201209 | GW     | 12/09/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 107.8      |               | %     |
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 180        |               | UG/L  |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 23         |               | UG/L  |
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0500-040.0-20201209 | GW     | 12/09/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.6      |               | %     |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 9          |               | UG/L  |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-035.0-20201209 | GW     | 12/09/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.1      |               | %     |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 30         |               | UG/L  |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 14         |               | UG/L  |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 105.4      |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8          |               | UG/L  |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.2      |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 93.8       |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 98.6       |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 97.5       |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 94.4       |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 93.7       |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 108.8      |               | %     |
| CCF-DPT0500-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.4      |               | %     |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 38         |               | UG/L  |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 14         |               | UG/L  |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0500-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.0      |               | %     |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-010.0-20201209 | GW     | 12/09/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.6      |               | %     |
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-020.0-20201209 | GW     | 12/09/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.1      |               | %     |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-030.0-20201209 | GW     | 12/09/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0589-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.3      |               | %     |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.5      |               | %     |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0589-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.4      |               | %     |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.3      |               | %     |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.4      |               | %     |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.5      |               | %     |
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.7      |               | %     |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.1      |               | %     |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0590-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.3       |               | %     |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.6      |               | %     |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 103.3      |               | %     |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 111.7      |               | %     |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.0      |               | %     |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.0      |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.9      |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 84.0       |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 83.6       |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 95.3       |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 84.6       |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 105.7      |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 101.8      |               | %     |
| CCF-DPT0591-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-015.0-20201210 | GW     | 12/10/2020  | 13        | 17           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.3      |               | %     |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3000       |               | UG/L  |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 56         |               | UG/L  |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 61         |               | UG/L  |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0592-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.7      |               | %     |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 200        |               | UG/L  |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 29         |               | UG/L  |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0592-025.0-20201210 | GW     | 12/10/2020  | 23        | 27           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.9      |               | %     |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 76         |               | UG/L  |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         |               | UG/L  |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 150        |               | UG/L  |
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-035.0-20201210 | GW     | 12/10/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.2      |               | %     |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 58         |               | UG/L  |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.9      |               | %     |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 280        |               | UG/L  |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0592-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.5       |               | %     |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 47         |               | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.8       |               | %     |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 46         |               | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0592-050.0-20201210 | GW     | 12/10/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-010.0-20201210 | GW     | 12/10/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.2      |               | %     |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 440        |               | UG/L  |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 29         |               | UG/L  |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0593-020.0-20201210 | GW     | 12/10/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.8      |               | %     |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 75         |               | UG/L  |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-030.0-20201210 | GW     | 12/10/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-040.0-20201210 | GW     | 12/10/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.3      |               | %     |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0593-045.0-20201210 | GW     | 12/10/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 71         |               | UG/L  |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.8      |               | %     |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 62         |               | UG/L  |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 13         |               | UG/L  |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.8       |               | %     |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.5      |               | %     |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0594-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8          |               | UG/L  |
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 8          |               | UG/L  |
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.4      |               | %     |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        |               | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 50         |               | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.1      |               | %     |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 350        |               | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 56         |               | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0595-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.5      |               | %     |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 760        |               | UG/L  |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 13         |               | UG/L  |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 230        |               | UG/L  |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0595-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.8      |               | %     |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2800       |               | UG/L  |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 37         |               | UG/L  |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 260        |               | UG/L  |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-035.0-20201211 | GW     | 12/11/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.0      |               | %     |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2000       |               | UG/L  |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 19         |               | UG/L  |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 230        |               | UG/L  |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.4      |               | %     |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2200       |               | UG/L  |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 34         |               | UG/L  |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0595-045.0-20201211 | GW     | 12/11/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.4      |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.8      |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 89.9       |               | %     |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 99.9       |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 105.4      |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 99.8       |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100.8      |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 106.3      |               | %     |
| CCF-DPT0595-050.0-20201211 | GW     | 12/11/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.3      |               | %     |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 104.1      |               | %     |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 110        |               | UG/L  |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 22         |               | UG/L  |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0596-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.1      |               | %     |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 15         |               | UG/L  |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0596-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.4      |               | %     |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 26         |               | UG/L  |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0596-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.4      |               | %     |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-010.0-20201211 | GW     | 12/11/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.8       |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.4      |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 88.1       |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 90.9       |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 91.2       |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 89.8       |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 125.0      |               | %     |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 95.5       |               | %     |
| CCF-DPT0597-020.0-20201211 | GW     | 12/11/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 103.1      |               | %     |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-030.0-20201211 | GW     | 12/11/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.7      |               | %     |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0597-040.0-20201211 | GW     | 12/11/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.7      |               | %     |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.5       |               | %     |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.8      |               | %     |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0598-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.3      |               | %     |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.3      |               | %     |
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 103.1      |               | %     |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.7      |               | %     |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0599-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-025.0-20201214 | GW     | 12/14/2020  | 23        | 27           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.7      |               | %     |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.5      |               | %     |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.8      |               | %     |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.4      |               | %     |
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0600-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.4      |               | %     |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 25         |               | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 25         |               | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.3       |               | %     |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 26         |               | UG/L  |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-035.0-20201214 | GW     | 12/14/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.9      |               | %     |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 14         |               | UG/L  |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.6       |               | %     |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 38         |               | UG/L  |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.7      |               | %     |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0601-050.0-20201214 | GW     | 12/14/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 95.6       |               | %     |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.4       |               | %     |
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         |               | UG/L  |
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 12         |               | UG/L  |
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.8      |               | %     |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 640        |               | UG/L  |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 25         |               | UG/L  |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0602-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.2       |               | %     |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 110        |               | UG/L  |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-040.0-20201214 | GW     | 12/14/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.4      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.4      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 123.6      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 124.5      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 121.0      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 116.7      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 83.5       |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 107.5      |               | %     |
| CCF-DPT0602-045.0-20201214 | GW     | 12/14/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.9       |               | %     |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 49         |               | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.0      |               | %     |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 47         |               | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-010.0-20201214 | GW     | 12/14/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 170        |               | UG/L  |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-020.0-20201214 | GW     | 12/14/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.8      |               | %     |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 57         |               | UG/L  |
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 31         |               | UG/L  |
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-030.0-20201214 | GW     | 12/14/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0603-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 104.6      |               | %     |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 18         |               | UG/L  |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-010.0-20201215 | GW     | 12/15/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.9      |               | %     |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.7      |               | %     |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.5      |               | %     |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0604-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 24         |               | UG/L  |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 14         |               | UG/L  |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.0      |               | %     |
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 104.4      |               | %     |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0605-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.7      |               | %     |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 8          |               | UG/L  |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.5      |               | %     |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6          |               | UG/L  |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.9      |               | %     |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.4       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 6          |               | UG/L  |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.3       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 86.3       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 90.7       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 91.7       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 90.0       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 93.6       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 92.6       |               | %     |
| CCF-DPT0606-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.5       |               | %     |
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0606-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.4       |               | %     |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7          |               | UG/L  |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.5       |               | %     |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 39         |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.5       |               | %     |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 33         |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0607-035.0-20201215 | GW     | 12/15/2020  | 33        | 37           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.8       |               | %     |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 16         |               | UG/L  |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.6       |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 107.6      |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 101.2      |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 107.3      |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100.4      |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 96.9       |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 97.8       |               | %     |
| CCF-DPT0607-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.3      |               | %     |
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0607-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.0       |               | %     |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8          |               | UG/L  |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0494-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 87.3       |               | %     |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.5       |               | %     |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 140        |               | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-045.0-20201215 | GW     | 12/15/2020  | 43        | 47           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.8       |               | %     |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8          |               | UG/L  |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 26         |               | UG/L  |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0494-040.0-20201215 | GW     | 12/15/2020  | 38        | 40           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.3       |               | %     |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 300        |               | UG/L  |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 8          |               | UG/L  |
| CCF-DPT0608-020.0-20201215 | GW     | 12/15/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.0       |               | %     |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 28         |               | UG/L  |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 210        |               | UG/L  |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0608-030.0-20201215 | GW     | 12/15/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.8       |               | %     |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 18         |               | UG/L  |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 58         |               | UG/L  |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0608-040.0-20201215 | GW     | 12/15/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.1      |               | %     |
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 16         |               | UG/L  |
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |



## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 42         |               | UG/L  |
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0608-050.0-20201215 | GW     | 12/15/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.8      |               | %     |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.6      |               | %     |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 101.5      |               | %     |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3900       |               | UG/L  |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0609-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 100.5      |               | %     |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0609-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.2      |               | %     |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11         |               | UG/L  |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 150        |               | UG/L  |
| CCF-DPT0610-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.9       |               | %     |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0610-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.9       |               | %     |
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 28         |               | UG/L  |
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0610-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.7       |               | %     |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100        |               | UG/L  |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 7          |               | UG/L  |
| CCF-DPT0610-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.3       |               | %     |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 102.6      |               | %     |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.9       |               | %     |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 22         |               | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 95.5       |               | %     |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 21         |               | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 94.7       |               | %     |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 11         |               | UG/L  |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 48         |               | UG/L  |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0611-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 94.8       |               | %     |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 17         |               | UG/L  |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 74         |               | UG/L  |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0533-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.3       |               | %     |
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 16         |               | UG/L  |
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0533-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.7       |               | %     |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6          |               | UG/L  |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0533-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 95.7       |               | %     |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 95         |               | UG/L  |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 64         |               | UG/L  |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 580        |               | UG/L  |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 750        |               | UG/L  |
| CCF-DPT0533-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.8       |               | %     |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.3       |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 98.9       |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 117.3      |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 110.1      |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 113.2      |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 106.4      |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 95.1       |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 90.9       |               | %     |
| CCF-DPT0612-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.7       |               | %     |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 9          |               | UG/L  |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0612-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.0       |               | %     |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 22         |               | UG/L  |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 37         |               | UG/L  |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0612-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 95.1       |               | %     |

## Analytical Labs of Florida, Inc. - December 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0613-010.0-20201216 | GW     | 12/16/2020  | 8         | 12           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 99.6       |               | %     |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 29         |               | UG/L  |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 200        |               | UG/L  |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 53         |               | UG/L  |
| CCF-DPT0613-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.7       |               | %     |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 15         |               | UG/L  |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 6          |               | UG/L  |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 210        |               | UG/L  |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 11         |               | UG/L  |
| CCF-DPT0613-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.8       |               | %     |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 84         |               | UG/L  |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-020.0-20201216 | GW     | 12/16/2020  | 18        | 22           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.7       |               | %     |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8          |               | UG/L  |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 18         |               | UG/L  |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 450        |               | UG/L  |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0614-030.0-20201216 | GW     | 12/16/2020  | 28        | 32           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 95.6       |               | %     |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 35         |               | UG/L  |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0614-040.0-20201216 | GW     | 12/16/2020  | 38        | 42           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 96.2       |               | %     |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 6          |               | UG/L  |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0614-050.0-20201216 | GW     | 12/16/2020  | 48        | 52           | TT120820              | d8-TOLUENE                     | 2037-26-5 | 8260D           | 97.4       |               | %     |



# Analytical Laboratories of Florida, Inc.

July 29, 2020

Lee Leck  
Sample Management Coordinator  
TetraTech NUS, Inc.  
Project Name: LC34 Site, KSC, Fl.



Re: PDF - Analytical Data Package

Analytical Laboratories of Florida, Inc. (ALF) office located at 2265 Leaside Court, Merritt Island, Florida provided laboratory services for TetraTech NUS, Inc. at the Launch Complex 34(LC34) and CCF areas of Kennedy Space Center during direct push temporary well sample collection. The site is located at NASA's Kennedy Space Center, Florida complex. The laboratory contact is Dale Schamp at 321-258-1355. The laboratory project name is TT061720. Analysis was performed utilizing EPA8260D methodology. A total of 339 ground water samples were analyzed by Dale Schamp (Chemist) over a period of sixteen days from July 6-25, 2020. The project utilized both of the two mobile laboratories over the duration of the project. The mobile laboratories are certified (Certification Number E83934 or E831090) by the Florida Department of Health using the guidelines of the national NELAC certification program. TetraTech's Information System's Group (<http://isg.ttnus.com>) specified the excel spreadsheet format utilized to transport environmental analytical data to TetraTech in an electronic format. ALF's data was submitted to TetraTech under file name EDDNASA.LC34.070620.final on July 29, 2020.

TetraTech/NUS' Project Manager is Mark Jonnet out of the Pittsburgh, Pa. office. The Prime Contact's subcontract number is S1169041. The mobile laboratory was utilized to perform laboratory analysis to delineate volatile organic contamination in the groundwater at various NASA sites. The contaminants of concern included vinyl chloride, freon 113, cis/trans-1,2-DCE, and trichloroethene . The sample analysis load was expected to be up to 25 samples per day.

ALF performed the sample extraction with a Teledyne Stratum sample concentrator utilizing a purge and trap technique. The EPA 5030 method was used as a guideline for this procedure. The process involved is done by purging a gas (UHP helium) through a known sample volume (10 ml – undiluted) at a constant flow rate and specific time. This process transfers the contaminants of concern (COC) from the liquid matrix (groundwater) onto the trap. The trap is then heated to 250C releasing the compounds from the trap into the GC/MS system. An electronic value inside

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## Analytical Laboratories of Florida, Inc.

the Stratum sample concentrator is electronically moved from the load position to the inject position to transfer the COCs to the GC/MS.

ALF's GC/MS system consists of a Stratum PTC hooked up to an Agilent 6890 (or Model 7890) Gas Chromatograph in series with an Agilent 5973 (or Model 5975C) MS detector. The COCs are separated by the gradual increase of temperature of GC oven from 45C to 200C and the column's internal coating. ALF's column of choice is a J&W DB-VRX 20 meter, 0.18mm ID, 1um df. This setup closely follows the requirements of EPA Method 8260D for identification and quantification.



The target compound list had a very wide range of project specific detection limit requirements between 1 and 100 ppb to meet the Florida GCTLs. The lab settled on a method detection level for all compounds of 1 ppb. This detection level allowed the compounds to be analyzed in the scan sensitivity mode only.

The compounds are identified by two ways: retention time and ion spectrum. Simply under repetitive flow rates and consistent oven variation of temperatures a compound will pass through a detector at the same time for unknown samples and known calibration standards. The time, after the start of a run, the compound passes through a detector to give a peak type response is known as the retention time. This is how any Gas Chromatograph with a detector identifies a compound. The MS detector has the additional power of compound ion spectrums which occur when the compounds are bombarded with electrons as they pass into the detector which causes the compounds to fragment. Each COC fragments differently from all other compounds thus this is an additional aid in identifying compounds. In the SIM mode, the detector looks for specific compound fragments which increase detector sensitivity.

The compounds are quantified by comparing area responses of unknown sample concentrations to known calibration standards. The greater the peak area response the greater the concentration of the COC present.

Dale Schamp was the designated Field Chemist for this project. Each day on the Field

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Activity Form (FAF), the sample analyst would document the sample field description, matrix, sample's date and collection time for each sample received. The FAF also recorded the date and time the sample was received by the mobile laboratory.

## Analytical Laboratories of Florida, Inc.

The FAF was also used to record the sample analysis time and volume utilized to perform the analysis. The GC/MS system is linear to 500 ppb for the COCs. Mr. Schamp may have utilized one or two SRI GC systems to determine the sample size which was required to run the sample on the GC/MS. This sample pre-screening process prevented the field chemist from doing multiple runs due to high COC concentrations in the groundwater sample which in turn allowed him to get the final data to the contractor quicker.



Quality Assurance (QA) is an important part of sample analysis. QA is utilized to aid in the measurement of the data quality generated. The FDEP and EPA methods require the mobile laboratory run: a calibration curve, laboratory duplicates, laboratory matrix spikes, daily instrument tune checks, daily method blanks, internal standards, surrogate standards and calibration check standards. Other than the initial calibration standards curves and tune checks, this information can be found in the Excel Data Summary Tables provided and/or the overall Project EDD table required by client.

Once the sample's analysis was completed, the chemist entered the data into an Excel Data Summary Table spreadsheet. ALF analyzed 28 sample(s) for matrix spike analysis to determine whether the samples themselves cause interferences with the data generation. Project requirements specify 5 % while ALF's frequency was 8.3 % (28/339). ALF analyzed 28 sample duplicate(s) to check analysis reproducibility. This is also required at a frequency of 5% while ALF did this at a rate of 8.3 % (28/339).

The following information is attached or included in the electronic deliverables:

1. TetraTech EDD Data Summary Tables which includes QC data
2. Field Activities Forms
3. A Copy of this Project Summary

The data generated has been reviewed and submitted under TetraTech's EDD format and the data has been reviewed by TetraTech personnel for errors. I can be reached at 321-258-1355, if you have any follow-up questions.

Sincerely,  
ANALYTICAL LABORATORIES OF FLORIDA, INC.

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Dale A Schamp-

Dale Schamp  
Chemist

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ANALYTICAL LABORATORIES OF FLORIDA

# FIELD ACTIVITIES FORM

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/6/20 Activities:**

0530 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 78 F. Albertsfilterstore C#LBSV040C Lot# 170511010

0532 Run method blank in (fn: 070620blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0549 Run 10ml H2O with 100ng spike (fn: 070620ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0557 Remove 10 ml GW sample W-274 from VOA vial W-274C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT811@25' / Lab ID: TT061720-W-274. 0607 Inject.

0615 Remove 10 ml GW sample W-275 from VOA vial W-275C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT811@34' / Lab ID: TT061720-W-275. 0625 Inject.

0633 Remove 10 ml GW sample W-275 from VOA vial W-275C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT811@34' / Lab ID: TT061720-W-275ms. 0643 Inject.

0650 Remove 10 ml GW sample W-275 from VOA vial W-275C-2 syringe. Add int/surr stds. Load onto PT-1. FN: LC34-DPT811@34' / Lab ID: TT061720-W-275r. 0700 Inject.

0707 Remove 10 ml GW sample W-276 from VOA vial W-276C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT811@38' / Lab ID: TT061720-W-276. 0717 Inject.

0725 Remove 10 ml GW sample W-276 from VOA vial W-276C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT811@38' / Lab ID: TT061720-W-276dup. 0735 Inject.

1008 Rec 2 GWs from Chuck Sorden. Temp = 62F. FN:LC34-DPT812@8'(0955)/Lab ID: TT061720-W277 ;DPT812@13'(1005)/W278

1013 Remove 10 ml GW sample W-277 from VOA vial W-277C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@8' / Lab ID: TT061720-W-277. 1023 Inject.

1032 Remove 3 ml GW sample W-278 from VOA vial W-278C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@13' / Lab ID: TT061720-W-278. 1042 Inject.

1040 Rec 2 GWs from Chuck Sorden. Temp = 59F. FN:LC34-DPT812@18'(1020)/Lab ID: TT061720-W279 ;DPT812@25'(1035)/W280

1059 Run 10ml H2O with 100ng spike (fn: 070620ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

1110 Rec 2 GWs from Chuck Sorden. Temp = 62F. FN:LC34-DPT812@34'(1050)/Lab ID: TT061720-W281 ;DPT812@38'(1105)/W282

1116 Run method blank in (fn: 070620blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

1122 Remove 3 ml GW sample W-279 from VOA vial W-279C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@18' / Lab ID: TT061720-W-279. 1132 Inject.

1138 Remove 3 ml GW sample W-279 from VOA vial W-279C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@18' / Lab ID: TT061720-W-279dup. 1148 Inject.

1153 Remove 10 ml GW sample W-280 from VOA vial W-280C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@25' / Lab ID: TT061720-W-280. 1203 Inject.

1200 Rec 2 GWs from Chuck Sorden. Temp = 60F. FN:LC34-DPT813@8'(1145)/Lab ID: TT061720-W283 ;DPT813@13'(1155)/W284

1208 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT813@18'(1205)/Lab ID: TT061720-W285

1208 Remove 10 ml GW sample W-281 from VOA vial W-281C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@34' / Lab ID: TT061720-W-281. 1218 Inject.

1226 Remove 10 ml GW sample W-282 from VOA vial W-282C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT812@38' / Lab ID: TT061720-W-282. 1236 Inject.

1243 Remove 10 ml GW sample W-281 from VOA vial W-281C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT812@34' / Lab ID: TT061720-W-281ms. 1253 Inject.

1250 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT813@25'(1245)/Lab ID: TT061720-W286

1259 Remove 10 ml GW sample W-283 from VOA vial W-283C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT813@8' / Lab ID: TT061720-W-283. 1309 Inject.

1315 Remove 3 ml GW sample W-284 from VOA vial W-284C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT813@13' / Lab ID: TT061720-W-284. 1325 Inject.

1325 Rec 2 GWs from Chuck Sorden. Temp = 56F. FN:LC34-DPT813@34'(1300)/Lab ID: TT061720-W287 ;DPT813@36'(1320)/W288

1331 Remove 3 ml GW sample W-285 from VOA vial W-285C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT813@18' / Lab ID: TT061720-W-285. 1341 Inject.

1348 Remove 1 ml GW sample W-286 from VOA vial W-286C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT813@25' / Lab ID: TT061720-W-286. 1358 Inject.

1404 Remove 3 ml GW sample W-287 from VOA vial W-287C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT813@34' / Lab ID: TT061720-W-287. 1414 Inject.

1421 Remove 10 ml GW sample W-288 from VOA vial W-288C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT813@38' / Lab ID: TT061720-W-288. 1431 Inject.

1533 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT814@8'(1530)/Lab ID: TT061720-W289

1534 Remove 10 ml GW sample W-289 from VOA vial W-289C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@8' / Lab ID: TT061720-W-289. 1544 Inject.

1545 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT814@13'(1540)/Lab ID: TT061720-W290

1555 Remove 3 ml GW sample W-290 from VOA vial W-290C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@13' / Lab ID: TT061720-W-290. 1605 Inject.

1555 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT814@18'(1550)/Lab ID: TT061720-W291

1611 Remove 10 ml GW sample W-291 from VOA vial W-291C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@18' / Lab ID: TT061720-W-291. 1621 Inject.

1612 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT814@25'(1610)/Lab ID: TT061720-W292

1629 Remove 10 ml GW sample W-292 from VOA vial W-292C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@25' / Lab ID: TT061720-W-292. 1639 Inject.

1630 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT814@34'(1625)/Lab ID: TT061720-W293

1645 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT814@38'(1640)/Lab ID: TT061720-W294

**07/7/20 Activities:**

0550 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 79 F. Albertsfilterstore C#LBSV040C Lot# 170511010

0551 Run method blank in (fn: 070720blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0609 Run 10ml H2O with 100ng spike (fn: 070720ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0616 Remove 10 ml GW sample W-293 from VOA vial W-293C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@34' / Lab ID: TT061720-W-293. 0626 Inject.

0647 Remove 10 ml GW sample W-293 from VOA vial W-293C-2. Add 100NG.int/surr stds. Load onto PT-1. FN: LC34-DPT814@34' / Lab ID: TT061720-W-293MS. 0657 Inject.

0705 Remove 10 ml GW sample W-294 from VOA vial W-294C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@38' / Lab ID: TT061720-W-294. 0715 Inject.

0722 Remove 10 ml GW sample W-294 from VOA vial W-294C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT814@38' / Lab ID: TT061720-W-294DUP. 0732 Inject.

1015 Rec 11 GWs from Chuck Sorden. Temp = 61F. FN:LC34-DPT815@8'(0740)/Lab ID: TT061720-W295 ;DPT815@13'(0750)/W296 ; @ 18'(0800)/W297

1015 Rec 11 GWs from Chuck Sorden. FN:LC34-DPT815@25'(0815)/Lab ID: TT061720-W298 ;DPT815@34'(0830)/W299 ; @ 38'(0845)/W300

1015 Rec 11 GWs from Chuck Sorden. FN:LC34-DPT816@8'(0920)/Lab ID: TT061720-W301 ;DPT816@13'(0930)/W302 ; @ 18'(0940)/W303

1015 Rec 11 GWs from Chuck Sorden. FN:LC34-DPT816@25'(0955)/Lab ID: TT061720-W304 ;DPT816@34'(1010)/W305

Sampler / Company On-site: Chuck Sorden - Tetrattech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/6-7/2020 Page 1 of 12

Signature: \_\_\_\_\_

*Dale A Sharp*

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA

# FIELD ACTIVITIES FORM

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

07/7/20 Activities:

|      |                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1015 | Rec 11 GWs from Chuck Sorden. FN:LC34-DPT816@25'(0955)/Lab ID: TT061720-W304 ;DPT816@34'(1010)/W305                                                        |
| 1015 | Remove 10 ml GW sample W-295 from VOA vial W-295C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT815@8' / Lab ID: TT061720-W-295. 1025 Inject.          |
| 1029 | Remove 10 ml GW sample W-296 from VOA vial W-296C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT815@13' / Lab ID: TT061720-W-296. 1039 Inject.         |
| 1045 | Remove 0.5 ml GW sample W-297 from VOA vial W-297C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT815@18' / Lab ID: TT061720-W-297. 1055 Inject.        |
| 1101 | Remove 0.5 ml GW sample W-298 from VOA vial W-298C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT815@25' / Lab ID: TT061720-W-298. 1111 Inject.        |
| 1117 | Remove 10 ml GW sample W-299 from VOA vial W-299C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT815@34' / Lab ID: TT061720-W-299. 1127 Inject.         |
| 1143 | Run 10ml H2O with 100ng spike (fn: 070720ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.   |
| 1200 | Run method blank in (fn: 070720blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.                     |
| 1206 | Remove 10 ml GW sample W-300 from VOA vial W-300C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT815@38' / Lab ID: TT061720-W-300. 1216 Inject.         |
| 1225 | Remove 10 ml GW sample W-300 from VOA vial W-300C-2. Add 100NG,int/surr stds. Load onto PT-1. FN: LC34-DPT815@38' / Lab ID: TT061720-W-300MS. 1235 Inject. |
| 1226 | Rec 7 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT816@38'(1025)/Lab ID: TT061720-W306 ;DPT817@8'(1100)/W307 ; @13'(1115)/W308 ; @18'(1130)/W309          |
| 1226 | Rec 7 GWs from Chuck Sorden. FN:LC34-DPT817@25'(1145)/Lab ID: TT061720-W310 ;DPT817@34'(1200)/W311 ; @38'(1215)/W312                                       |
| 1241 | Remove 3 ml GW sample W-301 from VOA vial W-301C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT816@8' / Lab ID: TT061720-W-301. 1251 Inject.           |
| 1257 | Remove 1 ml GW sample W-302 from VOA vial W-302C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT816@13' / Lab ID: TT061720-W-302. 1307 Inject.          |
| 1305 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT818@8'(1300)/Lab ID: TT061720-W313                                                                                 |
| 1313 | Remove 0.5 ml GW sample W-303 from VOA vial W-303C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT816@18' / Lab ID: TT061720-W-303. 1323 Inject.        |
| 1315 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT818@13'(1310)/Lab ID: TT061720-W314                                                                                |
| 1325 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT818@18'(1320)/Lab ID: TT061720-W315                                                                                |
| 1330 | Remove 1 ml GW sample W-304 from VOA vial W-304C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT816@25' / Lab ID: TT061720-W-304. 1340 Inject.          |
| 1340 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT818@25'(1335)/Lab ID: TT061720-W316                                                                                |
| 1345 | Remove 10 ml GW sample W-305 from VOA vial W-305C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT816@34' / Lab ID: TT061720-W-305. 1355 Inject.         |
| 1355 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT818@34'(1350)/Lab ID: TT061720-W317                                                                                |
| 1401 | Remove 10 ml GW sample W-306 from VOA vial W-306C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT816@38' / Lab ID: TT061720-W-306. 1411 Inject.         |
| 1410 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT818@38'(1405)/Lab ID: TT061720-W318                                                                                |
| 1417 | Remove 10 ml GW sample W-307 from VOA vial W-307C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@8' / Lab ID: TT061720-W-307. 1427 Inject.          |
| 1434 | Remove 10 ml GW sample W-308 from VOA vial W-308C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@13' / Lab ID: TT061720-W-308. 1444 Inject.         |
| 1445 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT819@8'(1440)/Lab ID: TT061720-W319                                                                                 |
| 1449 | Remove 1 ml GW sample W-309 from VOA vial W-309C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@18' / Lab ID: TT061720-W-309. 1459 Inject.          |
| 1455 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT819@13'(1450)/Lab ID: TT061720-W320                                                                                |
| 1504 | Remove 0.25 ml GW sample W-310 from VOA vial W-310C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@25' / Lab ID: TT061720-W-310. 1514 Inject.       |
| 1505 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT819@18'(1500)/Lab ID: TT061720-W321                                                                                |
| 1519 | Remove 2 ml GW sample W-311 from VOA vial W-311C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@34' / Lab ID: TT061720-W-311. 1529 Inject.          |
| 1520 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT819@25'(1515)/Lab ID: TT061720-W322                                                                                |
| 1534 | Remove 2 ml GW sample W-311 from VOA vial W-311C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@34' / Lab ID: TT061720-W-311dup. 1544 Inject.       |
| 1535 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT819@34'(1530)/Lab ID: TT061720-W323                                                                                |
| 1550 | Rec 1 GWs from Chuck Sorden. FN:LC34-DPT819@38'(1545)/Lab ID: TT061720-W324                                                                                |
| 1550 | Remove 10 ml GW sample W-312 from VOA vial W-312C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT817@38' / Lab ID: TT061720-W-312. 1600 Inject.         |
| 1606 | Remove 10 ml GW sample W-313 from VOA vial W-313C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@8' / Lab ID: TT061720-W-313. 1616 Inject.          |
| 1621 | Remove 5 ml GW sample W-314 from VOA vial W-314C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@13' / Lab ID: TT061720-W-314. 1631 Inject.          |
| 1636 | Remove 0.5 ml GW sample W-315 from VOA vial W-315C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@18' / Lab ID: TT061720-W-315. 1646 Inject.        |
| 1652 | Remove 0.25 ml GW sample W-316 from VOA vial W-316C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@25' / Lab ID: TT061720-W-316. 1702 Inject.       |
| 1707 | Remove 1 ml GW sample W-317 from VOA vial W-317C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@34' / Lab ID: TT061720-W-317. 1717 Inject.          |

07/8/20 Activities:

|      |                                                                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0533 | Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 77 F. Albertsfilterstore C#LBSV040C Lot# 170511010                           |
| 0535 | Run method blank in (fn: 070820blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.                    |
| 0553 | Run 10ml H2O with 100ng spike (fn: 070820ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  |
| 0600 | Remove 5 ml GW sample W-318 from VOA vial W-318C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@38' / Lab ID: TT061720-W-318. 0610 Inject.         |
| 0618 | Remove 10 ml GW sample W-318 from VOA vial W-318C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT818@38' / Lab ID: TT061720-W-318DUP. 0628 Inject.     |
| 0635 | Remove 10 ml GW sample W-319 from VOA vial W-319C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@8' / Lab ID: TT061720-W-319. 0645 Inject.         |
| 0654 | Remove 10 ml GW sample W-319 from VOA vial W-319C-2. Add 100NG,int/surr stds. Load onto PT-1. FN: LC34-DPT819@8' / Lab ID: TT061720-W-319MS. 0704 Inject. |
| 0713 | Remove 10 ml GW sample W-320 from VOA vial W-320C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@13' / Lab ID: TT061720-W-320. 0723 Inject.        |
| 0731 | Remove 1 ml GW sample W-321 from VOA vial W-321C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@18' / Lab ID: TT061720-W-321. 0741 Inject.         |
| 0749 | Remove 0.1 ml GW sample W-322 from VOA vial W-322C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@25' / Lab ID: TT061720-W-322. 0759 Inject.       |
| 0817 | Run 10ml H2O with 100ng spike (fn: 070820ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  |

Sampler / Company On-site: Chuck Sorden - Tetrattech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/7-8/2020

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Signature: \_\_\_\_\_

*Dale A Sharp*

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA

# FIELD ACTIVITIES FORM

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

07/8/20 Activities:

0834 Run method blank in (fn: 070820blik2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0842 Remove 1 ml GW sample W-323 from VOA vial W-323C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@34' / Lab ID: TT061720-W-323. 0852 Inject.

0900 Remove 1 ml GW sample W-323 from VOA vial W-323C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@34' / Lab ID: TT061720-W-323DUP. 0910 Inject.

0920 Remove 10 ml GW sample W-324 from VOA vial W-324C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT819@38' / Lab ID: TT061720-W-324. 0930 Inject.

0938 Remove 10 ml GW sample W-324 from VOA vial W-324C-2. Add 100NG,int/surr stds. Load onto PT-1. FN: LC34-DPT819@38' / Lab ID: TT061720-W-324MS. 0948 Inject.

1045 Rec 12 GWs from Chuck Sorden. FN:LC34-DPT820@8'(0750)/Lab ID: TT061720-W325 ;DPT820@13'(0800)/W326 ; @18'(0810)/W327

1045 Rec 12 GWs from Chuck Sorden. FN:LC34-DPT820@25'(0825)/Lab ID: TT061720-W328 ;DPT820@34'(0840)/W329 ; @38'(0855)/W330

1045 Rec 12 GWs from Chuck Sorden. FN:LC34-DPT821@8'(0925)/Lab ID: TT061720-W331 ;DPT821@13'(0935)/W332 ; @18'(0945)/W333

1045 Rec 12 GWs from Chuck Sorden. FN:LC34-DPT821@25'(1000)/Lab ID: TT061720-W334 ;DPT821@34'(1015)/W335 ; @38'(1030)/W336

1101 Remove 10 ml GW sample W-325 from VOA vial W-325C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT820@8' / Lab ID: TT061720-W-325. 1111 Inject.

1117 Remove 10 ml GW sample W-326 from VOA vial W-326C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT820@13' / Lab ID: TT061720-W-326. 1127 Inject.

1133 Remove 0.5 ml GW sample W-327 from VOA vial W-327C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT820@18' / Lab ID: TT061720-W-327. 1143 Inject.

1149 Remove 2 ml GW sample W-328 from VOA vial W-328C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT820@25' / Lab ID: TT061720-W-328. 1159 Inject.

1205 Remove 10 ml GW sample W-329 from VOA vial W-329C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT820@34' / Lab ID: TT061720-W-329. 1215 Inject.

1210 Rec 2 GWs from Chuck Sorden. Temp=53F. FN:LC34-DPT822@8'(1150)/Lab ID: TT061720-W337 ;DPT822@13'(1200)/W338

1221 Remove 10 ml GW sample W-330 from VOA vial W-330C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT820@38' / Lab ID: TT061720-W-330. 1231 Inject.

1237 Remove 10 ml GW sample W-331 from VOA vial W-331C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT821@8' / Lab ID: TT061720-W-331. 1247 Inject.

1255 Rec 3 GWs from Chuck Sorden. Temp=52F. FN:LC34-DPT822@18'(1220)/Lab ID: TT061720-W339 ;DPT822@25'(1235)/W340 ; @34'(1250)/W341

1253 Remove 2 ml GW sample W-332 from VOA vial W-332C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT821@13' / Lab ID: TT061720-W-332. 1303 Inject.

1308 Remove 0.5 ml GW sample W-333 from VOA vial W-333C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT821@18' / Lab ID: TT061720-W-333. 1318 Inject.

1324 Remove 1 ml GW sample W-334 from VOA vial W-334C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT821@25' / Lab ID: TT061720-W-334. 1334 Inject.

1341 Remove 10 ml GW sample W-335 from VOA vial W-335C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT821@34' / Lab ID: TT061720-W-335. 1351 Inject.

1358 Remove 10 ml GW sample W-336 from VOA vial W-336C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT821@38' / Lab ID: TT061720-W-336. 1408 Inject.

1414 Remove 10 ml GW sample W-337 from VOA vial W-337C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT822@8' / Lab ID: TT061720-W-337. 1424 Inject.

1429 Remove 2 ml GW sample W-338 from VOA vial W-338C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT822@13' / Lab ID: TT061720-W-338. 1439 Inject.

1444 Remove 0.5 ml GW sample W-339 from VOA vial W-339C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT822@18' / Lab ID: TT061720-W-339. 1454 Inject.

1500 Remove 1 ml GW sample W-340 from VOA vial W-340C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT822@25' / Lab ID: TT061720-W-340. 1510 Inject.

1517 Remove 10 ml GW sample W-341 from VOA vial W-341C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT822@34' / Lab ID: TT061720-W-341. 1527 Inject.

1540 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT822@38'(1535)/Lab ID: TT061720-W342

1540 Remove 10 ml GW sample W-342 from VOA vial W-342C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT822@38' / Lab ID: TT061720-W-342 1550 Inject.

1625 Rec 2 GWs from Chuck Sorden. Temp 58F. FN:LC34-DPT823@8'(1610)/Lab ID: TT061720-W343 ; @13' (1620)/W344

07/9/20 Activities:

0519 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 78 F. Albertsfilterstore C#LBSV040C Lot# 170511010

0521 Run method blank in (fn: 070920blik1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0539 Run 10ml H2O with 100ng spike (fn: 070920ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0546 Remove 10 ml GW sample W-343 from VOA vial W-343C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@8' / Lab ID: TT061720-W-343 0556 Inject.

0604 Remove 10 ml GW sample W-343 from VOA vial W-343C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: LC34-DPT823@8' / Lab ID: TT061720-W-343MS. 0614 Inject.

0621 Remove 10 ml GW sample W-344 from VOA vial W-344C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@13' / Lab ID: TT061720-W-344 0631 Inject.

0639 Remove 10 ml GW sample W-344 from VOA vial W-344C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@13' / Lab ID: TT061720-W-344dup. 0649 Inject.

0815 Rec 9 GWs from Chuck Sorden. FN:LC34-DPT823@18'(1630 7/8)/Lab ID: TT061720-W345 ; @25' (1645)/W346 ; @34'(1700)/W347 ; @38'(1715)/W348

0815 Rec 9 GWs from Chuck Sorden. FN:LC34-DPT824@8'(0715)/Lab ID: TT061720-W349 ; @13' (0725)/W350 ; @18'(0735)/W351 ; @25'(0750)/W352

0815 Rec 9 GWs from Chuck Sorden. FN:LC34-DPT824@34'(0805)/Lab ID: TT061720-W353

0817 Remove 1 ml GW sample W-345 from VOA vial W-345C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@18' / Lab ID: TT061720-W-345 0827 Inject.

0825 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT824@38'(0820)/Lab ID: TT061720-W354

0833 Remove 0.25 ml GW sample W-346 from VOA vial W-346C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@25' / Lab ID: TT061720-W-346 0843 Inject.

0849 Remove 0.5 ml GW sample W-347 from VOA vial W-347C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@34' / Lab ID: TT061720-W-347. 0859 Inject.

0906 Remove 5 ml GW sample W-348 from VOA vial W-348C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT823@38' / Lab ID: TT061720-W-348. 0916 Inject.

0933 Run 10ml H2O with 100ng spike (fn: 070920ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0950 Run method blank in (fn: 070920blik2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0956 Remove 10 ml GW sample W-349 from VOA vial W-349C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT824@8' / Lab ID: TT061720-W-349. 1006 Inject.

1015 Rec 6 GWs from Chuck Sorden. Temp 54F. FN:LC34-DPT825@8'(0850)/Lab ID: TT061720-W355 ; @13' (0900)/W356 ; @18'(0915)/W357

1015 Rec 6 GWs from Chuck Sorden. FN:LC34-DPT825@25'(0930)/Lab ID: TT061720-W358 ; @34' (0945)/W359 ; @38'(1000)/W360

1028 Remove 10 ml GW sample W-350 from VOA vial W-350C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT824@13' / Lab ID: TT061720-W-350. 1038 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/8-9/2020

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Signature: Dale S. Sorden

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

07/9/20 Activities:

1043 Remove 0.5 ml GW sample W-351 from VOA vial W-351C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT824@18' / Lab ID: TT061720-W-351. 1053 Inject.  
1058 Remove 1 ml GW sample W-352 from VOA vial W-352C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT824@25' / Lab ID: TT061720-W-352. 1108 Inject.  
1114 Remove 10 ml GW sample W-353 from VOA vial W-353C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT824@34' / Lab ID: TT061720-W-353. 1124 Inject.  
1130 Remove 10 ml GW sample W-353 from VOA vial W-353C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT824@34' / Lab ID: TT061720-W-353MS. 1140 Inject.  
1147 Remove 10 ml GW sample W-354 from VOA vial W-354C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT824@38' / Lab ID: TT061720-W-354. 1157 Inject.  
1155 Rec 6 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT826@8'(1040)/Lab ID: TT061720-W361 ;DPT826@13'(1050)/W362 ; @18'(1100)/W363  
1155 Rec 6 GWs from Chuck Sorden. FN:LC34-DPT826@25'(1115)/Lab ID: TT061720-W364 ;DPT826@34'(1130)/W365 ; @38'(1145)/W366  
1205 Remove 10 ml GW sample W-355 from VOA vial W-355C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@8' / Lab ID: TT061720-W-355. 1215 Inject.  
1221 Remove 10 ml GW sample W-356 from VOA vial W-356C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@13' / Lab ID: TT061720-W-356. 1231 Inject.  
1237 Remove 0.5 ml GW sample W-357 from VOA vial W-357C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@18' / Lab ID: TT061720-W-357. 1247 Inject.  
1252 Remove 0.5 ml GW sample W-357 from VOA vial W-357C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@18' / Lab ID: TT061720-W-357DUP. 1302 Inject.  
1307 Remove 10 ml GW sample W-358 from VOA vial W-358C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@25' / Lab ID: TT061720-W-358. 1317 Inject.  
1223 Remove 3 ml GW sample W-359 from VOA vial W-359C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@34' / Lab ID: TT061720-W-359. 1333 Inject.  
1335 Rec 6 GWs from Chuck Sorden. Temp = 60F. FN:LC34-DPT827@8'(1220)/Lab ID: TT061720-W367 ;DPT827@13'(1230)/W368 ; @18'(1245)/W369  
1335 Rec 6 GWs from Chuck Sorden. FN:LC34-DPT827@25'(1300)/Lab ID: TT061720-W370 ;DPT827@34'(1315)/W371 ; @38'(1330)/W372  
1339 Remove 0.5 ml GW sample W-358 from VOA vial W-358C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@25' / Lab ID: TT061720-W-358R. 1349 Inject.  
1354 Remove 10 ml GW sample W-360 from VOA vial W-360C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT825@38' / Lab ID: TT061720-W-360. 1404 Inject.  
1410 Remove 10 ml GW sample W-361 from VOA vial W-361C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT826@8' / Lab ID: TT061720-W-361. 1420 Inject.  
1425 Rec 2 GWs from Chuck Sorden. Temp = 60F. FN:LC34-DPT828@8'(1410)/Lab ID: TT061720-W373 ;DPT828@13'(1420)/W374  
1426 Remove 10 ml GW sample W-362 from VOA vial W-362C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT826@13' / Lab ID: TT061720-W-362. 1436 Inject.  
1443 Remove 0.25 ml GW sample W-363 from VOA vial W-363C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT826@18' / Lab ID: TT061720-W-363. 1453 Inject.  
1455 Rec 2 GWs from Chuck Sorden. Temp = 56F. FN:LC34-DPT828@18'(1435)/Lab ID: TT061720-W375 ;DPT828@25'(1450)/W376  
1457 Remove 0.25 ml GW sample W-364 from VOA vial W-364C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT826@25' / Lab ID: TT061720-W-364. 1507 Inject.  
1513 Remove 10 ml GW sample W-365 from VOA vial W-365C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT826@34' / Lab ID: TT061720-W-365. 1523 Inject.  
1525 Rec 2 GWs from Chuck Sorden. Temp = 58F. FN:LC34-DPT828@34'(1505)/Lab ID: TT061720-W377 ;DPT828@38'(1520)/W378  
1528 Remove 10 ml GW sample W-366 from VOA vial W-366C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT826@38' / Lab ID: TT061720-W-366. 1538 Inject.  
1543 Remove 10 ml GW sample W-367 from VOA vial W-367C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@8' / Lab ID: TT061720-W-367. 1553 Inject.

07/10/20 Activities:

0526 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 77 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0531 Run method blank in (fn: 071020blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0548 Run 10ml H2O with 100ng spike (fn: 071020ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0556 Remove 10 ml GW sample W-368 from VOA vial W-368C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@13' / Lab ID: TT061720-W-368. 0606 Inject.  
0613 Remove 0.5 ml GW sample W-369 from VOA vial W-369C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@18' / Lab ID: TT061720-W-369. 0623 Inject.  
0630 Remove 0.5 ml GW sample W-369 from VOA vial W-369C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@18' / Lab ID: TT061720-W-369dup. 0640 Inject.  
0646 Remove 0.1 ml GW sample W-370 from VOA vial W-370C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@25' / Lab ID: TT061720-W-370. 0656 Inject.  
0703 Remove 5 ml GW sample W-371 from VOA vial W-371C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@34' / Lab ID: TT061720-W-371. 0713 Inject.  
0721 Remove 10 ml GW sample W-372 from VOA vial W-372C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT827@38' / Lab ID: TT061720-W-372. 0731 Inject.  
0738 Remove 10 ml GW sample W-372 from VOA vial W-372C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT827@38' / Lab ID: TT061720-W-372ms. 0748 Inject.  
0804 Run method blank in (fn: 071020blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0834 Run 10ml H2O with 100ng spike (fn: 071020ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0840 Remove 10 ml GW sample W-373 from VOA vial W-373C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@8' / Lab ID: TT061720-W-373. 0850 Inject.  
0904 Remove 10 ml GW sample W-373 from VOA vial W-373C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT828@8' / Lab ID: TT061720-W-373ms. 0914 Inject.  
0925 Remove 2 ml GW sample W-374 from VOA vial W-374C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@13' / Lab ID: TT061720-W-374. 0935 Inject.  
0945 Remove 0.1 ml GW sample W-375 from VOA vial W-375C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@18' / Lab ID: TT061720-W-375. 0955 Inject.  
1001 Remove 0.1 ml GW sample W-375 from VOA vial W-375C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@18' / Lab ID: TT061720-W-375dup. 1011 Inject.  
1026 Remove 0.05 ml GW sample W-376 from VOA vial W-376C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@25' / Lab ID: TT061720-W-376. 1036 Inject.  
1103 Remove 3 ml GW sample W-377 from VOA vial W-377C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@34' / Lab ID: TT061720-W-377. 1113 Inject.  
1152 Remove 10 ml GW sample W-378 from VOA vial W-378C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT828@38' / Lab ID: TT061720-W-378. 1202 Inject.  
1320 Rec 18 GWs from Chuck Sorden. Temp 54F. FN:LC34-DPT829@8'(0715)/Lab ID: TT061720-W379 ; @13' (0725)/W380 ; @18'(0740)/W381  
1320 Rec 18 GWs from Chuck Sorden. FN:LC34-DPT829@25'(0755)/Lab ID: TT061720-W382 ; @34' (0810)/W383 ; @38'(0825)/W384  
1320 Rec 18 GWs from Chuck Sorden. FN:LC34-DPT830@8'(0855)/Lab ID: TT061720-W385 ; @13' (0905)/W386 ; @18'(0920)/W387  
1320 Rec 18 GWs from Chuck Sorden. FN:LC34-DPT830@25'(0935)/Lab ID: TT061720-W388 ; @34' (0950)/W389 ; @38'(1005)/W390  
1320 Rec 18 GWs from Chuck Sorden. FN:LC34-DPT831@8'(1040)/Lab ID: TT061720-W391 ; @13' (1050)/W392 ; @18'(1105)/W393

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/9-10/2020

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Signature: Dale S. Sorden

Important phone calls / Changes:



ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

07/10/20 Activities:

1320 Rec 18 GWs from Chuck Sorden. FN:LC34-DPT831@25'(1120)/Lab ID: TT061720-W394 ; @34' (1135)/W395 ; @38'(1150)/W396  
1403 Remove 10 ml GW sample W-379 from VOA vial W-379C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT829@8' / Lab ID: TT061720-W-379. 1413 Inject.  
1421 Remove 10 ml GW sample W-380 from VOA vial W-380C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT829@13' / Lab ID: TT061720-W-380. 1431 Inject.  
1438 Remove 3 ml GW sample W-381 from VOA vial W-381C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT829@18' / Lab ID: TT061720-W-381. 1448 Inject.  
1459 Remove 0.25 ml GW sample W-382 from VOA vial W-382C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT829@25' / Lab ID: TT061720-W-382. 1509 Inject.  
1515 Remove 0.5 ml GW sample W-383 from VOA vial W-383C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT829@34' / Lab ID: TT061720-W-383. 1525 Inject.  
1530 Remove 3 ml GW sample W-384 from VOA vial W-384C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT829@38' / Lab ID: TT061720-W-384. 1540 Inject.  
1547 Remove 10 ml GW sample W-385 from VOA vial W-385C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT830@8' / Lab ID: TT061720-W-385. 1557 Inject.  
1613 Remove 10 ml GW sample W-386 from VOA vial W-386C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT830@13' / Lab ID: TT061720-W-386. 1623 Inject.  
1633 Remove 0.5 ml GW sample W-387 from VOA vial W-387C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT830@18' / Lab ID: TT061720-W-387. 1643 Inject.  
1653 Remove 0.25 ml GW sample W-388 from VOA vial W-388C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT830@25' / Lab ID: TT061720-W-388. 1703 Inject.  
1711 Remove 10 ml GW sample W-389 from VOA vial W-389C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT830@34' / Lab ID: TT061720-W-389. 1721 Inject.  
1731 Remove 10 ml GW sample W-390 from VOA vial W-390C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT830@38' / Lab ID: TT061720-W-390. 1741 Inject.  
1750 Remove 10 ml GW sample W-391 from VOA vial W-391C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@8' / Lab ID: TT061720-W-391. 1800 Inject.  
1809 Remove 10 ml GW sample W-392 from VOA vial W-392C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@13' / Lab ID: TT061720-W-392. 1819 Inject.

07/13/20 Activities:

0620 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 78 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0623 Run method blank in (fn: 071320blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0640 Run 10ml H2O with 100ng spike (fn: 071320ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0652 Remove 10 ml GW sample W-393 from VOA vial W-393C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@18' / Lab ID: TT061720-W-393. 0702 Inject.  
0709 Remove 1 ml GW sample W-393 from VOA vial W-393C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@18' / Lab ID: TT061720-W-393dup. 0719 Inject.  
0726 Remove 0.5 ml GW sample W-394 from VOA vial W-394C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@25' / Lab ID: TT061720-W-394. 0736 Inject.  
0744 Remove 10 ml GW sample W-395 from VOA vial W-395C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@34' / Lab ID: TT061720-W-395. 0754 Inject.  
0801 Remove 0.25 ml GW sample W-396 from VOA vial W-396C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT831@38' / Lab ID: TT061720-W-396. 0811 Inject.  
0829 Remove 10 ml GW sample W-396 from VOA vial W-396C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT831@38' / Lab ID: TT061720-W-396ms. 0839 Inject.  
1010 Rec 4 GWs from Chuck Sorden. Temp 56F. FN:LC34-DPT832@8'(0915)/Lab ID: TT061720-W397 ; @13' (0930)/W398 ; @18'(0950)/W399  
1010 Rec 4 GWs from Chuck Sorden. FN:LC34-DPT832@25'(1005)/Lab ID: TT061720-W400 ; @34' (1020)/W401  
1014 Remove 10 ml GW sample W-397 from VOA vial W-397C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@8' / Lab ID: TT061720-W-397. 1024 Inject.  
1031 Remove 10 ml GW sample W-398 from VOA vial W-398C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@13' / Lab ID: TT061720-W-398. 1041 Inject.  
1040 Rec 2 GWs from Chuck Sorden. Temp = 61F. FN:LC34-DPT832@34'(1020)/Lab ID: TT061720-W401 ; @38' (1035)/W402  
1047 Remove 1 ml GW sample W-399 from VOA vial W-399C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@18' / Lab ID: TT061720-W-399. 1057 Inject.  
1104 Remove 0.25 ml GW sample W-400 from VOA vial W-400C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@25' / Lab ID: TT061720-W-400. 1114 Inject.  
1131 Run 10ml H2O with 100ng spike (fn: 071320ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
1148 Run method blank in (fn: 071320blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
1154 Remove 3 ml GW sample W-401 from VOA vial W-401C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@34' / Lab ID: TT061720-W-401. 1204 Inject.  
1205 Rec 5 GWs from Chuck Sorden. Temp = 58F. FN:LC34-DPT833@8'(1110)/Lab ID: TT061720-W403 ; @13' (1120)/W404 ; @ 18'(1130)/W405 ; @25'(1145)/W406 ;  
1205 Rec 5 GWs from Chuck Sorden. FN:LC34-DPT833@34'(1200)/Lab ID: TT061720-W407  
1211 Remove 1 ml GW sample W-401 from VOA vial W-401C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@34' / Lab ID: TT061720-W-401dup. 1221 Inject.  
1226 Remove 10 ml GW sample W-402 from VOA vial W-402C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT832@38' / Lab ID: TT061720-W-402. 1236 Inject.  
1242 Remove 10 ml GW sample W-402 from VOA vial W-402C-2. Add 100ng.int/surr stds. Load onto PT-1. FN: LC34-DPT832@38' / Lab ID: TT061720-W-402MS. 1252 Inject.  
1245 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT833@38'(1240)/Lab ID: TT061720-W408  
1258 Remove 10 ml GW sample W-403 from VOA vial W-403C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT833@8' / Lab ID: TT061720-W-403. 1308 Inject.  
1315 Remove 1 ml GW sample W-404 from VOA vial W-404C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT833@13' / Lab ID: TT061720-W-404. 1325 Inject.  
1331 Remove 0.5 ml GW sample W-405 from VOA vial W-405C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT833@18' / Lab ID: TT061720-W-405. 1341 Inject.  
1347 Remove 3 ml GW sample W-406 from VOA vial W-406C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT833@25' / Lab ID: TT061720-W-406. 1357 Inject.  
1404 Remove 10 ml GW sample W-407 from VOA vial W-407C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT833@34' / Lab ID: TT061720-W-407. 1414 Inject.  
1410 Rec 3 GWs from Chuck Sorden. Temp = 62F. FN:LC34-DPT712@8'(1345)/Lab ID: TT061720-W409 ; @13' (1355)/W410 ; @ 18'(1405)/W411  
1421 Remove 10 ml GW sample W-408 from VOA vial W-408C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT833@38' / Lab ID: TT061720-W-408. 1431 Inject.  
1436 Remove 10 ml GW sample W-409 from VOA vial W-409C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@8' / Lab ID: TT061720-W-409. 1446 Inject.  
1454 Remove 10 ml GW sample W-410 from VOA vial W-410C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@13' / Lab ID: TT061720-W-410. 1504 Inject.  
1511 Remove 10 ml GW sample W-411 from VOA vial W-411C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@18' / Lab ID: TT061720-W-411. 1521 Inject.  
1535 Rec 3 GWs from Chuck Sorden. Temp = 61F. FN:LC34-DPT712@25'(1435)/Lab ID: TT061720-W412 ; @34' (1455)/W413 ; @ 38'(1530)/W414  
1541 Remove 1 ml GW sample W-412 from VOA vial W-412C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@25' / Lab ID: TT061720-W-412. 1551 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/10,13/2020 Page 5 of 12

Signature: Dale A. Sorden

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/13/20 Activities:**

1557 Remove 0.25 ml GW sample W-413 from VOA vial W-413C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@34' / Lab ID: TT061720-W-413. 1607 Inject.

**07/14/20 Activities:**

0827 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 81 F. Albertsfilterstore C#LBSV040C Lot# 170511010

0832 Run method blank in (fn: 071420blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0849 Run 10ml H2O with 100ng spike (fn: 071420ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0858 Remove 10 ml GW sample W-414 from VOA vial W-414C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@38' / Lab ID: TT061720-W-414. 0908 Inject.

0914 Remove 3 ml GW sample W-414 from VOA vial W-414C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT712@38' / Lab ID: TT061720-W-414DUP. 0924 Inject.

0931 Remove 3 ml GW sample W-414 from VOA vial W-414C-2 syringe. Add 1000ng,int/surr stds. Load onto PT-1. FN: LC34-DPT712@38' / Lab ID: TT061720-W-414MS. 0941 Inject.

1000 Standby for samples , drill rig broke.

**07/15/20 Activities:**

0806 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 80 F. Albertsfilterstore C#LBSV040C Lot# 170511010

0809 Rec 2 GWs from Chuck Sorden. Temp 62F. FN:LC34-DPT834@8'(0745)/Lab ID: TT061720-W415 ; @13' (0755)/W416

0810 Run method blank in (fn: 071520blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0827 Run 10ml H2O with 100ng spike (fn: 071520ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0834 Remove 10 ml GW sample W-415 from VOA vial W-415C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@8' / Lab ID: TT061720-W-415. 0844 Inject.

0845 Rec 3 GWs from Chuck Sorden. Temp 58F. FN:LC34-DPT834@18'(0810)/Lab ID: TT061720-W417 ; @25' (0825)/W418 ; @34'(0840)/W419

0850 Remove 10 ml GW sample W-415 from VOA vial W-415C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@8' / Lab ID: TT061720-W-415DUP. 0900 Inject.

0906 Remove 2 ml GW sample W-416 from VOA vial W-416C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@13' / Lab ID: TT061720-W-416. 0916 Inject.

0922 Remove 0.1 ml GW sample W-417 from VOA vial W-417C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@18' / Lab ID: TT061720-W-417. 0932 Inject.

0938 Remove 0.1 ml GW sample W-418 from VOA vial W-418C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@25' / Lab ID: TT061720-W-418. 0948 Inject.

0940 Rec 1 GWs from Chuck Sorden. Temp 55F. FN:LC34-DPT834@38'(0855)/Lab ID: TT061720-W420

0954 Remove 10 ml GW sample W-419 from VOA vial W-419C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@34' / Lab ID: TT061720-W-419. 1004 Inject.

1005 Rec 2 GWs from Chuck Sorden. Temp 53F. FN:LC34-DPT835@8'(0950)/Lab ID: TT061720-W421 ; @13' (1000)/W422

1010 Remove 10 ml GW sample W-419 from VOA vial W-419C-2. Add 100NG,int/surr stds. Load onto PT-1. FN: LC34-DPT834@34' / Lab ID: TT061720-W-419ms. 1020 Inject.

1027 Run 10ml H2O with 100ng spike (fn: 071520ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

1030 Rec 2 GWs from Chuck Sorden. Temp 56F. FN:LC34-DPT835@18'(1010)/Lab ID: TT061720-W423 ; @25' (1025)/W424

1052 Run method blank in (fn: 071520blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

1058 Remove 10 ml GW sample W-420 from VOA vial W-420C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT834@38' / Lab ID: TT061720-W-420. 1108 Inject.

1100 Rec 2 GWs from Chuck Sorden. Temp 50F. FN:LC34-DPT835@34'(1100)/Lab ID: TT061720-W425 ; @38' (1055)/W426

1115 Remove 10 ml GW sample W-420 from VOA vial W-420C-2. Add 100NG,int/surr stds. Load onto PT-1. FN: LC34-DPT834@38' / Lab ID: TT061720-W-420MS. 1125 Inject.

1132 Remove 10 ml GW sample W-421 from VOA vial W-421C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@8' / Lab ID: TT061720-W-421. 1142 Inject.

1147 Remove 3 ml GW sample W-422 from VOA vial W-422C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@13' / Lab ID: TT061720-W-422. 1157 Inject.

1204 Remove 3 ml GW sample W-423 from VOA vial W-423C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@18' / Lab ID: TT061720-W-423. 1214 Inject.

1219 Remove 3 ml GW sample W-423 from VOA vial W-423C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@18' / Lab ID: TT061720-W-423DUP. 1229 Inject.

1225 Rec 2 GWs from Chuck Sorden. Temp 56F. FN:LC34-DPT836@8'(1210)/Lab ID: TT061720-W427 ; @13' (1220)/W428

1235 Remove 10 ml GW sample W-424 from VOA vial W-424C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@25' / Lab ID: TT061720-W-424. 1245 Inject.

1235 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT836@18'(1230)/Lab ID: TT061720-W429

1253 Remove 1 ml GW sample W-425 from VOA vial W-425C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@34' / Lab ID: TT061720-W-425. 1303 Inject.

1309 Remove 10 ml GW sample W-426 from VOA vial W-426C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT835@38' / Lab ID: TT061720-W-426. 1319 Inject.

1320 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT836@25'(1320)/Lab ID: TT061720-W430

1324 Remove 10 ml GW sample W-427 from VOA vial W-427C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@8' / Lab ID: TT061720-W-427. 1334 Inject.

1342 Remove 0.5 ml GW sample W-428 from VOA vial W-428C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@13' / Lab ID: TT061720-W-428. 1352 Inject.

1342 Remove 0.5 ml GW sample W-428 from VOA vial W-428C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@13' / Lab ID: TT061720-W-428. 1352 Inject.

1357 Remove 1 ml GW sample W-429 from VOA vial W-429C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@18' / Lab ID: TT061720-W-429. 1407 Inject.

1410 Rec 2 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT836@34'(1330)/Lab ID: TT061720-W431 ; @38'(1345)/W432

1414 Remove 10 ml GW sample W-430 from VOA vial W-430C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@25' / Lab ID: TT061720-W-430. 1424 Inject.

1430 Remove 10 ml GW sample W-431 from VOA vial W-431C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@34' / Lab ID: TT061720-W-431. 1440 Inject.

1435 Rec 2 GWs from Chuck Sorden. Temp = 55F. FN:LC34-DPT512@8'(1420)/Lab ID: TT061720-W433 ; @13'(1430)/W434

1446 Remove 10 ml GW sample W-432 from VOA vial W-432C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT836@38' / Lab ID: TT061720-W-432. 1456 Inject.

1500 Rec 2 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT512@18'(1440)/Lab ID: TT061720-W435 ; @25'(1455)/W436

1503 Remove 10 ml GW sample W-433 from VOA vial W-433C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT512@8' / Lab ID: TT061720-W-433. 1513 Inject.

1515 Rec 1 GWs from Chuck Sorden. FN:LC34-DPT512@34'(1510)/Lab ID: TT061720-W437

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/13-5/2020 Page 6 of 12

Signature: Dale A. Sorden

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/15/20 Activities:**

1520 Remove 10 ml GW sample W-434 from VOA vial W-434C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT512@13' / Lab ID: TT061720-W-434. 1530 Inject.  
1538 Remove 10 ml GW sample W-435 from VOA vial W-435C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT512@18' / Lab ID: TT061720-W-435. 1548 Inject.  
1553 Remove 10 ml GW sample W-436 from VOA vial W-436C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT512@25' / Lab ID: TT061720-W-436. 1548 Inject.  
1600 Rec 2 GWs from Chuck Sorden. Temp = 57F. FN:LC34-DPT837@8'(1545)/Lab ID: TT061720-W438 ; @13'(1555)/W439  
1609 Remove 10 ml GW sample W-437 from VOA vial W-437C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT512@34' / Lab ID: TT061720-W-437. 1619 Inject.  
1626 Remove 10 ml GW sample W-438 from VOA vial W-438C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@8' / Lab ID: TT061720-W-438. 1636 Inject.  
1627 Rec 2 GWs from Chuck Sorden. Temp = 55F. FN:LC34-DPT837@18'(1610)/Lab ID: TT061720-W440 ; @25'(1625)/W441  
1641 Remove 10 ml GW sample W-439 from VOA vial W-439C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@13' / Lab ID: TT061720-W-439. 1651 Inject.  
1700 Rec 2 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT837@34'(1640)/Lab ID: TT061720-W442 ; @38'(1655)/W443

**07/16/20 Activities:**

0827 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 77 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0830 Run method blank in (fn: 071620blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0847 Run 10ml H2O with 100ng spike (fn: 071620ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0857 Remove 1 ml GW sample W-440 from VOA vial W-440C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@18' / Lab ID: TT061720-W-440. 0907 Inject.  
0915 Remove 1 ml GW sample W-440 from VOA vial W-440C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@18' / Lab ID: TT061720-W-440DUP. 0925 Inject.  
0920 Rec 7 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT838@25'(0755)/Lab ID: TT061720-W444 ; @13'(0725)/W445 ; @ 18'(0740)/W446  
0920 Rec 7 GWs from Chuck Sorden. FN:LC34-DPT838@25'(0755)/Lab ID: TT061720-W447 ; @34'(0810)/W448  
0920 Rec 7 GWs from Chuck Sorden. FN:LC34-DPT839@8'(0905)/Lab ID: TT061720-W449 ; @13'(0915)/W450  
0931 Remove 2 ml GW sample W-441 from VOA vial W-441C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@25' / Lab ID: TT061720-W-441. 0941 Inject.  
0947 Remove 10 ml GW sample W-442 from VOA vial W-442C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@34' / Lab ID: TT061720-W-442. 0957 Inject.  
1004 Remove 10 ml GW sample W-442 from VOA vial W-442C-2. Add 100NG,int/surr stds. Load onto PT-1. FN: LC34-DPT837@34' / Lab ID: TT061720-W-442MS. 1014 Inject.  
1020 Rec 4 GWs from Chuck Sorden. Temp = 48F. FN:LC34-DPT839@18'(0930)/Lab ID: TT061720-W451 ; @25'(0945)/W452 ; @ 34'(1000)/W453 ; @38'(1015)/W454  
1021 Remove 10 ml GW sample W-443 from VOA vial W-443C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT837@38' / Lab ID: TT061720-W-443. 1031 Inject.  
1038 Remove 3 ml GW sample W-444 from VOA vial W-444C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT838@8' / Lab ID: TT061720-W-444. 1048 Inject.  
1105 Run 10ml H2O with 100ng spike (fn: 071620ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
1121 Run method blank in (fn: 071620blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
1128 Remove 3 ml GW sample W-445 from VOA vial W-445C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT838@13' / Lab ID: TT061720-W-445. 1138 Inject.  
1145 Remove 3 ml GW sample W-445 from VOA vial W-445C-2. Add int/surr stds. Load onto PT-1. FN: LC34-DPT838@13' / Lab ID: TT061720-W-445dup. 1155 Inject.  
1200 Remove 1 ml GW sample W-446 from VOA vial W-446C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT838@18' / Lab ID: TT061720-W-446. 1210 Inject.  
1210 Rec 6 GWs from Chuck Sorden. Temp = 54F. FN:LC34-DPT840@8'(1055)/Lab ID: TT061720-W455 ; @13'(1105)/W456 ; @ 18'(1120)/W457 ; @25'(1135)/W458  
1210 Rec 6 GWs from Chuck Sorden. FN:LC34-DPT840@34'(1150)/Lab ID: TT061720-W459 ; @38'(1205)/W460  
1216 Remove 10 ml GW sample W-447 from VOA vial W-447C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT838@25' / Lab ID: TT061720-W-447. 1226 Inject.  
1232 Remove 10 ml GW sample W-448 from VOA vial W-448C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT838@34' / Lab ID: TT061720-W-448. 1242 Inject.  
1249 Remove 10 ml GW sample W-448 from VOA vial W-448C-2. Add 100ng,int/surr stds. Load onto PT-1. FN: LC34-DPT838@34' / Lab ID: TT061720-W-448MS. 1259 Inject.  
1305 Remove 10 ml GW sample W-449 from VOA vial W-449C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT839@8' / Lab ID: TT061720-W-449. 1315 Inject.  
1322 Remove 10 ml GW sample W-450 from VOA vial W-450C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT839@13' / Lab ID: TT061720-W-450. 1332 Inject.  
1338 Remove 10 ml GW sample W-451 from VOA vial W-451C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT839@18' / Lab ID: TT061720-W-451. 1348 Inject.  
1354 Remove 10 ml GW sample W-452 from VOA vial W-452C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT839@25' / Lab ID: TT061720-W-452. 1404 Inject.  
1409 Remove 10 ml GW sample W-453 from VOA vial W-453C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT839@34' / Lab ID: TT061720-W-453. 1419 Inject.  
1426 Remove 10 ml GW sample W-454 from VOA vial W-454C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT839@38' / Lab ID: TT061720-W-454. 1436 Inject.  
1430 Rec 5GWs from Chuck Sorden.Temp = 52F. FN:LC34-DPT841@8'(1325)/Lab ID: TT061720-W461;@13'(1335)/W462;@18'(1350)/W463 ; @25'(1405)/W464;@34'(1420)/W465  
1442 Remove 10 ml GW sample W-455 from VOA vial W-455C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT840@8' / Lab ID: TT061720-W-455. 1452 Inject.  
1459 Remove 10 ml GW sample W-456 from VOA vial W-456C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT840@13' / Lab ID: TT061720-W-456. 1509 Inject.  
1515 Remove 2 ml GW sample W-457 from VOA vial W-457C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT840@18' / Lab ID: TT061720-W-457. 1525 Inject.  
1531 Remove 3 ml GW sample W-458 from VOA vial W-458C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT840@25' / Lab ID: TT061720-W-458. 1541 Inject.  
1547 Remove 10 ml GW sample W-459 from VOA vial W-459C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT840@34' / Lab ID: TT061720-W-459. 1557 Inject.  
1600 Rec 5GWs from Chuck Sorden.Temp = 58F. FN:LC34-DPT842@8'(1450)/Lab ID: TT061720-W466;@13'(1505)/W467;@18'(1520)/W468 ; @25'(1535)/W469;@34'(1555)/W470  
1603 Remove 10 ml GW sample W-460 from VOA vial W-460C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT840@38' / Lab ID: TT061720-W-460. 1613 Inject.  
1618 Remove 10 ml GW sample W-461 from VOA vial W-461C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT841@8' / Lab ID: TT061720-W-461. 1628 Inject.  
1633 Remove 10 ml GW sample W-462 from VOA vial W-462C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT841@13' / Lab ID: TT061720-W-462. 1643 Inject.  
1649 Remove 10 ml GW sample W-463 from VOA vial W-463C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT841@18' / Lab ID: TT061720-W-463. 1659 Inject.  
1706 Remove 10 ml GW sample W-464 from VOA vial W-464C-1. Add int/surr stds. Load onto PT-1. FN: LC34-DPT841@25' / Lab ID: TT061720-W-464. 1716 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/15-6/2020

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Signature: \_\_\_\_\_

*Dale Sharp*

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/17/20 Activities:**

0521 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 78 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0525 Run method blank in (fn: 071720blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0543 Run 10ml H2O with 100ng spike (fn: 071720ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0549 Remove 10 ml GW sample W-465 from VOA vial W-465C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT841@34' / Lab ID: TT061720-W-465. 0559 Inject.  
0606 Remove 10 ml GW sample W-465 from VOA vial W-465C-2. Add 100NG,Int/surr stds. Load onto PT-1. FN: LC34-DPT841@34' / Lab ID: TT061720-W-465MS. 0616 Inject.  
0622 Remove 10 ml GW sample W-466 from VOA vial W-466C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT842@8' / Lab ID: TT061720-W-466. 0632 Inject.  
0639 Remove 10 ml GW sample W-466 from VOA vial W-466C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT842@8' / Lab ID: TT061720-W-466DUP. 0649 Inject.  
0656 Remove 10 ml GW sample W-467 from VOA vial W-467C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT842@13' / Lab ID: TT061720-W-467. 0706 Inject.  
0713 Remove 10 ml GW sample W-468 from VOA vial W-468C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT842@18' / Lab ID: TT061720-W-468. 0723 Inject.  
0733 Remove 10 ml GW sample W-469 from VOA vial W-469C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT842@25' / Lab ID: TT061720-W-469. 0743 Inject.  
0801 Run 10ml H2O with 100ng spike (fn: 071720ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0818 Run method blank in (fn: 071720blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0824 Remove 10 ml GW sample W-470 from VOA vial W-470C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT842@34' / Lab ID: TT061720-W-470. 0834 Inject.  
0841 Remove 10 ml GW sample W-470 from VOA vial W-470C-2. Add 100NG,Int/surr stds. Load onto PT-1. FN: LC34-DPT842@34' / Lab ID: TT061720-W-470MS. 0851 Inject.  
1000 Rec 8 GWs from Chuck Sorden. Temp = 52F. FN:LC34-DPT843@8'(0735)/Lab ID: TT061720-W471;@13'(0745)/W472;@18'(0755)/W473;@25'(0810)/W474;@34'(0825)/W475  
1000 Rec 8 GWs from Chuck Sorden. FN:LC34-DPT844@8'(0915)/Lab ID: TT061720-W476;@13'(0925)/W477;@18'(0940)/W478;@25'(0955)/W479  
1005 Remove 10 ml GW sample W-471 from VOA vial W-471C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT843@8' / Lab ID: TT061720-W-471. 1015 Inject.  
1021 Remove 10 ml GW sample W-472 from VOA vial W-472C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT843@13' / Lab ID: TT061720-W-472. 1031 Inject.  
1036 Remove 10 ml GW sample W-473 from VOA vial W-473C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT843@18' / Lab ID: TT061720-W-473. 1046 Inject.  
1051 Remove 10 ml GW sample W-474 from VOA vial W-474C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT843@25' / Lab ID: TT061720-W-474. 1101 Inject.  
1107 Remove 10 ml GW sample W-475 from VOA vial W-475C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT843@34' / Lab ID: TT061720-W-475. 1117 Inject.  
1124 Remove 10 ml GW sample W-476 from VOA vial W-476C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT844@8' / Lab ID: TT061720-W-476. 1134 Inject.  
1130 Rec 5 GWs from Chuck Sorden. Temp=52F. FN:LabID: DPT844@34'(1010)/W480  
1130 Rec 5 GWs from Chuck Sorden. FN:LabID: DPT845@8'(1050)/W481;@13'(1100)/W482;@18'(1110)/W483;@25'(1125)/W484  
1140 Remove 10 ml GW sample W-477 from VOA vial W-477C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT844@13' / Lab ID: TT061720-W-477. 1150 Inject.  
1156 Remove 10 ml GW sample W-478 from VOA vial W-478C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT844@18' / Lab ID: TT061720-W-478. 1206 Inject.  
1212 Remove 3 ml GW sample W-479 from VOA vial W-479C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT844@25' / Lab ID: TT061720-W-479. 1222 Inject.  
1230 Remove 0.5 ml GW sample W-479 from VOA vial W-479C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT844@25' / Lab ID: TT061720-W-479R. 1240 Inject.  
1246 Remove 10 ml GW sample W-480 from VOA vial W-480C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT844@34' / Lab ID: TT061720-W-480. 1256 Inject.  
1258 Rec 5 GWs from Chuck Sorden. Temp = 54F. FN: DPT845@34'(1140)/W485  
1258 Rec 5 GWs from Chuck Sorden. FN:LabID: DPT846@8'(1220)/W486;@13'(1230)/W487;@18'(1240)/W488;@25'(1255)/W489  
1301 Remove 10 ml GW sample W-481 from VOA vial W-481C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT845@8' / Lab ID: TT061720-W-481. 1311 Inject.  
1316 Remove 10 ml GW sample W-482 from VOA vial W-482C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT845@13' / Lab ID: TT061720-W-482. 1326 Inject.  
1332 Remove 0.25 ml GW sample W-483 from VOA vial W-483C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT845@18' / Lab ID: TT061720-W-483. 1342 Inject.  
1349 Remove 0.1 ml GW sample W-484 from VOA vial W-484C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT845@25' / Lab ID: TT061720-W-484. 1359 Inject.  
1406 Remove 10 ml GW sample W-485 from VOA vial W-485C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT845@34' / Lab ID: TT061720-W-485. 1416 Inject.  
1410 Rec 4 GWs from Chuck Sorden. Temp = 55F. FN:LabID: DPT846@34'(1310)/W490 ; @38'(1325)/W491  
1410 Rec 4 GWs from Chuck Sorden. FN:LabID: DPT847@8'(1355)/W492 ; @13'(1405)/W493  
1421 Remove 1 ml GW sample W-485 from VOA vial W-485C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT845@34' / Lab ID: TT061720-W-485R. 1431 Inject.  
1436 Remove 10 ml GW sample W-486 from VOA vial W-486C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@8' / Lab ID: TT061720-W-486. 1446 Inject.  
1452 Remove 10 ml GW sample W-487 from VOA vial W-487C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@13' / Lab ID: TT061720-W-487. 1502 Inject.  
1505 Rec 4 GWs from Chuck Sorden. Temp = 50F. FN:LabID:TT061720-DPT847@18'(1415)/W494 ; @25'(1430)/W495 ; @ 34'(1445)/W496 ; @38'(1500)/W497  
1507 Remove 0.5 ml GW sample W-488 from VOA vial W-488C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@18' / Lab ID: TT061720-W-488. 1517 Inject.  
1523 Remove 0.1 ml GW sample W-489 from VOA vial W-489C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@25' / Lab ID: TT061720-W-489. 1533 Inject.

**07/20/20 Activities:**

0459 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 77 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0501 Run method blank in (fn: 072020blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0518 Run 10ml H2O with 100ng spike (fn: 072020ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0525 Remove 0.25 ml GW sample W-490 from VOA vial W-490C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@34' / Lab ID: TT061720-W-490. 0535 Inject.  
0542 Remove 0.25 ml GW sample W-490 from VOA vial W-490C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@34' / Lab ID: TT061720-W-490DUP. 0552 Inject.  
0559 Remove 10 ml GW sample W-491 from VOA vial W-491C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT846@38' / Lab ID: TT061720-W-491. 0609 Inject.  
0616 Remove 10 ml GW sample W-491 from VOA vial W-491C-2. Add 100ng,Int/surr stds. Load onto PT-1. FN: LC34-DPT846@38' / Lab ID: TT061720-W-491MS. 0626 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/17,20/2020 Page 8 of 12

Signature: Dale Sharp

Important phone calls / Changes:



ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/20/20 Activities:**

0633 Remove 10 ml GW sample W-492 from VOA vial W-492C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT847@8' / Lab ID: TT061720-W-492. 0643 Inject.

0650 Remove 10 ml GW sample W-493 from VOA vial W-493C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT847@13' / Lab ID: TT061720-W-493. 0700 Inject.

0708 Remove 1 ml GW sample W-494 from VOA vial W-494C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT847@18' / Lab ID: TT061720-W-494. 0718 Inject.

0848 Remove 0.1 ml GW sample W-495 from VOA vial W-495C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT847@25' / Lab ID: TT061720-W-495. 0858 Inject.

0907 Remove 0.1 ml GW sample W-496 from VOA vial W-496C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT847@34' / Lab ID: TT061720-W-496. 0917 Inject.

0923 Remove 10 ml GW sample W-497 from VOA vial W-497C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT847@38' / Lab ID: TT061720-W-497. 0933 Inject.

0948 Run method blank in (fn: 072020blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

1006 Run 10ml H2O with 100ng spike (fn: 072020ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

1229 Rec 9 GWs from Chuck Sorden. Temp = 50F. FN:LC34-DPT848@8'(1005)/Lab ID: TT061720-W498; @13'(1020)/W499; @18'(1035)/W500; @25'(1050)/W501; @34'(1105)/W502

1229 Rec 9 GWs from Chuck Sorden. FN:LC34-DPT848@38'(1120)/Lab ID: TT061720-W503; DPT849@8'(1150)/W504; @13'(1200)/W505; @18'(1210)/W506

1239 Remove 10 ml GW sample W-498 from VOA vial W-498C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT848@8' / Lab ID: TT061720-W-498. 1249 Inject.

1255 Remove 10 ml GW sample W-499 from VOA vial W-499C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT848@13' / Lab ID: TT061720-W-499. 1305 Inject.

1604 Remove 2 ml GW sample W-500 from VOA vial W-500C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT848@18' / Lab ID: TT061720-W-500. 1614 Inject.

1650 Remove 1 ml GW sample W-501 from VOA vial W-501C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT848@25' / Lab ID: TT061720-W-501. 1700 Inject.

1737 Remove 3 ml GW sample W-502 from VOA vial W-502C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT848@34' / Lab ID: TT061720-W-502. 1747 Inject.

1822 Rec 15 GWs from Chuck Sorden. Temp = 49F. FN:LC34-DPT849@25'(1255)/Lab ID: TT061720-W507; @34'(1310)/W508 ; @38'(1325)/W509

1822 Rec 15 GWs from Chuck Sorden. FN:LC34-DPT850@8'(1405)/Lab ID: TT061720-W510; @13'(1415)/W511 ; @18'(1430)/W512 ; @25'(1445)/W513 ; @34'(1500)/W514

1822 Rec 15 GWs from Chuck Sorden. FN:LC34-DPT850@38'(1515)/Lab ID: TT061720-W515; DPT716@8'(1550)/W516 ; @13'(1600)/W517

1822 Rec 15 GWs from Chuck Sorden. FN:LC34-DPT716@18'(1610)/Lab ID: TT061720-W518; @25'(1625)/W519 ; @34'(1640)/W520 ; @38'(1655)/W521

1842 Remove 10 ml GW sample W-503 from VOA vial W-503C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT848@38' / Lab ID: TT061720-W-503. 1852 Inject.

1859 Remove 10 ml GW sample W-504 from VOA vial W-504C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT849@8' / Lab ID: TT061720-W-504. 1909 Inject.

1915 Remove 3 ml GW sample W-505 from VOA vial W-505C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT849@13' / Lab ID: TT061720-W-505. 1925 Inject.

1931 Remove 1 ml GW sample W-506 from VOA vial W-506C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT849@18' / Lab ID: TT061720-W-506. 1941 Inject.

1947 Remove 0.5 ml GW sample W-507 from VOA vial W-507C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT849@25' / Lab ID: TT061720-W-507. 1957 Inject.

2004 Remove 10 ml GW sample W-508 from VOA vial W-508C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT849@34' / Lab ID: TT061720-W-508. 2014 Inject.

2021 Remove 10 ml GW sample W-509 from VOA vial W-509C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT849@38' / Lab ID: TT061720-W-509. 2031 Inject.

2038 Remove 10 ml GW sample W-510 from VOA vial W-510C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@8' / Lab ID: TT061720-W-510. 2048 Inject.

2053 Remove 10 ml GW sample W-509 from VOA vial W-509C-2. Add 100NG,Int/surr stds. Load onto PT-1. FN: LC34-DPT849@38' / Lab ID: TT061720-W-509MS. 2103 Inject.

2109 Remove 3 ml GW sample W-511 from VOA vial W-511C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@13' / Lab ID: TT061720-W-511. 2119 Inject.

2126 Remove 0.5 ml GW sample W-512 from VOA vial W-512C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@18' / Lab ID: TT061720-W-512. 2136 Inject.

2142 Remove 0.5 ml GW sample W-513 from VOA vial W-513C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@25' / Lab ID: TT061720-W-513. 2152 Inject.

2157 Remove 0.5 ml GW sample W-513 from VOA vial W-513C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@25' / Lab ID: TT061720-W-513DUP. 2207 Inject.

2214 Remove 10 ml GW sample W-514 from VOA vial W-514C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@32' / Lab ID: TT061720-W-514. 2224 Inject.

**07/21/20 Activities:**

0509 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 79 F. Albertsfilterstore C#LBSV040C Lot# 170511010

0512 Run method blank in (fn: 072120blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

0529 Run 10ml H2O with 100ng spike (fn: 072120ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

0536 Remove 10 ml GW sample W-515 from VOA vial W-515C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT850@38' / Lab ID: TT061720-W-515. 0546 Inject.

0552 Remove 10 ml GW sample W-515 from VOA vial W-515C-2. Add 100NG,Int/surr stds. Load onto PT-1. FN: LC34-DPT850@38' / Lab ID: TT061720-W-515MS. 0602 Inject.

0609 Remove 10 ml GW sample W-516 from VOA vial W-516C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@8' / Lab ID: TT061720-W-516. 0619 Inject.

0626 Remove 3 ml GW sample W-517 from VOA vial W-517C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@13' / Lab ID: TT061720-W-517. 0636 Inject.

0643 Remove 0.5 ml GW sample W-518 from VOA vial W-518C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@18' / Lab ID: TT061720-W-518. 0653 Inject.

0658 Remove 0.5 ml GW sample W-518 from VOA vial W-518C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@18' / Lab ID: TT061720-W-518dup. 0708 Inject.

0715 Remove 0.25 ml GW sample W-519 from VOA vial W-519C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@25' / Lab ID: TT061720-W-519. 0725 Inject.

0835 Remove 10 ml GW sample W-520 from VOA vial W-520C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@34' / Lab ID: TT061720-W-520. 0845 Inject.

0849 Remove 10 ml GW sample W-521 from VOA vial W-521C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT716@38' / Lab ID: TT061720-W-521. 0859 Inject.

1225 Rec 15 GWs from Chuck Sorden. Temp = 50F. FN:LC34-DPT711@8'(0740)/Lab ID: TT061720-W522; @13'(0750)/W523 ; @18'(0800)/W524 ; @25'(0815)/W525

1225 Rec 15 GWs from Chuck Sorden. FN:LC34-DPT711@34'(0830)/Lab ID: TT061720-W526; @38'(0850)/W527 ; DPT710@8'(0920)/W528 ; @13'(0935)/W529

1225 Rec 15 GWs from Chuck Sorden. FN:LC34-DPT710@18'(0950)/Lab ID: TT061720-W530; @25'(1005)/W531 ; @34'(1020)/W532 ; @38'(1035)/W533

1225 Rec 15 GWs from Chuck Sorden. FN:LC34-DPT851@8'(1135)/Lab ID: TT061720-W534; @13'(1145)/W535 ; @18'(1200)/W536

1247 Run method blank in (fn: 072120blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.

1303 Run 10ml H2O with 100ng spike (fn: 072120ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/20-21/2020 Page 9 of 12

Signature: Dale A Sharp

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/21/20 Activities:**

1309 Remove 10 ml GW sample W-522 from VOA vial W-522C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT711@8' / Lab ID: TT061720-W-522. 1319 Inject.  
1324 Remove 10 ml GW sample W-523 from VOA vial W-523C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT711@13' / Lab ID: TT061720-W-523. 1334 Inject.  
1340 Remove 1 ml GW sample W-524 from VOA vial W-524C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT711@18' / Lab ID: TT061720-W-524. 1350 Inject.  
1355 Remove 0.5 ml GW sample W-525 from VOA vial W-525C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT711@25' / Lab ID: TT061720-W-525. 1405 Inject.  
1410 Remove 0.5 ml GW sample W-526 from VOA vial W-526C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT711@34' / Lab ID: TT061720-W-526. 1420 Inject.  
1535 Rec 9 GWs from Chuck Sorden. Temp = 52F. FN:LC34-DPT851@25'(1240)/Lab ID: TT061720-W537; @34'(1255)/W538 ; @38'(1310)/W539  
1535 Rec 9 GWs from Chuck Sorden. FN:LC34-DPT852@16'(1400)/Lab ID: TT061720-W540; @21'(1415)/W541 ; @26'(1430)/W542  
1535 Rec 9 GWs from Chuck Sorden. FN:LC34-DPT852@33'(1445)/Lab ID: TT061720-W543; @42'(1500)/W544 ; @46'(1520)/W545  
1540 Remove 5 ml GW sample W-527 from VOA vial W-527C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT711@38' / Lab ID: TT061720-W-527. 1550 Inject.  
1556 Remove 10 ml GW sample W-528 from VOA vial W-528C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@8' / Lab ID: TT061720-W-528. 1606 Inject.  
1746 Remove 10 ml GW sample W-529 from VOA vial W-529C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@13' / Lab ID: TT061720-W-529. 1756 Inject.  
1803 Remove 2 ml GW sample W-530 from VOA vial W-530C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@18' / Lab ID: TT061720-W-530. 1813 Inject.  
1819 Remove 0.5 ml GW sample W-531 from VOA vial W-531C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@25' / Lab ID: TT061720-W-531. 1829 Inject.  
1835 Remove 0.5 ml GW sample W-532 from VOA vial W-532C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@34' / Lab ID: TT061720-W-532. 1845 Inject.  
1850 Remove 0.5 ml GW sample W-532 from VOA vial W-532C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@34' / Lab ID: TT061720-W-532DUP. 1900 Inject.  
1906 Remove 10 ml GW sample W-533 from VOA vial W-533C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT710@38' / Lab ID: TT061720-W-533. 1916 Inject.  
1921 Remove 10 ml GW sample W-534 from VOA vial W-534C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT851@8' / Lab ID: TT061720-W-534. 1931 Inject.  
1938 Remove 10 ml GW sample W-534 from VOA vial W-534C-2. Add 100NG,Int/surr stds. Load onto PT-1. FN: LC34-DPT851@8' / Lab ID: TT061720-W-534MS. 1948 Inject.  
2001 Remove 10 ml GW sample W-535 from VOA vial W-535C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT851@13' / Lab ID: TT061720-W-535. 2011 Inject.  
2017 Remove 10 ml GW sample W-536 from VOA vial W-536C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT851@18' / Lab ID: TT061720-W-536. 2027 Inject.  
2034 Remove 0.5 ml GW sample W-537 from VOA vial W-537C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT851@25' / Lab ID: TT061720-W-537. 2044 Inject.  
2049 Remove 0.5 ml GW sample W-538 from VOA vial W-538C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT851@34' / Lab ID: TT061720-W-538. 2059 Inject.  
2104 Remove 3 ml GW sample W-539 from VOA vial W-539C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT851@38' / Lab ID: TT061720-W-539. 2114 Inject.

**07/22/20 Activities:**

0406 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 81 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0409 Run method blank in (fn: 072220blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0427 Run 10ml H2O with 100ng spike (fn: 072220ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0434 Remove 10 ml GW sample W-540 from VOA vial W-540C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@16' / Lab ID: TT061720-W-540. 0444 Inject.  
0452 Remove 10 ml GW sample W-540 from VOA vial W-540C-2. Add 100ng,Int/surr stds. Load onto PT-1. FN: LC34-DPT852@16' / Lab ID: TT061720-W-540ms. 0502 Inject.  
0508 Remove 10 ml GW sample W-541 from VOA vial W-541C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@21' / Lab ID: TT061720-W-541. 0518 Inject.  
0525 Remove 1 ml GW sample W-542 from VOA vial W-542C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@26' / Lab ID: TT061720-W-542. 0535 Inject.  
0545 Remove 0.5 ml GW sample W-543 from VOA vial W-543C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@33' / Lab ID: TT061720-W-543. 0555 Inject.  
0601 Remove 3 ml GW sample W-544 from VOA vial W-544C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@42' / Lab ID: TT061720-W-544. 0611 Inject.  
0617 Remove 3 ml GW sample W-544 from VOA vial W-544C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@42' / Lab ID: TT061720-W-544dup. 0627 Inject.  
0633 Remove 10 ml GW sample W-545 from VOA vial W-545C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT852@46' / Lab ID: TT061720-W-545. 0643 Inject.  
0828 Run method blank in (fn: 072220blk2.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0844 Run 10ml H2O with 100ng spike (fn: 072220ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
1225 Rec 12 GWs from Chuck Sorden. Temp = 48F. FN:LC34-DPT853@16'(0705)/Lab ID: TT061720-W546; @21'(0720)/W547 ; @26'(0735)/W548 ; @33'(0750)/W549  
1225 Rec 12 GWs from Chuck Sorden. FN:LC34-DPT853@42'(0810)/Lab ID: TT061720-W550; @46'(0830)/W551 ; DPT854@16'(0910)/W552 ; @21'(0925)/W553  
1225 Rec 12 GWs from Chuck Sorden. FN:LC34-DPT854@26'(0940)/Lab ID: TT061720-W554; @33'(0955)/W555 ; @42'(1015)/W556 ; @46'(1035)/W557  
1440 Remove 10 ml GW sample W-546 from VOA vial W-546C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT853@16' / Lab ID: TT061720-W-546. 1450 Inject.  
1455 Remove 10 ml GW sample W-547 from VOA vial W-547C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT853@21' / Lab ID: TT061720-W-547. 1505 Inject.  
1525 Remove 1 ml GW sample W-548 from VOA vial W-548C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT853@26' / Lab ID: TT061720-W-548. 1535 Inject.  
1540 Remove 0.5 ml GW sample W-549 from VOA vial W-549C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT853@33' / Lab ID: TT061720-W-549. 1550 Inject.  
1556 Remove 5 ml GW sample W-550 from VOA vial W-550C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT853@42' / Lab ID: TT061720-W-550. 1606 Inject.  
1600 Rec 3 GWs from Chuck Sorden. Temp = 51F. FN:CCF-DPT578@20'(1415)/Lab ID: TT061720-W558; @30'(1430)/W559 ; @40'(1445)/W560  
1658 Remove 10 ml GW sample W-551 from VOA vial W-551C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT853@46' / Lab ID: TT061720-W-551. 1708 Inject.  
1714 Remove 10 ml GW sample W-552 from VOA vial W-552C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@16' / Lab ID: TT061720-W-552. 1724 Inject.  
1731 Remove 10 ml GW sample W-553 from VOA vial W-553C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@21' / Lab ID: TT061720-W-553. 1741 Inject.  
1746 Remove 2 ml GW sample W-554 from VOA vial W-554C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@26' / Lab ID: TT061720-W-554. 1756 Inject.  
1801 Remove 10 ml GW sample W-555 from VOA vial W-555C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@33' / Lab ID: TT061720-W-555. 1811 Inject.  
1816 Remove 10 ml GW sample W-556 from VOA vial W-556C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@42' / Lab ID: TT061720-W-556. 1826 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/21-22/2020

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Signature: \_\_\_\_\_



Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 and CCF Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/22/20 Activities:**

1831 Remove 10 ml GW sample W-557 from VOA vial W-557C-1. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@46' / Lab ID: TT061720-W-557. 1841 Inject.  
1846 Remove 1 ml GW sample W-558 from VOA vial W-558C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT578@20' / Lab ID: TT061720-W-558. 1841 Inject.  
1901 Remove 0.5 ml GW sample W-559 from VOA vial W-559C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT578@30' / Lab ID: TT061720-W-559. 1911 Inject.  
1916 Remove 10 ml GW sample W-560 from VOA vial W-560C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT578@40' / Lab ID: TT061720-W-560. 1926 Inject.  
1950 Remove 10 ml GW sample W-556 from VOA vial W-556C-2. Add Int/surr stds. Load onto PT-1. FN: LC34-DPT854@42' / Lab ID: TT061720-W-556ms. 2000 Inject.

**07/23/20 Activities:**

0730 Rec 3 GWs from Chuck Sorden. Temp = 52F. FN:CCF-DPT579@20'(1525 7/22)/Lab ID: TT061720-W561; @30'(1540)/W562 ; @40'(1600)/W563  
1305 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 81 F. Albertsfilterstore C#LBSV040C Lot# 280651229  
1311 Run 10ml H2O with 100ng spike (fn: 072320ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
1327 Run method blank in (fn: 072320blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
1340 Rec 10 GWs from Chuck Sorden. Temp = 50F. FN:CCF-DPT578@10'(1010)/Lab ID: TT061720-W564; DPT579@10'(1030)/W565 ; DPT580@10'(1055)/W566  
1340 Rec 10 GWs from Chuck Sorden. FN:CCF-DPT580@20'(1105)/Lab ID: TT061720-W567; @30'(1155)/W568 ; @40'(1210)/W569  
1340 Rec 10 GWs from Chuck Sorden. FN:CCF-DPT581@10'(1240)/Lab ID: TT061720-W570; @20'(1250)/W571 ; @30'(1305)/W572 ; @40'(1320)/W573  
1533 Remove 10 ml GW sample W-561 from VOA vial W-561C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT579@20' / Lab ID: TT061720-W-561. 1543 Inject.  
1548 Remove 10 ml GW sample W-562 from VOA vial W-562C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT579@30' / Lab ID: TT061720-W-562. 1558 Inject.  
1603 Remove 10 ml GW sample W-563 from VOA vial W-563C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT579@40' / Lab ID: TT061720-W-563. 1613 Inject.  
1620 Remove 0.5 ml GW sample W-564 from VOA vial W-564C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT578@10' / Lab ID: TT061720-W-564. 1630 Inject.  
1635 Remove 10 ml GW sample W-565 from VOA vial W-565C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT579@10' / Lab ID: TT061720-W-565. 1645 Inject.  
1640 Rec 9 GWs from Chuck Sorden. Temp = 52F. FN:CCF-DPT568@60'(1430)/Lab ID: TT061720-W574; @59'(1445)/W575 ; @58'(1500)/W576  
1640 Rec 9 GWs from Chuck Sorden. FN:CCF-DPT568@57'(1515)/Lab ID: TT061720-W577; @56'(1530)/W578 ; @55'(1545)/W579  
1640 Rec 9 GWs from Chuck Sorden. FN:CCF-DPT568@54'(1600)/Lab ID: TT061720-W580; @53'(1615)/W581 ; @52'(1630)/W582  
1650 Remove 3 ml GW sample W-566 from VOA vial W-566C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT580@10' / Lab ID: TT061720-W-566. 1700 Inject.  
1705 Remove 0.25 ml GW sample W-567 from VOA vial W-567C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT580@20' / Lab ID: TT061720-W-567. 1715 Inject.  
1803 Remove 2 ml GW sample W-568 from VOA vial W-568C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT580@30' / Lab ID: TT061720-W-568. 1813 Inject.  
1820 Remove 10 ml GW sample W-569 from VOA vial W-569C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT580@40' / Lab ID: TT061720-W-569. 1830 Inject.  
1838 Remove 10 ml GW sample W-570 from VOA vial W-570C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT581@10' / Lab ID: TT061720-W-570. 1848 Inject.  
1854 Remove 10 ml GW sample W-571 from VOA vial W-571C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT581@20' / Lab ID: TT061720-W-571. 1904 Inject.  
1929 Remove 10 ml GW sample W-571 from VOA vial W-571C-2. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT581@20' / Lab ID: TT061720-W-571MS. 1939 Inject.  
1912 Remove 10 ml GW sample W-572 from VOA vial W-572C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT581@30' / Lab ID: TT061720-W-572. 1922 Inject.  
1944 Remove 10 ml GW sample W-573 from VOA vial W-573C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT581@40' / Lab ID: TT061720-W-573. 1954 Inject.  
2000 Remove 3 ml GW sample W-574 from VOA vial W-574C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@60' / Lab ID: TT061720-W-574. 2010 Inject.  
2018 Remove 0.25 ml GW sample W-575 from VOA vial W-575C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@59' / Lab ID: TT061720-W-575. 2028 Inject.  
2035 Remove 0.1 ml GW sample W-576 from VOA vial W-576C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@58' / Lab ID: TT061720-W-576. 2045 Inject.  
2051 Remove 0.25 ml GW sample W-577 from VOA vial W-577C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@57' / Lab ID: TT061720-W-577. 2101 Inject.  
2107 Remove 0.025 ml GW sample W-578 from VOA vial W-578C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@56' / Lab ID: TT061720-W-578. 2117 Inject.  
2122 Remove 0.025 ml GW sample W-579 from VOA vial W-579C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@55' / Lab ID: TT061720-W-579. 2132 Inject.  
2137 Remove 0.025 ml GW sample W-580 from VOA vial W-580C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@54' / Lab ID: TT061720-W-580. 2147 Inject.  
2154 Remove 0.025 ml GW sample W-580 from VOA vial W-580C-2. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@54' / Lab ID: TT061720-W-580dup. 2204 Inject.

**07/24/20 Activities:**

0613 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 81 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0615 Run method blank in (fn: 072420blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0632 Run 10ml H2O with 100ng spike (fn: 072420ccv1.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
1300 Rec 20 GWs from Chuck Sorden. Temp =52F. FN:CCF-DPT570@60'(0715)/Lab ID: TT061720-W583; @59'(0730)/W584 ; @58'(0745)/W585 ; @57'(0800)/W586  
1300 Rec 20 GWs from CS. FN:CCF-DPT570@56'(0815)/Lab ID: TT061720-W587; @55'(0830)/W588 ; @54'(0845)/W589 ; @53'(0900)/W590; @52'(0915)/W591  
1300 Rec 20 GWs from CS. FN:CCF-DPT553@60'(1000)/Lab ID: TT061720-W592; @59'(1015)/W593 ; @58'(1030)/W594 ; @57'(1045)/W595; @56'(1100)/W596  
1300 Rec 20 GWs from CS. FN:CCF-DPT553@55'(1115)/Lab ID: TT061720-W597; @54'(1130)/W598 ; @53'(1145)/W599 ; @52'(1200)/W600;  
1300 Rec 20 GWs from CS. FN:CCF-DPT569@60'(1255)/Lab ID: TT061720-W601;  
1409 Remove 0.1 ml GW sample W-581 from VOA vial W-581C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@53' / Lab ID: TT061720-W-581. 1419 Inject.  
1410 Rec 12 GWs from Chuck Sorden. Temp =54F. FN:CCF-DPT569@59'(1310)/Lab ID: TT061720-W602; @58'(1325)/W603 ; @57'(1340)/W604 ; @55'(1355)/W605  
1423 Remove 0.1 ml GW sample W-582 from VOA vial W-582C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT568@52' / Lab ID: TT061720-W-582. 1433 Inject.  
1439 Remove 1 ml GW sample W-583 from VOA vial W-583C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@60' / Lab ID: TT061720-W-583. 1449 Inject.

Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/22-24/2020

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Signature: \_\_\_\_\_

*Dale Sorden*

Important phone calls / Changes:

ANALYTICAL LABORATORIES OF FLORIDA  
**FIELD ACTIVITIES FORM**

Project Name: LC34.2 and CCF Site

ALF Project: TT070620

Address: KSC, FL.

PROJECT NOTES:

Method: EPA8260D; Target Compounds: Vinyl chloride,1,1-DCE, cis/trans-12,DCE, and TCE.

Lab#1/GC#5

**07/24/20 Activities:**

1545 Remove 1 ml GW sample W-584 from VOA vial W-584C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@59' / Lab ID: TT061720-W-584. 1555 Inject.  
1601 Remove 3 ml GW sample W-585 from VOA vial W-585C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@58' / Lab ID: TT061720-W-585. 1611 Inject.  
1605 Rec 7 GWs from Chuck Sorden. Temp =54F. FN:CCF-DPT559@55'(1410)/Lab ID: TT061720-W606; @54'(1425)/W607; @53'(1440)/W608; @52'(1455)/W609  
1605 Rec 7 GWs from Chuck Sorden. FN:CCF-DRUM-220288 1530)/Lab ID: TT061720-W610; DRUM-220289 (1540)/W611; DRUM-220290 (1550)/W612  
1617 Remove 0.5 ml GW sample W-586 from VOA vial W-586C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@57' / Lab ID: TT061720-W-586. 1627 Inject.  
1633 Remove 0.5 ml GW sample W-587 from VOA vial W-587C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@56' / Lab ID: TT061720-W-587. 1643 Inject.  
1648 Remove 0.25 ml GW sample W-588 from VOA vial W-588C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@55' / Lab ID: TT061720-W-588. 1658 Inject.  
1704 Remove 0.5 ml GW sample W-589 from VOA vial W-589C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@54' / Lab ID: TT061720-W-589. 1714 Inject.  
1720 Remove 0.5 ml GW sample W-590 from VOA vial W-590C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@53' / Lab ID: TT061720-W-590. 1730 Inject.  
1737 Remove 0.5 ml GW sample W-591 from VOA vial W-591C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@52' / Lab ID: TT061720-W-591. 1747 Inject.  
1754 Remove 3 ml GW sample W-592 from VOA vial W-592C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@60' / Lab ID: TT061720-W-592. 1804 Inject.  
1811 Remove 1 ml GW sample W-583 from VOA vial W-583C-2. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT570@60' / Lab ID: TT061720-W-583DUP. 1821 Inject.  
1829 Remove 1 ml GW sample W-583 from VOA vial W-583C-2 syringe. Add 100ng Int/surr stds. Load onto PT-1. FN: CCF-DPT570@60' / Lab ID: TT061720-W-583ms. 1839 Inject.

**07/25/20 Activities:**

0602 Run BFB Dynamic hardware tune ; Refrigerator # 10 temp < -15C ; Ambient temp 76 F. Albertsfilterstore C#LBSV040C Lot# 170511010  
0603 Run method blank in (fn: 072520blk1.d) 10 ml H2O. All analyte responses equal to or < 50% of lowest quantitation calibration standard.  
0620 Run 10ml H2O with 100ng spike (fn: 072520ccv1.d). Failure rerun, replace sparger and rerun.  
0641 Run 10ml H2O with 100ng spike (fn: 072420ccv2.d). All compound responses between within 20 % expected response and ion ratios within 30% expected ratio.  
0650 Remove 3 ml GW sample W-593 from VOA vial W-593C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@59' / Lab ID: TT061720-W-593. 0700 Inject.  
0707 Remove 1 ml GW sample W-594 from VOA vial W-594C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@58' / Lab ID: TT061720-W-594. 0717 Inject.  
0723 Remove 0.5 ml GW sample W-595 from VOA vial W-595C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@57' / Lab ID: TT061720-W-595. 0733 Inject.  
0740 Remove 0.025 ml GW sample W-596 from VOA vial W-596C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@56' / Lab ID: TT061720-W-596. 0750 Inject.  
0756 Remove 0.025 ml GW sample W-597 from VOA vial W-597C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@55' / Lab ID: TT061720-W-597. 0806 Inject.  
0813 Remove 0.025 ml GW sample W-598 from VOA vial W-598C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@54' / Lab ID: TT061720-W-598. 0823 Inject.  
0830 Remove 0.025 ml GW sample W-599 from VOA vial W-599C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@53' / Lab ID: TT061720-W-599. 0840 Inject.  
0854 Remove 0.05 ml GW sample W-600 from VOA vial W-600C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT553@52' / Lab ID: TT061720-W-600. 0904 Inject.  
0911 Remove 3 ml GW sample W-601 from VOA vial W-601C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@60' / Lab ID: TT061720-W-601. 0921 Inject.  
0927 Remove 3 ml GW sample W-602 from VOA vial W-602C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@59' / Lab ID: TT061720-W-602. 0937 Inject.  
0944 Remove 2 ml GW sample W-603 from VOA vial W-603C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@58' / Lab ID: TT061720-W-603. 0954 Inject.  
1001 Remove 1 ml GW sample W-604 from VOA vial W-604C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@57' / Lab ID: TT061720-W-604. 1011 Inject.  
1018 Remove 1 ml GW sample W-605 from VOA vial W-605C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@56' / Lab ID: TT061720-W-605. 1028 Inject.  
1035 Remove 0.25 ml GW sample W-606 from VOA vial W-606C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@55' / Lab ID: TT061720-W-606. 1045 Inject.  
1057 Remove 0.25 ml GW sample W-606 from VOA vial W-606C-2. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@55' / Lab ID: TT061720-W-606dup. 1107 Inject.  
1113 Remove 0.2 ml GW sample W-607 from VOA vial W-607C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@54' / Lab ID: TT061720-W-607. 1123 Inject.  
1130 Remove 0.25 ml GW sample W-608 from VOA vial W-608C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@53' / Lab ID: TT061720-W-608. 1140 Inject.  
1147 Remove 0.25 ml GW sample W-609 from VOA vial W-609C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DPT569@52' / Lab ID: TT061720-W-609. 1157 Inject.  
1203 Remove 0.25 ml GW sample W-610 from VOA vial W-610C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DRUM-220288 / Lab ID: TT061720-W-610. 1213 Inject.  
1220 Remove 0.25 ml GW sample W-610 from VOA vial W-610C-2. Add 100NG Int/surr stds. Load onto PT-1. FN: CCF-DRUM-220288 / Lab ID: TT061720-W-610MS. 1230 Inject.  
1237 Remove 0.25 ml GW sample W-611 from VOA vial W-611C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DRUM-220289 / Lab ID: TT061720-W-611. 1247 Inject.  
1252 Remove 0.5 ml GW sample W-612 from VOA vial W-612C-1. Add Int/surr stds. Load onto PT-1. FN: CCF-DRUM-220290 / Lab ID: TT061720-W-612. 1302 Inject.  
1315 Discard samples in IDW drum.

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Sampler / Company On-site: Chuck Sorden - Tetratech

Delays: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 7/24-25/2020

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Signature: \_\_\_\_\_

*Dale Sharp*

Important phone calls / Changes:



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 45         |               | UG/L  |
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 320        |               | UG/L  |
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-025.0-20200702 | GW     | 07/02/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.6      |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.1      |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 86.6       |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 97.6       |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100.9      |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 95.3       |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 104.0      |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 91.2       |               | %     |
| LC34-DPT0811-034.0-20200702 | GW     | 07/02/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 116.9      |               | %     |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.6      |               | %     |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0811-038.0-20200702 | GW     | 07/02/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.1      |               | %     |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 59         |               | UG/L  |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.1      |               | %     |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 240        |               | UG/L  |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 550        |               | UG/L  |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.5      |               | %     |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 450        |               | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 4          |               | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 15         |               | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1800       | J             | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.0      |               | %     |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 390        |               | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 13         |               | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1700       | J             | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0812-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 112.7      |               | %     |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 21         |               | UG/L  |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 200        |               | UG/L  |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.7      |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 114.1      |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 98.7       |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 110.2      |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 113.1      |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 105.1      |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 105.9      |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 99.9       |               | %     |
| LC34-DPT0812-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.6      |               | %     |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0812-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.3      |               | %     |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 16         |               | UG/L  |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 33         |               | UG/L  |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.2      |               | %     |
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 43         |               | UG/L  |
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 92         |               | UG/L  |
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0813-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.1      |               | %     |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 440        |               | UG/L  |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.2      |               | %     |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 510        |               | UG/L  |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 34         |               | UG/L  |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1300       |               | UG/L  |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0813-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.1      |               | %     |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 63         |               | UG/L  |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0813-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.8      |               | %     |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0813-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.9      |               | %     |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 50         |               | UG/L  |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 42         |               | UG/L  |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-008.0-20200706 | GW     | 07/06/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.2      |               | %     |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 200        |               | UG/L  |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 280        |               | UG/L  |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0814-013.0-20200706 | GW     | 07/06/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.7      |               | %     |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 59         |               | UG/L  |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 14         |               | UG/L  |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-018.0-20200706 | GW     | 07/06/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 114.7      |               | %     |
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 16         |               | UG/L  |
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 30         |               | UG/L  |
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-025.0-20200706 | GW     | 07/06/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.2      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.8      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 91.9       |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 115.0      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 121.1      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 115.6      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110.0      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100.6      |               | %     |
| LC34-DPT0814-034.0-20200706 | GW     | 07/06/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.3      |               | %     |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.4      |               | %     |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0814-038.0-20200706 | GW     | 07/06/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.6      |               | %     |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.1      |               | %     |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 140        |               | UG/L  |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.2      |               | %     |
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 640        |               | UG/L  |
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1300       |               | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 112.3      |               | %     |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 41         |               | UG/L  |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1500       |               | UG/L  |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0815-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.0      |               | %     |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.8      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.4      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 94.8       |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 104.5      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 105.4      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 102.6      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 107.5      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 101.2      |               | %     |
| LC34-DPT0815-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.8      |               | %     |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 250        |               | UG/L  |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0816-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.2      |               | %     |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 270        |               | UG/L  |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 750        |               | UG/L  |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.2      |               | %     |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 610        |               | UG/L  |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 54         |               | UG/L  |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2000       |               | UG/L  |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0816-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.7      |               | %     |
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 22         |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 570        |               | UG/L  |
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0816-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.8      |               | %     |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.2      |               | %     |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0816-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.8      |               | %     |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.0      |               | %     |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 56         |               | UG/L  |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 48         |               | UG/L  |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.0      |               | %     |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 540        |               | UG/L  |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 12         |               | UG/L  |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 830        |               | UG/L  |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0817-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.2      |               | %     |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 44         |               | UG/L  |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5700       |               | UG/L  |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0817-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.7      |               | %     |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 19         |               | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 450        |               | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.1      |               | %     |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 17         |               | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 430        |               | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0817-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.1      |               | %     |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0817-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.1      |               | %     |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.7      |               | %     |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 140        |               | UG/L  |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 91         |               | UG/L  |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.6      |               | %     |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0818-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.3      |               | %     |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7000       |               | UG/L  |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 58         |               | UG/L  |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5100       |               | UG/L  |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0818-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.8      |               | %     |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         |               | UG/L  |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 670        |               | UG/L  |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0818-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.3      |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.9      |               | %     |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0818-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.7      |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.9      |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 95.3       |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 101.1      |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 106.9      |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 103.3      |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 109.5      |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 99.5       |               | %     |
| LC34-DPT0819-008.0-20200707 | GW     | 07/07/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.4      |               | %     |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-013.0-20200707 | GW     | 07/07/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.7      |               | %     |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 620        |               | UG/L  |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 390        |               | UG/L  |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-018.0-20200707 | GW     | 07/07/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.3      |               | %     |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5700       |               | UG/L  |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2400       |               | UG/L  |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0819-025.0-20200707 | GW     | 07/07/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.8      |               | %     |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 22         |               | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 780        |               | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.2      |               | %     |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 21         |               | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 810        |               | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0819-034.0-20200707 | GW     | 07/07/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.6      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.6      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 97.9       |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 104.7      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 114.6      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 106.5      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 105.2      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 118.5      |               | %     |
| LC34-DPT0819-038.0-20200707 | GW     | 07/07/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.0      |               | %     |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 150        |               | UG/L  |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 150        |               | UG/L  |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.1      |               | %     |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 160        |               | UG/L  |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 54         |               | UG/L  |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.4      |               | %     |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 800        |               | UG/L  |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 63         |               | UG/L  |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2900       |               | UG/L  |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0820-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.5      |               | %     |
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 150        |               | UG/L  |
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 9          |               | UG/L  |
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 930        |               | UG/L  |
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0820-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.1      |               | %     |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.1      |               | %     |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0820-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.5      |               | %     |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 64         |               | UG/L  |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 57         |               | UG/L  |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.6      |               | %     |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 500        |               | UG/L  |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 6          |               | UG/L  |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 520        |               | UG/L  |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0821-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.9      |               | %     |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 810        |               | UG/L  |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3000       |               | UG/L  |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0821-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.2      |               | %     |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 37         |               | UG/L  |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1100       |               | UG/L  |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0821-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.2      |               | %     |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.1      |               | %     |
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0821-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.8      |               | %     |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 38         |               | UG/L  |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 63         |               | UG/L  |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.4      |               | %     |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 460        |               | UG/L  |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 9          |               | UG/L  |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 550        |               | UG/L  |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0822-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.8      |               | %     |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1100       |               | UG/L  |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 25         |               | UG/L  |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2100       |               | UG/L  |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0822-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 360        |               | UG/L  |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 26         |               | UG/L  |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1300       |               | UG/L  |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0822-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0822-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.6      |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.4      |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 87.5       |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 97.5       |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 105.9      |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 99.7       |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 102.7      |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 93.8       |               | %     |
| LC34-DPT0823-008.0-20200708 | GW     | 07/08/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 110        |               | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 62         |               | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.6      |               | %     |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 110        |               | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 63         |               | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0823-013.0-20200708 | GW     | 07/08/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 112.4      |               | %     |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1700       |               | UG/L  |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 13         |               | UG/L  |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 510        |               | UG/L  |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0823-018.0-20200708 | GW     | 07/08/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.4      |               | %     |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1000       |               | UG/L  |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 55         |               | UG/L  |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3600       |               | UG/L  |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0823-025.0-20200708 | GW     | 07/08/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.4      |               | %     |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4200       |               | UG/L  |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0823-034.0-20200708 | GW     | 07/08/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.5      |               | %     |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 170        |               | UG/L  |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0823-038.0-20200708 | GW     | 07/08/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.9      |               | %     |
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 65         |               | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 27         |               | UG/L  |
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.9      |               | %     |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 87         |               | UG/L  |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 43         |               | UG/L  |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.4      |               | %     |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1800       |               | UG/L  |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0824-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.9      |               | %     |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 660        |               | UG/L  |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 27         |               | UG/L  |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 980        |               | UG/L  |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0824-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.9      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.2      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 91.6       |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 102.3      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 106.3      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 103.8      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 107.0      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100.2      |               | %     |
| LC34-DPT0824-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.1      |               | %     |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0824-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.7      |               | %     |
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 12         |               | UG/L  |
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.3      |               | %     |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 38         |               | UG/L  |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.8      |               | %     |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 400        |               | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.5      |               | %     |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2400       |               | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 460        |               | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0825-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.0      |               | %     |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          |               | UG/L  |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 31         |               | UG/L  |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2400       |               | UG/L  |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.9      |               | %     |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 12         |               | UG/L  |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 350        |               | UG/L  |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0825-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.1      |               | %     |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0825-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.7      |               | %     |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 29         |               | UG/L  |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6          |               | UG/L  |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.9      |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 110        |               | UG/L  |
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 12         |               | UG/L  |
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.7      |               | %     |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4100       |               | UG/L  |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 50         |               | UG/L  |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1600       |               | UG/L  |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.5      |               | %     |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3700       |               | UG/L  |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0826-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.6      |               | %     |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 47         |               | UG/L  |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.7      |               | %     |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0826-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.6      |               | %     |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 17         |               | UG/L  |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.1      |               | %     |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 25         |               | UG/L  |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 200        |               | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.4      |               | %     |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2100       |               | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 190        |               | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0827-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.1      |               | %     |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5700       |               | UG/L  |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7500       |               | UG/L  |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0827-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.9      |               | %     |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 76         |               | UG/L  |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0827-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.9      |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.5      |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 91.4       |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 103.5      |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 106.3      |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100.5      |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100.8      |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 96.5       |               | %     |
| LC34-DPT0827-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.4      |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 29         |               | UG/L  |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.0      |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 81.1       |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 101.4      |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 111.4      |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 105.7      |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 112.0      |               | %     |
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 101.6      |               | %     |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0828-008.0-20200709 | GW     | 07/09/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.1      |               | %     |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 510        |               | UG/L  |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 58         |               | UG/L  |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0828-013.0-20200709 | GW     | 07/09/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.6      |               | %     |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 9300       |               | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7100       |               | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.0      |               | %     |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8100       |               | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7200       |               | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0828-018.0-20200709 | GW     | 07/09/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 112.9      |               | %     |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7400       |               | UG/L  |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 200        | U             | UG/L  |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 200        | U             | UG/L  |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 200        | U             | UG/L  |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11300      |               | UG/L  |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 200        | U             | UG/L  |
| LC34-DPT0828-025.0-20200709 | GW     | 07/09/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.3      |               | %     |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 190        |               | UG/L  |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1600       | J             | UG/L  |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0828-034.0-20200709 | GW     | 07/09/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.7      |               | %     |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0828-038.0-20200709 | GW     | 07/09/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.4      |               | %     |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 17         |               | UG/L  |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.4      |               | %     |
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 64         |               | UG/L  |
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0829-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.2      |               | %     |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1000       | J             | UG/L  |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 14         |               | UG/L  |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8000       |               | UG/L  |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 52         |               | UG/L  |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1700       |               | UG/L  |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0829-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.3      |               | %     |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1000       |               | UG/L  |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3900       |               | UG/L  |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0829-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 112.4      |               | %     |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 71         |               | UG/L  |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1900       | J             | UG/L  |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0829-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.0      |               | %     |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 115.2      |               | %     |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 17         |               | UG/L  |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.0      |               | %     |
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 610        |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0830-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.5      |               | %     |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2900       |               | UG/L  |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 74         |               | UG/L  |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3100       |               | UG/L  |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0830-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 310        |               | UG/L  |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.0      |               | %     |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0830-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.9      |               | %     |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-008.0-20200710 | GW     | 07/10/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.4      |               | %     |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 25         |               | UG/L  |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-013.0-20200710 | GW     | 07/10/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.1      |               | %     |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 700        | J             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 18         |               | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 190        |               | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.7       |               | %     |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 870        |               | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 16         |               | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 190        |               | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0831-018.0-20200710 | GW     | 07/10/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.4       |               | %     |
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2800       |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 48         |               | UG/L  |
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2200       |               | UG/L  |
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0831-025.0-20200710 | GW     | 07/10/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.8       |               | %     |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 12         |               | UG/L  |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 310        |               | UG/L  |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-034.0-20200710 | GW     | 07/10/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.4       |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.1       |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 90.1       |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 103.8      |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100.6      |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 101.0      |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 96.4       |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 88.8       |               | %     |
| LC34-DPT0831-038.0-20200710 | GW     | 07/10/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.5      |               | %     |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 14         |               | UG/L  |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.3      |               | %     |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 92         |               | UG/L  |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11         |               | UG/L  |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.5      |               | %     |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 670        |               | UG/L  |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 84         |               | UG/L  |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.2      |               | %     |
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2600       |               | UG/L  |
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2200       |               | UG/L  |
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0832-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.7      |               | %     |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 34         |               | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1300       | J             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.1      |               | %     |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 37         |               | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0832-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.1      |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.9      |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 91.9       |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 97.8       |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 98.5       |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 98.8       |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 92.2       |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 91.4       |               | %     |
| LC34-DPT0832-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.9      |               | %     |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 9          |               | UG/L  |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.3       |               | %     |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 770        |               | UG/L  |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 380        |               | UG/L  |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0833-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.4      |               | %     |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1500       |               | UG/L  |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 23         |               | UG/L  |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0833-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.3      |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 55         |               | UG/L  |
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 200        |               | UG/L  |
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0833-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.3      |               | %     |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.8      |               | %     |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0833-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.3      |               | %     |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 18         |               | UG/L  |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 22         |               | UG/L  |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-008.0-20200713 | GW     | 07/13/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.2      |               | %     |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 58         |               | UG/L  |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 60         |               | UG/L  |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-013.0-20200713 | GW     | 07/13/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.8      |               | %     |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 62         |               | UG/L  |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 73         |               | UG/L  |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-018.0-20200713 | GW     | 07/13/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.3      |               | %     |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 760        |               | UG/L  |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 14         |               | UG/L  |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0712-025.0-20200713 | GW     | 07/13/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.4      |               | %     |
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3100       |               | UG/L  |
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0712-034.0-20200713 | GW     | 07/13/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.0      |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 6          |               | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 390        | J             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.4      |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 430        |               | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.5      |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 74.0       |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 97.8       |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 105.4      |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 95.6       |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 80.7       |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 107.7      |               | %     |
| LC34-DPT0712-038.0-20200713 | GW     | 07/13/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.5      |               | %     |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 29         |               | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 38         |               | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.8      |               | %     |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 35         |               | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 43         |               | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.0      |               | %     |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 560        |               | UG/L  |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0834-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.2      |               | %     |
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 210        |               | UG/L  |
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 14100      |               | UG/L  |
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0834-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.0      |               | %     |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4600       |               | UG/L  |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 8300       |               | UG/L  |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0834-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.1      |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 18         |               | UG/L  |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 78.1       |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 97.2       |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 106.2      |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 98.6       |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 94.3       |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 88.9       |               | %     |
| LC34-DPT0834-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.0      |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.4      |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 93.4       |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 95.6       |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100.8      |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 98.4       |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 96.5       |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 90.4       |               | %     |
| LC34-DPT0834-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.8      |               | %     |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 43         |               | UG/L  |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.9      |               | %     |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 58         |               | UG/L  |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 130        |               | UG/L  |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.9      |               | %     |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 13         |               | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         |               | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 370        |               | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 11         |               | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 8          |               | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 370        |               | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0835-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.7      |               | %     |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 230        |               | UG/L  |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 30         |               | UG/L  |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 870        | J             | UG/L  |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.4      |               | %     |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 740        |               | UG/L  |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0835-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.5      |               | %     |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0835-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.9      |               | %     |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         |               | UG/L  |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 6          |               | UG/L  |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 360        |               | UG/L  |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.6      |               | %     |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 750        |               | UG/L  |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.9      |               | %     |
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 500        |               | UG/L  |
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 780        |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0836-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.8      |               | %     |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 100        |               | UG/L  |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 130        |               | UG/L  |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.1      |               | %     |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.1      |               | %     |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0836-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.2      |               | %     |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          |               | UG/L  |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.9      |               | %     |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.8      |               | %     |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 170        |               | UG/L  |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 27         |               | UG/L  |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.5      |               | %     |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 24         |               | UG/L  |
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0512-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.6      |               | %     |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 36         |               | UG/L  |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 17         |               | UG/L  |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-008.0-20200715 | GW     | 07/15/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.6      |               | %     |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 57         |               | UG/L  |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-013.0-20200715 | GW     | 07/15/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.1      |               | %     |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 600        |               | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 980        |               | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.6      |               | %     |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 570        |               | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 980        |               | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0837-018.0-20200715 | GW     | 07/15/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.9      |               | %     |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 24         |               | UG/L  |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 370        |               | UG/L  |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0837-025.0-20200715 | GW     | 07/15/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.4      |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.5      |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 88.2       |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 101.3      |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 106.3      |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100.1      |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100.9      |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 121.5      |               | %     |
| LC34-DPT0837-034.0-20200715 | GW     | 07/15/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.7      |               | %     |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0837-038.0-20200715 | GW     | 07/15/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.0       |               | %     |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         |               | UG/L  |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 22         |               | UG/L  |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.3      |               | %     |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 360        |               | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 260        |               | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.8      |               | %     |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 330        |               | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 250        |               | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0838-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.5      |               | %     |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 290        |               | UG/L  |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 290        |               | UG/L  |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0838-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.5      |               | %     |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 13         |               | UG/L  |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 25         |               | UG/L  |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.7       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.4      |               | %     |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 82.8       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 94.6       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 98.6       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 92.6       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 96.0       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 88.9       |               | %     |
| LC34-DPT0838-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.5      |               | %     |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 22         |               | UG/L  |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.5      |               | %     |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 16         |               | UG/L  |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.5      |               | %     |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.8      |               | %     |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.7      |               | %     |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 25         |               | UG/L  |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.1      |               | %     |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 80         |               | UG/L  |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0839-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.4      |               | %     |
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4          |               | UG/L  |
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.4      |               | %     |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 22         |               | UG/L  |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 440        |               | UG/L  |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 43         |               | UG/L  |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0840-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.7      |               | %     |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 270        |               | UG/L  |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0840-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.6      |               | %     |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 110.0      |               | %     |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0840-038.0-20200716 | GW     | 07/16/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.0       |               | %     |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.5      |               | %     |
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 37         |               | UG/L  |
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 27         |               | UG/L  |
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0841-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.6      |               | %     |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.2      |               | %     |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.9      |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 82.7       |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 91.3       |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 90.3       |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 92.7       |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 94.8       |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 85.2       |               | %     |
| LC34-DPT0841-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.6       |               | %     |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 25         |               | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 36         |               | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.1      |               | %     |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 26         |               | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 36         |               | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-008.0-20200716 | GW     | 07/16/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.5      |               | %     |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-013.0-20200716 | GW     | 07/16/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.4       |               | %     |
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-018.0-20200716 | GW     | 07/16/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-025.0-20200716 | GW     | 07/16/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.7       |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 90.5       |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 99.0       |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 106.3      |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 97.6       |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 102.6      |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 94.1       |               | %     |
| LC34-DPT0842-034.0-20200716 | GW     | 07/16/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.1      |               | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 25         |               | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6          |               | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 88.3       |               | %     |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         |               | UG/L  |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.7       |               | %     |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8          |               | UG/L  |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.5       |               | %     |
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 65         |               | UG/L  |
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 36         |               | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.4      |               | %     |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0843-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.3      |               | %     |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 9          |               | UG/L  |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.6       |               | %     |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 11         |               | UG/L  |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.6       |               | %     |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 52         |               | UG/L  |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 31         |               | UG/L  |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.6      |               | %     |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3000       |               | UG/L  |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11         |               | UG/L  |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.5       |               | %     |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 220        |               | UG/L  |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6          |               | UG/L  |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0844-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.9       |               | %     |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 8          |               | UG/L  |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.8      |               | %     |
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 74         |               | UG/L  |
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.1      |               | %     |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2600       |               | UG/L  |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 160        |               | UG/L  |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11700      |               | UG/L  |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0845-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.4      |               | %     |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 8700       |               | UG/L  |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10300      |               | UG/L  |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0845-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.6      |               | %     |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 580        | J             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.2       |               | %     |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 620        |               | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0845-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.2       |               | %     |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.9       |               | %     |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 10         |               | UG/L  |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.2       |               | %     |
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1900       |               | UG/L  |
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0846-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.9      |               | %     |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 18700      |               | UG/L  |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 9400       |               | UG/L  |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0846-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.7      |               | %     |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2500       |               | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4400       |               | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.8       |               | %     |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2500       |               | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4400       |               | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0846-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.7      |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 13         |               | UG/L  |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.1       |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 79.3       |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 96.2       |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 99.2       |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 96.8       |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 101.8      |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 99.1       |               | %     |
| LC34-DPT0846-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.6      |               | %     |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-008.0-20200717 | GW     | 07/17/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.0       |               | %     |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 77         |               | UG/L  |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11         |               | UG/L  |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-013.0-20200717 | GW     | 07/17/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.6      |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 42         |               | UG/L  |
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0847-018.0-20200717 | GW     | 07/17/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.5       |               | %     |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 18300      |               | UG/L  |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 280        |               | UG/L  |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-025.0-20200717 | GW     | 07/17/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.6      |               | %     |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 12100      |               | UG/L  |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 100        | U             | UG/L  |
| LC34-DPT0847-034.0-20200717 | GW     | 07/17/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.4      |               | %     |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 500        | J             | UG/L  |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 8          |               | UG/L  |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0847-038.0-20200717 | GW     | 07/17/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 24         |               | UG/L  |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 32         |               | UG/L  |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.8       |               | %     |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 85         |               | UG/L  |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 130        |               | UG/L  |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.9       |               | %     |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 270        |               | UG/L  |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 560        |               | UG/L  |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0848-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 92.1       |               | %     |
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 65         |               | UG/L  |
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0848-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.9       |               | %     |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 12         |               | UG/L  |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 280        |               | UG/L  |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0848-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.0      |               | %     |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0848-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 89.7       |               | %     |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 29         |               | UG/L  |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 47         |               | UG/L  |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.1      |               | %     |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 200        |               | UG/L  |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0849-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.4      |               | %     |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 640        |               | UG/L  |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1000       |               | UG/L  |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0849-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.8       |               | %     |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3600       |               | UG/L  |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 420        |               | UG/L  |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0849-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.0      |               | %     |
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 19         |               | UG/L  |
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 14         |               | UG/L  |
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0849-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.4       |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.1       |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 89.4       |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 99.5       |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 101.1      |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 99.1       |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 103.5      |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 93.1       |               | %     |
| LC34-DPT0849-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.0      |               | %     |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         |               | UG/L  |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 33         |               | UG/L  |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.4       |               | %     |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 200        |               | UG/L  |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0850-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.0       |               | %     |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 830        |               | UG/L  |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2300       |               | UG/L  |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.0      |               | %     |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2800       |               | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.7       |               | %     |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 130        |               | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2900       |               | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0850-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.4      |               | %     |
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2          |               | UG/L  |
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.4       |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.6      |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 86.1       |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 104.9      |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 109.3      |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 101.3      |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 113.4      |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 103.4      |               | %     |
| LC34-DPT0850-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.0      |               | %     |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 14         |               | UG/L  |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 29         |               | UG/L  |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-008.0-20200720 | GW     | 07/20/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.8      |               | %     |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 300        |               | UG/L  |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          |               | UG/L  |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 430        |               | UG/L  |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0716-013.0-20200720 | GW     | 07/20/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1100       |               | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1800       |               | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.0      |               | %     |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1800       |               | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0716-018.0-20200720 | GW     | 07/20/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.1      |               | %     |
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2000       |               | UG/L  |
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 55         |               | UG/L  |
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2000       |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| LC34-DPT0716-025.0-20200720 | GW     | 07/20/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.3      |               | %     |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 340        | J             | UG/L  |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 120        |               | UG/L  |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-034.0-20200720 | GW     | 07/20/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.9      |               | %     |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0716-038.0-20200720 | GW     | 07/20/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.0      |               | %     |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 100        |               | UG/L  |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 42         |               | UG/L  |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 95         |               | UG/L  |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 49         |               | UG/L  |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.5      |               | %     |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 380        |               | UG/L  |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 320        |               | UG/L  |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0711-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 112.7      |               | %     |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1700       |               | UG/L  |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 22         |               | UG/L  |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2000       |               | UG/L  |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.4      |               | %     |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 640        |               | UG/L  |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0711-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.7      |               | %     |
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 17         |               | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 180        |               | UG/L  |
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0711-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.0      |               | %     |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 48         |               | UG/L  |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 27         |               | UG/L  |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.9      |               | %     |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 82         |               | UG/L  |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 55         |               | UG/L  |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.5      |               | %     |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 410        |               | UG/L  |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 340        |               | UG/L  |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0710-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.7      |               | %     |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 23         |               | UG/L  |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2200       |               | UG/L  |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.2      |               | %     |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2400       |               | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 44         |               | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.1      |               | %     |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2400       |               | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 37         |               | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0710-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.8      |               | %     |
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 180        |               | UG/L  |
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 9          |               | UG/L  |
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0710-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 125.3      |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 6          |               | UG/L  |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4          |               | UG/L  |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 126.2      |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 85.8       |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 88.7       |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100.6      |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 93.7       |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 79.6       |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 92.1       |               | %     |
| LC34-DPT0851-008.0-20200721 | GW     | 07/21/2020  | 6         | 10           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.4      |               | %     |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 77         |               | UG/L  |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 18         |               | UG/L  |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-013.0-20200721 | GW     | 07/21/2020  | 11        | 15           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 113.2      |               | %     |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 580        | J             | UG/L  |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 8          |               | UG/L  |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 48         |               | UG/L  |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0851-018.0-20200721 | GW     | 07/21/2020  | 16        | 20           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.1      |               | %     |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10400      | J             | UG/L  |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 57         |               | UG/L  |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1100       |               | UG/L  |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-025.0-20200721 | GW     | 07/21/2020  | 23        | 27           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.9      |               | %     |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 4000       |               | UG/L  |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0851-034.0-20200721 | GW     | 07/21/2020  | 32        | 36           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.4      |               | %     |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 560        |               | UG/L  |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0851-038.0-20200721 | GW     | 07/21/2020  | 36        | 40           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.7      |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 18         |               | UG/L  |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 8          |               | UG/L  |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 76.4       |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 97.7       |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 103.4      |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 95.5       |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 98.4       |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 97.6       |               | %     |
| LC34-DPT0852-016.0-20200721 | GW     | 07/21/2020  | 14        | 18           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.7      |               | %     |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 310        | J             | UG/L  |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 39         |               | UG/L  |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-021.0-20200721 | GW     | 07/21/2020  | 19        | 23           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.1      |               | %     |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 2800       | J             | UG/L  |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 30         |               | UG/L  |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 590        |               | UG/L  |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0852-026.0-20200721 | GW     | 07/21/2020  | 24        | 28           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.7      |               | %     |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1100       |               | UG/L  |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2000       |               | UG/L  |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0852-033.0-20200721 | GW     | 07/21/2020  | 31        | 35           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 85         |               | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 690        |               | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.8      |               | %     |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 75         |               | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 680        |               | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| LC34-DPT0852-042.0-20200721 | GW     | 07/21/2020  | 40        | 44           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 109.4      |               | %     |
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0852-046.0-20200721 | GW     | 07/21/2020  | 44        | 48           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.7      |               | %     |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.1      |               | %     |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 16         |               | UG/L  |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.2      |               | %     |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 590        |               | UG/L  |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 520        |               | UG/L  |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| LC34-DPT0853-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.5      |               | %     |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1400       |               | UG/L  |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1200       |               | UG/L  |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| LC34-DPT0853-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.6       |               | %     |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 7          |               | UG/L  |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 59         |               | UG/L  |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2          | U             | UG/L  |
| LC34-DPT0853-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.7       |               | %     |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0853-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.7       |               | %     |
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                      | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|-----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| LC34-DPT0854-016.0-20200722 | GW     | 07/22/2020  | 14        | 18           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.3      |               | %     |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 70         |               | UG/L  |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          |               | UG/L  |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 44         |               | UG/L  |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-021.0-20200722 | GW     | 07/22/2020  | 19        | 23           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 102.1      |               | %     |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 320        |               | UG/L  |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 9          |               | UG/L  |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 260        |               | UG/L  |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| LC34-DPT0854-026.0-20200722 | GW     | 07/22/2020  | 24        | 28           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.2       |               | %     |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         |               | UG/L  |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 32         |               | UG/L  |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-033.0-20200722 | GW     | 07/22/2020  | 31        | 35           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 111.2      |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 107.2      |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 87.1       |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 95.7       |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 109.0      |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 93.9       |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 91.4       |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 94.0       |               | %     |
| LC34-DPT0854-042.0-20200722 | GW     | 07/22/2020  | 40        | 44           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.6       |               | %     |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| LC34-DPT0854-046.0-20200722 | GW     | 07/22/2020  | 44        | 48           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 108.2      |               | %     |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 910        |               | UG/L  |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 110        |               | UG/L  |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0578-020.0-20200722  | GW     | 07/22/2020  | 18        | 22           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.0      |               | %     |
| CCF-DPT0578-030.0-20200722  | GW     | 07/22/2020  | 28        | 32           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 120        |               | UG/L  |
| CCF-DPT0578-030.0-20200722  | GW     | 07/22/2020  | 28        | 32           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100        |               | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.1      |               | %     |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 110        |               | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 2          | U             | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 100        |               | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 13         |               | UG/L  |
| CCF-DPT0578-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 106.7      |               | %     |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 21         |               | UG/L  |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 3          |               | UG/L  |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0578-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 104.0      |               | %     |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 2          |               | UG/L  |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2          |               | UG/L  |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-020.0-20200722 | GW     | 07/22/2020  | 18        | 22           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.2       |               | %     |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 14         |               | UG/L  |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 73         |               | UG/L  |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-030.0-20200722 | GW     | 07/22/2020  | 28        | 32           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.0      |               | %     |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5          |               | UG/L  |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-040.0-20200722 | GW     | 07/22/2020  | 38        | 42           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.0      |               | %     |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 650        |               | UG/L  |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 320        |               | UG/L  |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 28         |               | UG/L  |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 150        |               | UG/L  |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0578-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.4       |               | %     |
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 30         |               | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0579-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 92.9       |               | %     |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          |               | UG/L  |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 260        |               | UG/L  |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 91.2       |               | %     |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2000       |               | UG/L  |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0580-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.5      |               | %     |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 230        |               | UG/L  |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 18         |               | UG/L  |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0580-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 92.3       |               | %     |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0580-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.6       |               | %     |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 48         |               | UG/L  |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-010.0-20200723 | GW     | 07/23/2020  | 8         | 12           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.6       |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 11         |               | UG/L  |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.8       |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 100.3      |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 105.4      |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 103.3      |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 101.0      |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 94.1       |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 93.3       |               | %     |
| CCF-DPT0581-020.0-20200723 | GW     | 07/23/2020  | 18        | 22           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.9       |               | %     |
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-030.0-20200723 | GW     | 07/23/2020  | 28        | 32           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.5      |               | %     |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0581-040.0-20200723 | GW     | 07/23/2020  | 38        | 42           | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.3       |               | %     |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          |               | UG/L  |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 7          |               | UG/L  |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 720        |               | UG/L  |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0568-060.0-20200723 | GW     | 07/23/2020  | 59.5      | 60.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.3       |               | %     |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 4000       |               | UG/L  |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0568-059.0-20200723 | GW     | 07/23/2020  | 58.5      | 59.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.1       |               | %     |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6900       |               | UG/L  |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1          | U             | UG/L  |
| CCF-DPT0568-058.0-20200723 | GW     | 07/23/2020  | 57.5      | 58.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.3       |               | %     |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 44         |               | UG/L  |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 15000      | J             | UG/L  |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-057.0-20200723 | GW     | 07/23/2020  | 56.5      | 57.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.2       |               | %     |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 30000      |               | UG/L  |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2200       |               | UG/L  |
| CCF-DPT0568-056.0-20200723 | GW     | 07/23/2020  | 55.5      | 56.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.8       |               | %     |
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |



## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 31000      |               | UG/L  |
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 46000      |               | UG/L  |
| CCF-DPT0568-055.0-20200723 | GW     | 07/23/2020  | 54.5      | 55.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.8       |               | %     |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 17000      |               | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 24000      |               | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 103.5      |               | %     |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 17000      |               | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 25000      |               | UG/L  |
| CCF-DPT0568-054.0-20200723 | GW     | 07/23/2020  | 53.5      | 54.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 105.8      |               | %     |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 16000      |               | UG/L  |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 18700      |               | UG/L  |
| CCF-DPT0568-053.0-20200723 | GW     | 07/23/2020  | 52.5      | 53.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.0       |               | %     |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 100        | U             | UG/L  |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7300       |               | UG/L  |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 8700       |               | UG/L  |
| CCF-DPT0568-052.0-20200723 | GW     | 07/23/2020  | 51.5      | 52.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.5       |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 81         |               | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 101.3      |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 67         |               | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 89.5       |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 126.7      |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 119.9      |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 122.9      |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 107.8      |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 95.5       |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 96.9       |               | %     |
| CCF-DPT0570-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.8       |               | %     |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 290        |               | UG/L  |
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0570-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.6       |               | %     |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 11         |               | UG/L  |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 4          |               | UG/L  |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 679        |               | UG/L  |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0570-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.0       |               | %     |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1600       |               | UG/L  |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.4       |               | %     |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2800       |               | UG/L  |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1100       |               | UG/L  |
| CCF-DPT0570-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.4       |               | %     |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1300       |               | UG/L  |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3400       |               | UG/L  |
| CCF-DPT0570-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 98.2       |               | %     |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 440        |               | UG/L  |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1900       |               | UG/L  |
| CCF-DPT0570-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 99.4       |               | %     |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 300        |               | UG/L  |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 1800       |               | UG/L  |
| CCF-DPT0570-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.2       |               | %     |
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 140        |               | UG/L  |
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 2100       |               | UG/L  |
| CCF-DPT0570-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.0       |               | %     |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 35         |               | UG/L  |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 100.6      |               | %     |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 180        |               | UG/L  |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0553-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 96.4       |               | %     |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 680        |               | UG/L  |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0553-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 97.0       |               | %     |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2500       |               | UG/L  |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 20         | U             | UG/L  |
| CCF-DPT0553-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.3       |               | %     |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 17200      |               | UG/L  |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.9       |               | %     |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 49400      |               | UG/L  |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 92.9       |               | %     |
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 64800      |               | UG/L  |
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 400        | U             | UG/L  |

## Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0553-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 93.0       |               | %     |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 69000      |               | UG/L  |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 400        | U             | UG/L  |
| CCF-DPT0553-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.5       |               | %     |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 200        | U             | UG/L  |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 200        | U             | UG/L  |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 200        | U             | UG/L  |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 200        | U             | UG/L  |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 35500      |               | UG/L  |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 200        | U             | UG/L  |
| CCF-DPT0553-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 92.3       |               | %     |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 190        |               | UG/L  |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-060.0-20200724 | GW     | 07/24/2020  | 59.5      | 60.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 93.0       |               | %     |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 340        |               | UG/L  |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 3          | U             | UG/L  |
| CCF-DPT0569-059.0-20200724 | GW     | 07/24/2020  | 58.5      | 59.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 92.9       |               | %     |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 820        |               | UG/L  |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 5          | U             | UG/L  |
| CCF-DPT0569-058.0-20200724 | GW     | 07/24/2020  | 57.5      | 58.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 93.1       |               | %     |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1200       |               | UG/L  |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-057.0-20200724 | GW     | 07/24/2020  | 56.5      | 57.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 88.4       |               | %     |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 1800       |               | UG/L  |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 10         | U             | UG/L  |
| CCF-DPT0569-056.0-20200724 | GW     | 07/24/2020  | 55.5      | 56.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 93.9       |               | %     |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |



Analytical Labs of Florida, Inc. - July 2020 DPT Results

| Sample                     | Matrix | Sample Date | Top Depth | Bottom Depth | Sample Delivery Group | Parameter                      | CAS       | Analysis Method | Lab Result | Lab Qualifier | Units |
|----------------------------|--------|-------------|-----------|--------------|-----------------------|--------------------------------|-----------|-----------------|------------|---------------|-------|
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6100       |               | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 94.4       |               | %     |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 6200       |               | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-055.0-20200724 | GW     | 07/24/2020  | 54.5      | 55.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 90.0       |               | %     |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 50         | U             | UG/L  |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 50         | U             | UG/L  |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 50         | U             | UG/L  |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 50         | U             | UG/L  |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 7700       |               | UG/L  |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 50         | U             | UG/L  |
| CCF-DPT0569-054.0-20200724 | GW     | 07/24/2020  | 53.5      | 54.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 95.4       |               | %     |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 5900       |               | UG/L  |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-053.0-20200724 | GW     | 07/24/2020  | 52.5      | 53.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 93.5       |               | %     |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | VINYL CHLORIDE                 | 75-01-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | 1,1-DICHLOROETHENE             | 75-35-4   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | 1,1,2-TRICHLOROTRIFLOUROETHANE | 76-13-1   | 8260D           | 130        |               | UG/L  |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | TRANS-1,2-DICHLOROETHENE       | 156-60-5  | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | CIS-1,2-DICHLOROETHENE         | 156-59-2  | 8260D           | 2200       |               | UG/L  |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | TRICHLOROETHENE                | 79-01-6   | 8260D           | 40         | U             | UG/L  |
| CCF-DPT0569-052.0-20200724 | GW     | 07/24/2020  | 51.5      | 52.5         | TT070620              | DIBROMOFLUOROMETHANE           | 1868-53-7 | 8260D           | 91.6       |               | %     |

**APPENDIX D**  
**SEPTEMBER 2021 KSCRT MEETING MINUTES**

This appendix will be updated with the September 2021 KSCRT Meeting Minutes when they become available.

**APPENDIX E**  
**EQUIPMENT SPECIFICATIONS AND CUTSHEETS**



# Atlas Copco

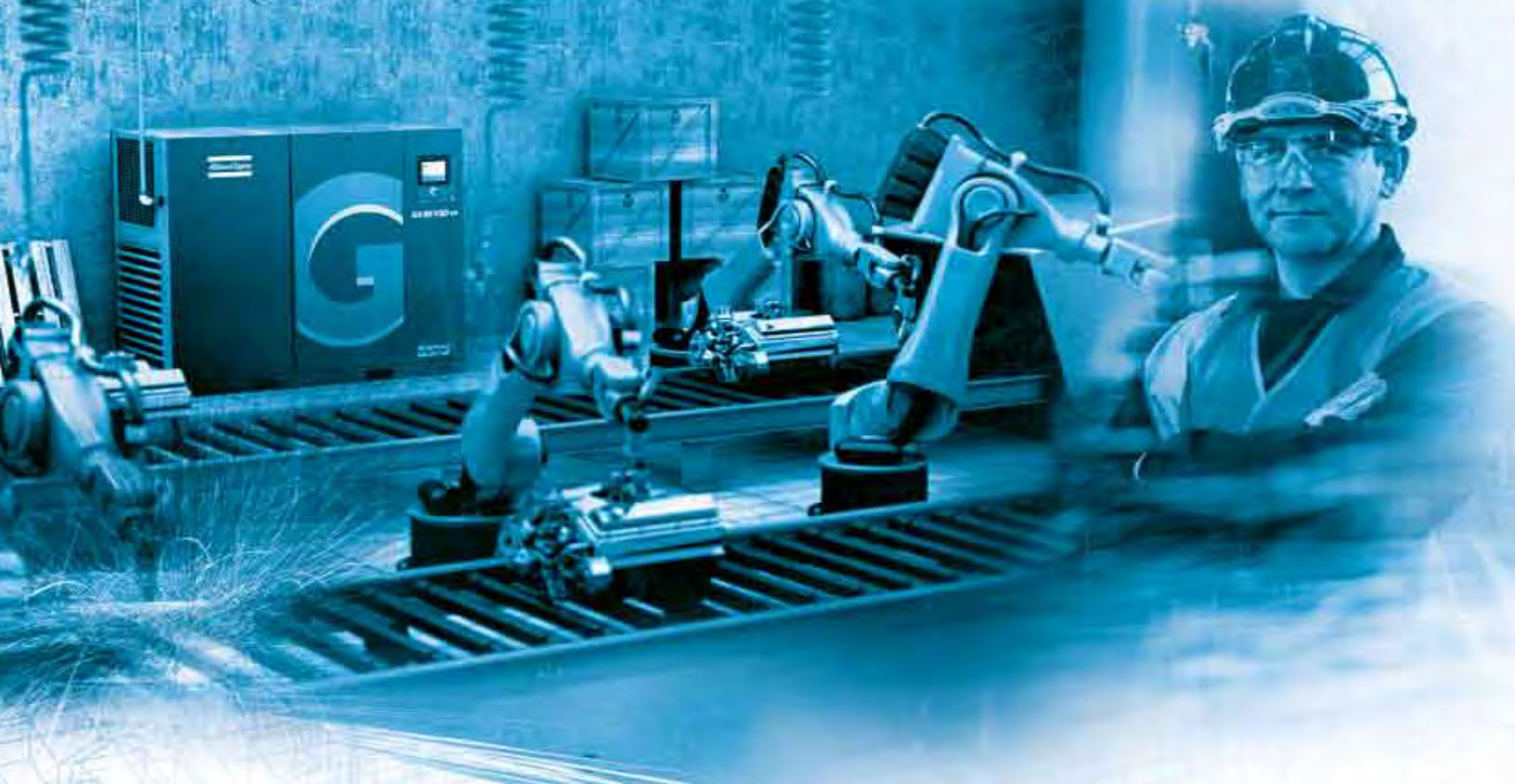
Oil-injected Rotary Screw Compressors

GA 30+-90/GA 37-90 VSD (30-90 kW/40-125 hp)



*Sustainable Productivity*

**Atlas Copco**



# The ultimate smart solution, driven by efficiency

Atlas Copco's GA 30+90 compressors bring you outstanding sustainability, reliability and performance, while minimizing the total cost of ownership. A choice of three premium compressor types (GA VSD, GA+ and GA) provides you with the compressed air solution that perfectly matches your requirements with clear value propositions. Built to perform even in the harshest environments, these compressors keep your production running efficiently.



## NEW HEIGHTS IN SUSTAINABILITY

The GA 30+90 family enables you to realize sustainable productivity through lower lifecycle costs and maximum uptime. IE3 or NEMA Premium Efficiency motors in combination with the highly efficient element minimize operating cost. The integrated dryer R410A reduces ozone depletion and protects the environment. Maximum uptime is achieved by maintenance from one side and complete drive train accessibility.



## BENCHMARKING PERFORMANCE

Outstanding performance is ensured by design, with IE3 or NEMA Premium Efficiency motors in combination with Atlas Copco's highly efficient element and an oversized cooling arrangement resulting in significant energy savings. Internal pressure drops from inlet to discharge are optimized. Efficient smart compressor controls and Atlas Copco algorithms minimize the working pressure band, saving energy.



## NEW MILESTONES IN RELIABILITY

The reliability of the GA 30+90 range starts with the cool canopy and low element outlet temperatures, an oversized separate oil cooler and an aftercooler with patented integrated mechanical separator. The three-stage air/oil separation ensures low oil consumption. All electrical cubicles are in overpressure, preventing electrically conductive dust, thus increasing the lifetime of electrical components.





## GA VSD: ULTIMATE ENERGY SAVER

- Unique integrated Variable Speed Drive (VSD) technology for on average 35% energy savings.
- Industry-leading operating turndown range and flexible pressure selection: 4-13 bar.
- Start under system pressure due to special VSD motor, no idling time.
- Integrated Dryer Saver Cycle saves up to 60% of the dryer's electrical consumption.
- Smart Elektronikon® graphic compressor controller with high-definition color display working to a set point minimizes pressure drops.



## GA+: INDUSTRY-LEADING PERFORMANCE

- Industry-leading Free Air Delivery and low energy consumption.
- IE3 / NEMA Premium Efficiency motor combined with highly efficient element.
- Low noise emission suitable for workplace installation.
- Environmentally-friendly R410A integrated dryer reduces footprint and pressure drops.
- Smart Elektronikon® graphic compressor controller with high-definition color display.

## GA: PREMIUM COMPRESSOR

- High performance Free Air Delivery.
- IE2 / NEMA Premium Efficiency motor in combination with highly efficient element.
- Premium quality at the lowest initial investment.
- Efficient environmentally-friendly R410A integrated dryer reduces footprint and pressure drops.
- Ensured efficiency of Elektronikon® controller with connectivity.



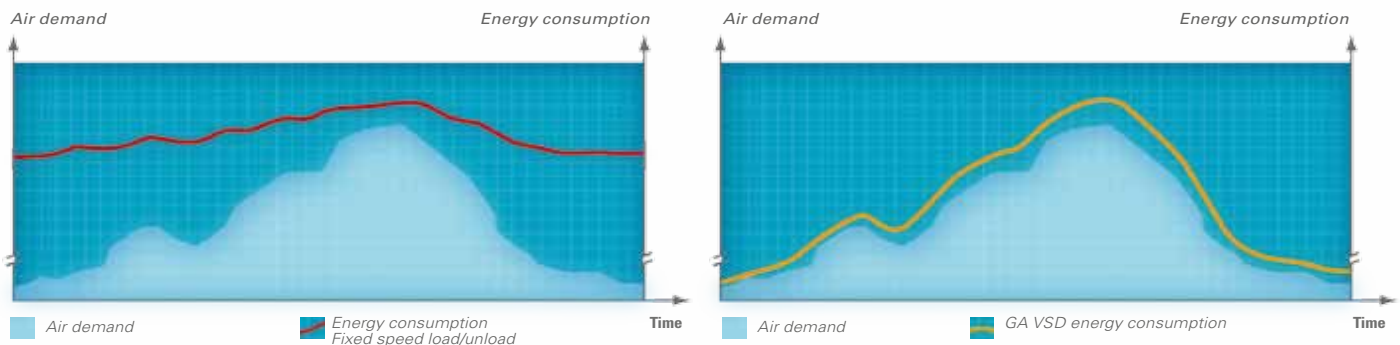
# VSD: Driving down your energy costs

Over 80% of a compressor's lifecycle cost is taken up by the energy it consumes. Moreover, the generation of compressed air can account for more than 40% of a plant's total electricity bill. To cut your energy costs, Atlas Copco pioneered Variable Speed Drive (VSD) technology in the compressed air industry. VSD leads to major energy savings, while protecting the environment for future generations. Thanks to continual investments in this technology, Atlas Copco offers the widest range of integrated VSD compressors on the market.

## WHY ATLAS COPCO VARIABLE SPEED DRIVE TECHNOLOGY?

- On average 35% energy savings during fluctuations in production demand with an extensive turndown range.
- Integrated Elektronikon® Graphic controller controls the motor speed and high efficiency frequency inverter.
- No wasted idling times or blow-off losses in normal operation.
- Compressor can start/stop under full system pressure without the need to unload with special VSD motor.
- Eliminates peak current penalty during start-up.
- Minimizes system leakage due to a lower system pressure.
- EMC Compliance to directives (2004/108/EG).

**NO IDLING TIME**



In almost every production environment, air demand fluctuates depending on different factors such as the time of the day, week or even month. Extensive measurements and studies of compressed air demand profiles show that many compressors have substantial variations in air demand.

## ON AVERAGE 35% ENERGY SAVINGS

Atlas Copco's GA VSD technology closely follows the air demand by automatically adjusting the motor speed. This results in on average 35% energy savings. The lifecycle cost of a compressor can be cut by an average of 22%. In addition, lowered system pressure with GA VSD dramatically minimizes energy use across your production.

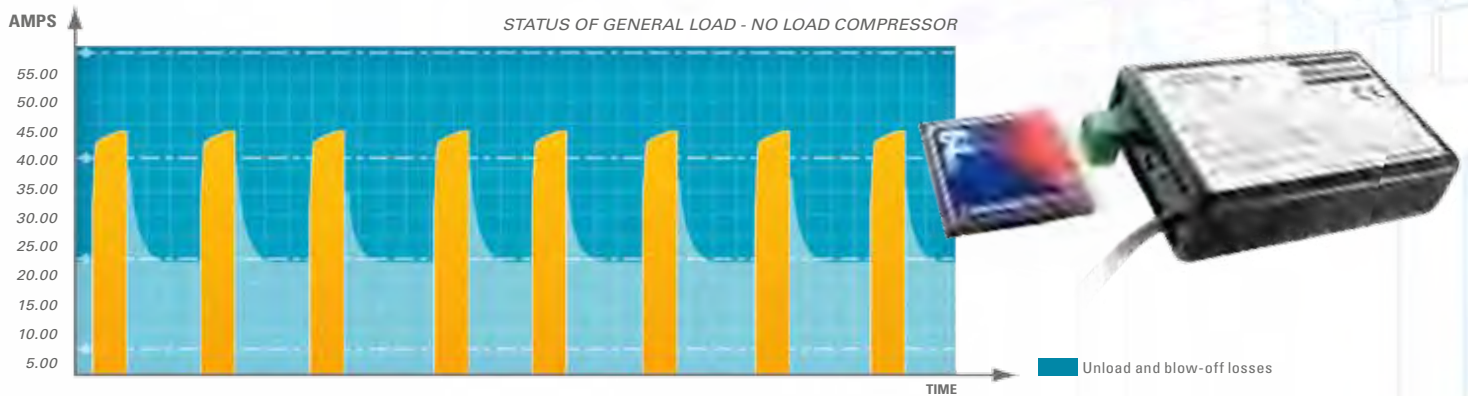
## TOTAL COMPRESSOR LIFECYCLE COST

- Energy
- Investment
- Energy savings with VSD
- Maintenance



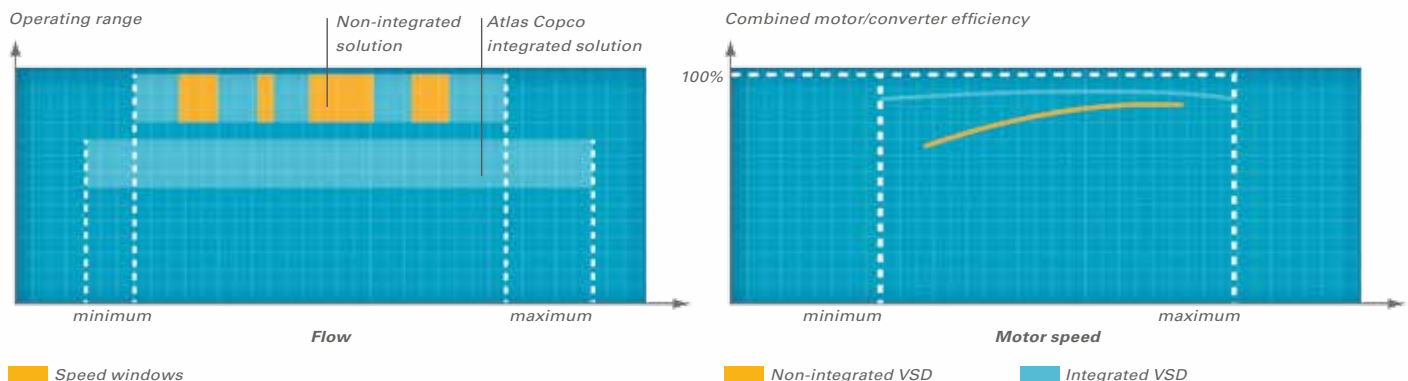
# HOW GA VSD TECHNOLOGY SAVES ENERGY

Contact your local Atlas Copco representative for an audit of your compressed air system. A real-time measurement simulation and audit report can be provided with recommendations for additional savings and sizing to meet your compressed air needs.



## WHAT IS UNIQUE ABOUT THE INTEGRATED ATLAS COPCO GA VSD?

- 1** The Elektronikon® controls both the compressor and the integrated converter, ensuring maximum machine safety within parameters.
- 2** Flexible pressure selection from 4 to 13 bar with electronic gearing reduces electricity costs.
- 3** Special electric motor specifically designed for VSD operation (inverter duty motor). Bearings are protected against induced bearing currents. Both motor and converter are perfectly tuned for highest efficiency across the entire speed range.
- 4** Electric motor specifically designed for low operating speeds with clear attention to motor cooling and compressor cooling requirements.
- 5** All Atlas Copco GA VSD compressors are EMC tested and certified. External sources do not influence compressor operation, nor does the compressor affect the operation of other instruments via emissions or via the power supply line.
- 6** Mechanical enhancements ensure that all components operate below critical vibration levels throughout the entire compressor speed range.
- 7** A highly efficient frequency converter in a cool overpressure cubicle ensures stable operation in high ambient temperatures up to 50°C/122°F\*.  
\* Standard up to 46°C/114.8°F.
- 8** No 'speed windows' that can jeopardize the energy savings and the stable net pressure. Turndown capability of the compressor is maximized to 80-85%.
- 9** The cubicle cooling booster increases the lifetime of electrical components due to a cool cubicle in overpressure and reduced dust ingress.
- 10** Net pressure band is maintained within 0.10 bar, 1.5 psi.





# High reliability and smart energy

1

## Maintenance-free drive system

- 100% maintenance-free; totally enclosed and protected against dirt and dust.
- Suitable for harsh environments.
- High-efficiency drive arrangement; no coupling or slippage losses.
- Standard up to 46°C/115°F and for high ambient version 55°C/131°F.



2

## IE3 / NEMA Premium Efficiency electrical motors

- IP55, insulation Class F, B rise.
- Non-drive side bearing greased for life.
- Designed for continuous operation in harsh environments.

3

## Robust spin-on oil filter

- High-efficiency, removing 300% smaller particles than a conventional filter.
- Integrated bypass valve with the oil filter.

4

## SIL Smart inlet lock system for GA VSD compressors

- Superior designed vacuum and air pressure controlled valve with minimal pressure drop and no springs.
- Smart stop/start which eliminates back-pressure oil vapor.



5

## Separate oversized oil cooler and aftercooler

- Low element outlet temperatures, ensuring long oil lifetime.
- Removal of nearly 100% condensate by mechanical separator.
- No consumables.
- Eliminates possibility of thermal shocks in coolers.





10

### Integrated highly efficient R410A dryer

- Excellence in air quality.
- 50% reduction in energy consumption compared to traditional dryers.
- Zero ozone depletion.
- Incorporates optional DD and PD filters according to Class 1.4.1.

9

### Cubicle cooling booster

- Cubicle in overpressure minimizes ingress of conductive dust.
- Electrical components remain cool, enhancing lifetime of components.

8

### Elektronik® for remote monitoring

- Integrated smart algorithms reduce system pressure and energy consumption.
- Monitoring features include warning indications, maintenance scheduling and online visualization of machine's condition.

7

### Heavy-duty air intake filter

- Protects the compressor components by removing 99.9% of dirt particles down to 3 microns.
- Differential inlet pressure for proactive maintenance while minimizing pressure drop.



6

### Electronic no-loss water drain

- Ensures constant removal of condensate.
- Manual integrated bypass for effective condensate removal in case of power failure.
- Integrated with compressor's Elektronik® with warning/alarm features.

# A step ahead in monitoring and controls

The next-generation Elektronikon® operating system offers a wide variety of control and monitoring features that allow you to increase your compressor's efficiency and reliability. To maximize energy efficiency, the Elektronikon® controls the main drive motor and regulates system pressure within a predefined and narrow pressure band.



## IMPROVED USER-FRIENDLINESS

- 3.5-inch high-definition color display with clear pictograms and extra 4th LED indicator for service.
- Graphical display of key parameters (day, week, month) and 32 language settings.
- Internet-based compressor visualization using a simple Ethernet connection.
- On-screen Delayed Second Stop function and VSD savings indication.
- Graphical indication Serviceplan, remote control and connectivity functions.
- Software upgrade available to control up to 6 compressors by installing the optional integrated compressor controller.

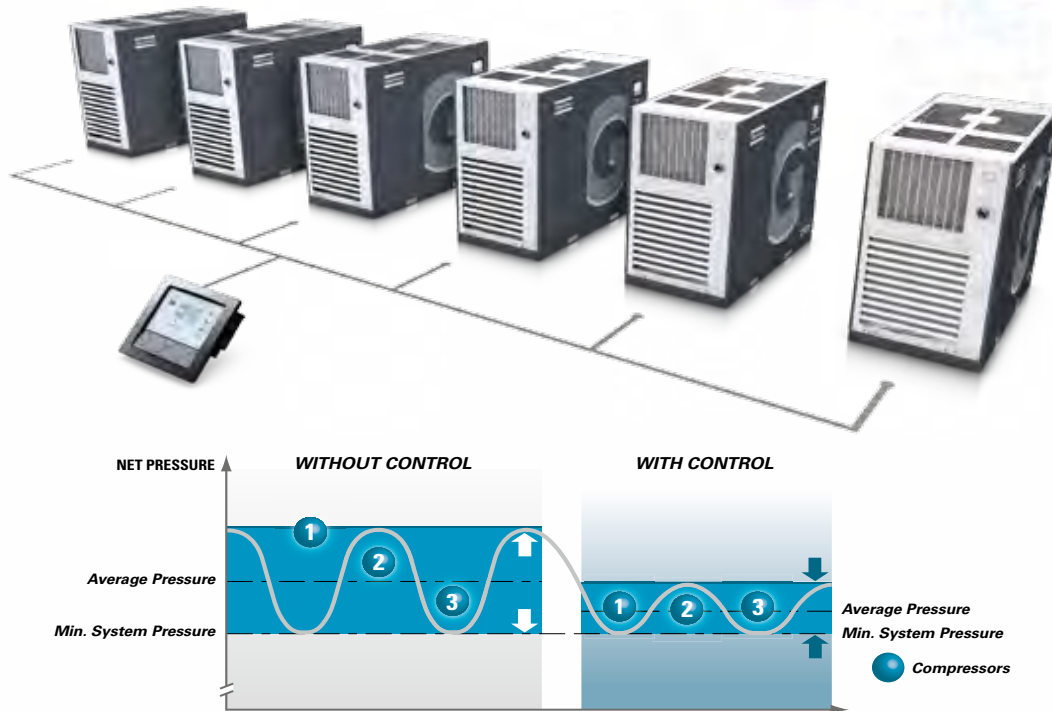


## ONLINE & MOBILE MONITORING

Monitor your compressors over the Ethernet with the new Elektronikon® controller. Monitoring features include warning indications, compressor shut-down and maintenance scheduling. The Atlas Copco App is available for iPhone/Android phones as well as iPad and Android tablets. It allows fingertip monitoring of your compressed air system through your own secured network.

# Optional integrated compressor controller

Install, with a simple license, the optional integrated compressor controller and get simple, central control to reduce system pressure and energy consumption in installations of up to 4 (ES4i) or 6 (ES6i) compressors.



The Elektronikon® continuously monitors critical parameters. Monitoring features include service and warning indications, error detection, compressor shut-down and maintenance scheduling.

## DUAL PRESSURE SET POINT & DELAYED SECOND STOP

Most production processes create fluctuating levels of demand which, in turn, can create energy waste in low use periods. Using either the standard or graphic Elektronikon® controller, you can manually or automatically create two different system pressure bands to optimize energy use and reduce costs at low

use times. In addition, the sophisticated Delayed Second Stop (DSS) runs the drive motor only when needed. As the desired system pressure is maintained while the drive motor's run time is minimized, energy consumption is kept at a minimum.



## INTEGRATED DRYER SAVER CYCLE

Saver Cycle technology reduces the energy consumption of the integrated refrigerant dryers with the fan in light load applications. Using an ambient sensor to monitor the required

dew point suppression, the Elektronikon® starts and stops the dryer and the fan, minimizing energy use and protecting the air system from corrosion.



# Excellence in integrated air quality

Untreated compressed air contains moisture, aerosols and dirt particles that can damage your air system and contaminate your end product, resulting in risk of corrosion and compressed air system leaks. Maintenance costs can far exceed air treatment costs. Our compressors provide the clean, dry air that improves your system's reliability, avoids costly downtime and production delays, and safeguards the quality of your products.

## SAVE MONEY AND THE ENVIRONMENT

Avoid risk of corrosion and system leaks, and ensure the effective safe disposal of untreated condensate – all within ISO 14001 standards.

**ZERO OZONE  
DEPLETION**



### ON AVERAGE 50% ENERGY SAVINGS WITH R410A INTEGRATED DRYERS

- Use of energy-efficient refrigerant R410A reduces operating costs.
- R410A refrigerant reduces global warming potential by an average of 50%.
- Environmentally-friendly characteristics; zero ozone depletion.
- Unique Saver Cycle Control, with ambient temperature sensor and based on dryer load and relative humidity of compressed air, saves energy at partial load.
- Heat exchanger cross-flow technology with low pressure drop.
- Zero waste of compressed air thanks to no-loss condensate drain.
- Pressure dew point of 3°C (100% relative humidity at 20°C).

## INTEGRATED PURITY

The optional DD/PD filters and integrated refrigerant air dryer (IFD) efficiently remove moisture, aerosols and dirt particles to protect your investment. This air quality prolongs the life of

downstream equipment, increasing efficiency and ensuring quality of your final product.

| ISO quality class* | Dirt particle size | Water pressure dew point** | Oil concentration |
|--------------------|--------------------|----------------------------|-------------------|
| 3.-.4              | 3 microns          | -                          | 3 ppm             |
| 3.4.4              | 3 microns          | +3°C, 37°F                 | 3 ppm             |
| 2.4.2              | 1 micron           | +3°C, 37°F                 | 0.1 ppm           |
| 1.4.1              | 0.01 microns       | +3°C, 37°F                 | 0.01 ppm          |

\* The table values reflect the maximum limits according to the temperature ISO gravity class.  
\*\* Water pressure dew point based on 100% RH at 20°C/68°F

# WorkPlace: Compressed air at the point of use

With the industry-leading low noise operation and integration of air and condensate treatment equipment, the GA<sup>+</sup> offers complete versatility for your production. The compressor's integrated design allows it to be placed on the production floor, creating substantial energy savings for your business.

## LOW INSTALLATION COSTS

- The GA<sup>+</sup> can operate close to the point of use – eliminating the need for a dedicated compressor room.
- The GA<sup>+</sup> is delivered ready for use – minimizing production downtime and reducing installation costs.
- Filtration equipment is integrated – reducing the need for costly external piping and minimizing pressure drops.
- Low noise enables the above to be a reality.



## REDUCED ENERGY AND MAINTENANCE COSTS

- With less external piping, the GA<sup>+</sup> minimizes pressure drop across the system which can reduce energy costs.
- The filtration system produces clean air to prevent network corrosion – minimizing energy, repair and maintenance costs.
- The GA<sup>+</sup> operates at the lowest possible system pressure to reduce energy costs thanks to the Elektronikon<sup>®</sup> advanced monitoring system.

## INTEGRATED CONDENSATE MANAGEMENT

- OSCi is an efficient integrated solution that removes oil from condensate.
- Oil carryover contained in condensate can harm the environment.
- Treated condensate protects water, wildlife and ecosystems.
- The delivered water is harmless and can be disposed in a sewage system, reducing disposal costs.



# Optimize your system

Some applications may need or may benefit from additional options and more refined control/air treatment systems. To meet these needs, Atlas Copco has developed options and easily integrated compatible equipment.

|                 |                                                         | GA 30*-90 | GA 37-90 VSD |
|-----------------|---------------------------------------------------------|-----------|--------------|
| Air treatment   | Integrated filter kit class 1*                          | ✓         | ✓            |
|                 | Integrated filter kit class 2*                          | ✓         | ✓            |
|                 | Dryer bypass*                                           | ✓         | ✓            |
| Condensate      | OSCi                                                    | ✓         | ✓            |
| Protection      | Oil retaining frame                                     | ✓         | ✓            |
|                 | Motor space heater                                      | -         | ✓            |
|                 | Motor space heater + thermistors                        | ✓         | -            |
|                 | Water shut-off valve**                                  | ✓         | ✓            |
|                 | Phase sequence relay (GA 55-90)                         | ✓         | -            |
|                 | Tropical thermostat                                     | ✓         | -            |
|                 | Freeze protection                                       | ✓         | ✓            |
|                 | NEMA 4 cubicle                                          | ✓         | -            |
|                 | NEMA 4X cubicle                                         | ✓         | -            |
|                 | Pre-filter                                              | ✓         | ✓            |
|                 | Advanced monitoring                                     | ✓         | ✓            |
|                 | ANSI flange outlet                                      | ✓         | ✓            |
|                 | DIN flange outlet                                       | ✓         | ✓            |
| Public works    | Rain protection                                         | ✓         | -            |
|                 | Main power isolator switch                              | ✓         | ✓            |
|                 | Lifting device                                          | ✓         | ✓            |
|                 | Oversized motor (except GA 45* & GA 90)                 | ✓         | -            |
| Communication   | ES 100 relays***                                        | ✓         | ✓            |
|                 | AIRconnect                                              | ✓         | ✓            |
|                 | Elektronikon® Graphic upgrade (only for GA 37 to GA 75) | ✓         | -            |
|                 | ES4/ES6i (for Elektronikon® Graphic)                    | ✓         | ✓            |
|                 | Digital I/O expansion module                            | ✓         | ✓            |
| Oils            | Food grade oil                                          | ✓         | ✓            |
|                 | Roto – Xtend duty oil (8000 hours)                      | ✓         | ✓            |
| General options | Witness performance test                                | ✓         | ✓            |
|                 | Energy recovery                                         | ✓         | ✓            |
|                 | Power duct fan                                          | ✓         | ✓            |
|                 | Modulating control                                      | ✓         | -            |
|                 | High-ambient temperature version (HAV 55°C, 131°F)****  | ✓         | ✓            |
|                 | IT/TT ancillaries                                       | -         | ✓            |

\*FF units only. \*\* Water-cooled units. \*\*\* Includes potential-free contacts: motor running, compressor load/unload. \*\*\*\* FF units max 50°C, 122°F

## INTEGRATED ENERGY RECOVERY

As much as 90% of the electrical energy used by a compressed air solution is converted into heat. Using Atlas Copco's integrated energy recovery systems, it is feasible to recover up to 75% of that power input as hot air or hot water without any influence on the compressor's performance. Through efficient usage of the recovered energy, you bring about important energy cost savings and obtain a high return on investment.

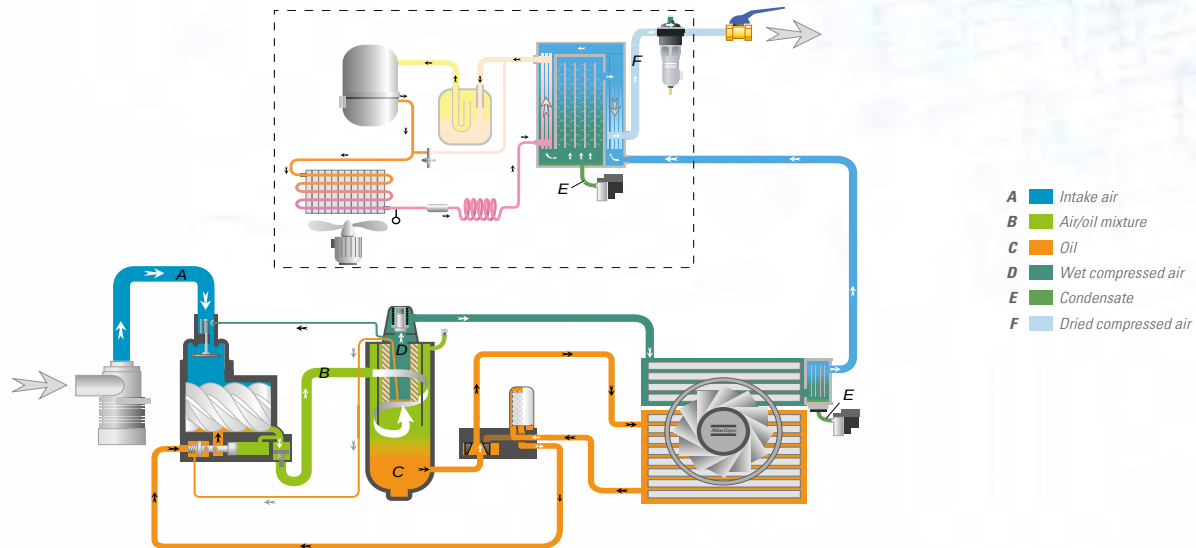


## ENERGY RECOVERY APPLICATIONS

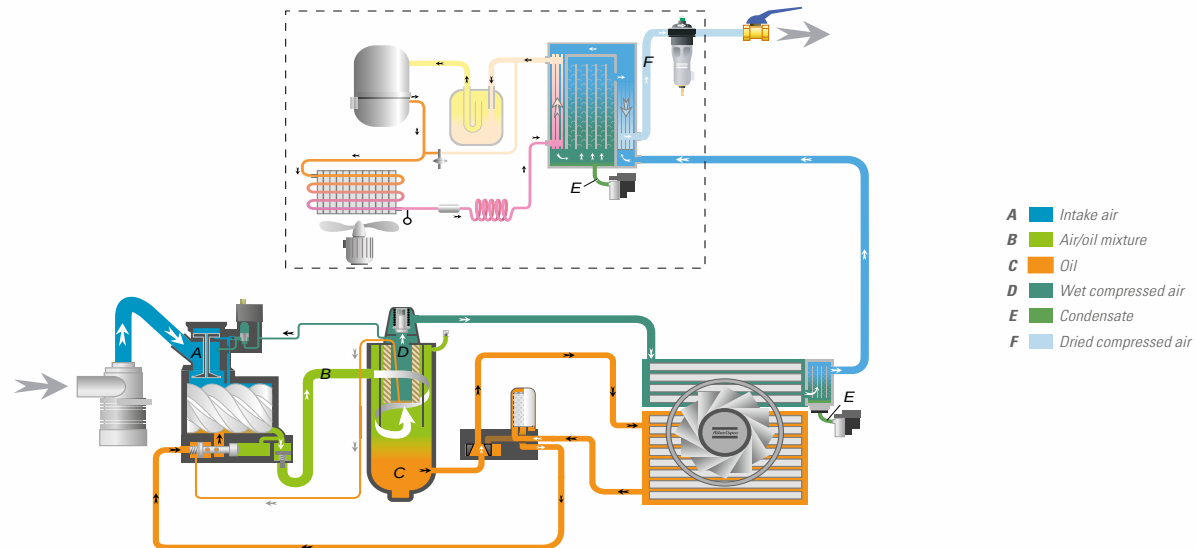
- Auxiliary or main heating of warehouses, workshops etc.
- Industrial process heating.
- Water heating for laundries, industrial cleaning and sanitary facilities.
- Canteens and large kitchens.
- Food industry.
- Chemical and pharmaceutical industries.
- Drying processes.

# Flow charts

## VARIABLE SPEED DRIVE: GA VSD



## FIXED SPEED: GA<sup>+</sup> & GA



**GA 37, 45 VSD** Width 1766 mm, 69.5"  
**GA 30<sup>+</sup>, 37<sup>+</sup>, 45<sup>+</sup>** Depth 970 mm, 38.2"  
**GA 37, 45** Height 1800 mm, 70.9"

**GA 55, 75, 90 VSD** Width 2248 mm, 88.5"  
**GA 55<sup>+</sup>, 75<sup>+</sup>** Depth 1080 mm, 42.5"  
**GA 55, 75, 90** Height 1955 mm, 76.9"





## Technical specifications GA 30+-90 (50 Hz versions)

| COMPRESSOR TYPE | Pressure variant | Max. working pressure WorkPlace |      | Capacity FAD* |        |     | Installed motor power |     | Noise level** | Weight WorkPlace |      | Weight WorkPlace Full Feature |      |
|-----------------|------------------|---------------------------------|------|---------------|--------|-----|-----------------------|-----|---------------|------------------|------|-------------------------------|------|
|                 |                  | bar(e)                          | psig | l/s           | m³/min | cfm | kW                    | hp  |               | kg               | lbs  | kg                            | lbs  |
| GA 30+          | 7.5              | 7.5                             | 109  | 99            | 5.9    | 209 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
|                 | 8.5              | 8.5                             | 123  | 90            | 5.4    | 191 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
|                 | 10               | 10                              | 145  | 82            | 4.9    | 175 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
|                 | 13               | 13                              | 189  | 71            | 4.3    | 151 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
| GA 37           | 7.5              | 7.5                             | 109  | 115           | 6.9    | 243 | 37                    | 50  | 69            | 905              | 1994 | 820                           | 1807 |
|                 | 8.5              | 8.5                             | 123  | 106           | 6.4    | 225 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
|                 | 10               | 10                              | 145  | 100           | 6.0    | 213 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
|                 | 13               | 13                              | 189  | 81            | 4.9    | 172 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
| GA 37+          | 7.5              | 7.5                             | 109  | 122           | 7.3    | 258 | 37                    | 50  | 65            | 902              | 1989 | 987                           | 2176 |
|                 | 8.5              | 8.5                             | 123  | 118           | 7.1    | 250 | 37                    | 50  | 65            | 902              | 1989 | 987                           | 2176 |
|                 | 10               | 10                              | 145  | 102           | 6.1    | 216 | 37                    | 50  | 65            | 902              | 1989 | 987                           | 2176 |
|                 | 13               | 13                              | 189  | 85            | 5.1    | 180 | 37                    | 50  | 65            | 902              | 1989 | 987                           | 2176 |
| GA 45           | 7.5              | 7.5                             | 109  | 137           | 8.2    | 291 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
|                 | 8.5              | 8.5                             | 123  | 127           | 7.6    | 268 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
|                 | 10               | 10                              | 145  | 117           | 7.0    | 248 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
|                 | 13               | 13                              | 189  | 102           | 6.1    | 217 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
| GA 45+          | 7.5              | 7.5                             | 109  | 149           | 8.9    | 315 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
|                 | 8.5              | 8.5                             | 123  | 139           | 8.3    | 295 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
|                 | 10               | 10                              | 145  | 128           | 7.7    | 270 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
|                 | 13               | 13                              | 189  | 106           | 6.4    | 225 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
| GA 55           | 7.5              | 7.5                             | 109  | 169           | 10.2   | 359 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
|                 | 8.5              | 8.5                             | 123  | 159           | 9.5    | 336 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
|                 | 10               | 10                              | 145  | 148           | 8.9    | 313 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
|                 | 13               | 13                              | 189  | 126           | 7.6    | 267 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
| GA 55+          | 7.5              | 7.5                             | 109  | 184           | 11.1   | 390 | 55                    | 75  | 66            | 1358             | 2994 | 1458                          | 3214 |
|                 | 8.5              | 8.5                             | 123  | 174           | 10.4   | 369 | 55                    | 75  | 66            | 1358             | 2994 | 1458                          | 3214 |
|                 | 10               | 10                              | 145  | 156           | 9.5    | 331 | 55                    | 75  | 66            | 1358             | 2994 | 1458                          | 3214 |
|                 | 13               | 13                              | 189  | 126           | 7.6    | 267 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
| GA 75           | 7.5              | 7.5                             | 109  | 226           | 13.5   | 478 | 75                    | 100 | 73            | 1259             | 2776 | 1379                          | 3040 |
|                 | 8.5              | 8.5                             | 123  | 209           | 12.6   | 444 | 75                    | 100 | 73            | 1259             | 2776 | 1379                          | 3040 |
|                 | 10               | 10                              | 145  | 189           | 11.4   | 401 | 75                    | 100 | 73            | 1259             | 2776 | 1379                          | 3040 |
|                 | 13               | 13                              | 189  | 162           | 9.7    | 344 | 75                    | 100 | 73            | 1259             | 2776 | 1379                          | 3040 |
| GA 75+          | 7.5              | 7.5                             | 109  | 248           | 14.9   | 526 | 75                    | 100 | 68            | 1413             | 3115 | 1533                          | 3380 |
|                 | 8.5              | 8.5                             | 123  | 235           | 14.1   | 497 | 75                    | 100 | 68            | 1413             | 3115 | 1533                          | 3380 |
|                 | 10               | 10                              | 145  | 210           | 12.6   | 445 | 75                    | 100 | 68            | 1413             | 3115 | 1533                          | 3380 |
|                 | 13               | 13                              | 189  | 177           | 10.6   | 375 | 75                    | 100 | 68            | 1413             | 3115 | 1533                          | 3380 |
| GA 90           | 7.5              | 7.5                             | 109  | 281           | 16.9   | 596 | 90                    | 125 | 73            | 1425             | 3142 | 1545                          | 3406 |
|                 | 8.5              | 8.5                             | 123  | 275           | 16.5   | 582 | 90                    | 125 | 73            | 1425             | 3142 | 1545                          | 3406 |
|                 | 10               | 10                              | 145  | 250           | 15.0   | 529 | 90                    | 125 | 73            | 1425             | 3142 | 1545                          | 3406 |
|                 | 13               | 13                              | 189  | 216           | 13.0   | 458 | 90                    | 125 | 73            | 1425             | 3142 | 1545                          | 3406 |

\* Unit performance measured according to ISO 1217, Annex C, Edition 4

### Reference conditions:

- Absolute inlet pressure 1 bar (14.5 psi)
- Intake air temperature 20°C, 68°F

### FAD is measured at the following working pressures:

- 7.5 bar versions at 7 bar
- 8.5 bar versions at 8 bar
- 10 bar versions at 9.5 bar
- 13 bar versions at 12.5 bar

\*\* A-weighted emission sound pressure level at the work station, Lp WSA (re 20 µPa) dB (with uncertainty 3 dB).

Values determined according to noise level test code ISO 2151 and noise measurement standard ISO 9614.

Pressure dew point of integrated refrigerant dryer at reference conditions: 2°C to 3°C, 36°F to 37°F.



## Technical specifications GA 30+-90 (60 Hz versions)

| COMPRESSOR TYPE | Pressure variant | Max. working pressure WorkPlace |      | Capacity FAD* |        |     | Installed motor power |     | Noise level** | Weight WorkPlace |      | Weight WorkPlace Full Feature |      |
|-----------------|------------------|---------------------------------|------|---------------|--------|-----|-----------------------|-----|---------------|------------------|------|-------------------------------|------|
|                 |                  | bar(e)                          | psig | l/s           | m³/min | cfm | kW                    | hp  |               | kg               | lbs  | kg                            | lbs  |
| GA 30+          | 100              | 7.4                             | 107  | 100           | 6.0    | 212 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
|                 | 125              | 9.1                             | 132  | 91            | 5.4    | 192 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
|                 | 150              | 10.8                            | 157  | 82            | 4.9    | 174 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
|                 | 175              | 12.5                            | 181  | 75            | 4.5    | 158 | 30                    | 40  | 65            | 817              | 1801 | 898                           | 1980 |
| GA 37           | 100              | 7.4                             | 107  | 116           | 7.0    | 246 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
|                 | 125              | 9.1                             | 132  | 108           | 6.5    | 229 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
|                 | 150              | 10.8                            | 157  | 96            | 5.8    | 204 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
|                 | 175              | 12.5                            | 181  | 87            | 5.2    | 185 | 37                    | 50  | 69            | 905              | 1995 | 820                           | 1808 |
| GA 37+          | 100              | 7.4                             | 107  | 120           | 7.2    | 255 | 37                    | 50  | 65            | 905              | 1995 | 987                           | 2176 |
|                 | 125              | 9.1                             | 132  | 111           | 6.6    | 234 | 37                    | 50  | 65            | 905              | 1995 | 987                           | 2176 |
|                 | 150              | 10.8                            | 157  | 100           | 6.0    | 212 | 37                    | 50  | 65            | 905              | 1995 | 987                           | 2176 |
|                 | 175              | 12.5                            | 181  | 91            | 5.4    | 192 | 37                    | 50  | 65            | 905              | 1995 | 987                           | 2176 |
| GA 45           | 100              | 7.4                             | 107  | 139           | 8.3    | 294 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
|                 | 125              | 9.1                             | 132  | 128           | 7.7    | 271 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
|                 | 150              | 10.8                            | 157  | 118           | 7.1    | 250 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
|                 | 175              | 12.5                            | 181  | 105           | 6.3    | 222 | 45                    | 60  | 72            | 894              | 1971 | 979                           | 2158 |
| GA 45+          | 100              | 7.4                             | 107  | 146           | 8.8    | 310 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
|                 | 125              | 9.1                             | 132  | 134           | 8.0    | 284 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
|                 | 150              | 10.8                            | 157  | 126           | 7.5    | 266 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
|                 | 175              | 12.5                            | 181  | 111           | 6.7    | 236 | 45                    | 60  | 66            | 970              | 2138 | 1060                          | 2337 |
| GA 55           | 100              | 7.4                             | 107  | 174           | 10.5   | 369 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
|                 | 125              | 9.1                             | 132  | 154           | 9.3    | 327 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
|                 | 150              | 10.8                            | 157  | 142           | 8.5    | 300 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
|                 | 175              | 12.5                            | 181  | 128           | 7.7    | 272 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
| GA 55+          | 100              | 7.4                             | 107  | 184           | 11.0   | 390 | 55                    | 75  | 67            | 1358             | 2994 | 1458                          | 3214 |
|                 | 125              | 9.1                             | 132  | 166           | 10.0   | 352 | 55                    | 75  | 67            | 1358             | 2994 | 1458                          | 3214 |
|                 | 150              | 10.8                            | 157  | 141           | 8.5    | 299 | 55                    | 75  | 67            | 1358             | 2994 | 1458                          | 3214 |
|                 | 175              | 12.5                            | 181  | 128           | 7.7    | 272 | 55                    | 75  | 69            | 1229             | 2709 | 1329                          | 2930 |
| GA 75           | 100              | 7.4                             | 107  | 229           | 13.7   | 485 | 75                    | 100 | 73            | 1259             | 2776 | 1359                          | 2996 |
|                 | 125              | 9.1                             | 132  | 200           | 12.0   | 424 | 75                    | 100 | 73            | 1259             | 2776 | 1359                          | 2996 |
|                 | 150              | 10.8                            | 157  | 189           | 11.4   | 401 | 75                    | 100 | 73            | 1259             | 2776 | 1359                          | 2996 |
|                 | 175              | 12.5                            | 181  | 169           | 10.1   | 358 | 75                    | 100 | 73            | 1259             | 2776 | 1359                          | 2996 |
| GA 75+          | 100              | 7.4                             | 107  | 248           | 14.9   | 525 | 75                    | 100 | 69            | 1413             | 3115 | 1533                          | 3380 |
|                 | 125              | 9.1                             | 132  | 227           | 13.6   | 481 | 75                    | 100 | 69            | 1413             | 3115 | 1533                          | 3380 |
|                 | 150              | 10.8                            | 157  | 204           | 12.3   | 433 | 75                    | 100 | 69            | 1413             | 3115 | 1533                          | 3380 |
|                 | 175              | 12.5                            | 181  | 182           | 10.9   | 385 | 75                    | 100 | 69            | 1413             | 3115 | 1533                          | 3380 |
| GA 90           | 100              | 7.4                             | 107  | 289           | 17.4   | 613 | 90                    | 125 | 74            | 1425             | 3142 | 1545                          | 3406 |
|                 | 125              | 9.1                             | 132  | 267           | 16.0   | 565 | 90                    | 125 | 74            | 1425             | 3142 | 1545                          | 3406 |
|                 | 150              | 10.8                            | 157  | 250           | 15.0   | 530 | 90                    | 125 | 74            | 1425             | 3142 | 1545                          | 3406 |
|                 | 175              | 12.5                            | 181  | 228           | 13.7   | 484 | 90                    | 125 | 74            | 1425             | 3142 | 1545                          | 3406 |

Please refer to the footnotes, reference conditions and FAD details of the 50 Hz versions.

## Technical specifications GA 37-90 VSD (50/60 Hz versions)

| COMPRESSOR<br>TYPE | Working pressure |      | Capacity FAD* |     |        |      |     |     | Installed motor<br>power |     | Noise<br>level** | Weight<br>WorkPlace |      | Weight<br>WorkPlace<br>Full Feature |      |
|--------------------|------------------|------|---------------|-----|--------|------|-----|-----|--------------------------|-----|------------------|---------------------|------|-------------------------------------|------|
|                    |                  |      | l/s           |     | m³/min |      | cfm |     |                          |     |                  |                     |      |                                     |      |
|                    | bar(e)           | psig | min           | max | min    | max  | min | max | kW                       | hp  | dB(A)            | kg                  | lbs  | kg                                  | lbs  |
| GA 37 VSD          | 4                | 58   | 26.0          | 124 | 1.6    | 7.4  | 55  | 263 | 37                       | 50  | 66/67            | 1042                | 2297 | 1127                                | 2485 |
|                    | 7                | 102  | 26.0          | 123 | 1.6    | 7.4  | 55  | 260 | 37                       | 50  | 66/67            | 1042                | 2297 | 1127                                | 2485 |
|                    | 10               | 145  | 25.8          | 107 | 1.5    | 6.4  | 55  | 226 | 37                       | 50  | 66/67            | 1042                | 2297 | 1127                                | 2485 |
|                    | 13               | 189  | 40.3          | 87  | 2.4    | 5.2  | 85  | 185 | 37                       | 50  | 66/67            | 1042                | 2297 | 1127                                | 2485 |
| GA 45 VSD          | 4                | 58   | 26.0          | 146 | 1.6    | 8.8  | 55  | 310 | 45                       | 60  | 69/72            | 1100                | 2425 | 1190                                | 2624 |
|                    | 7                | 102  | 26.0          | 145 | 1.6    | 8.7  | 55  | 307 | 45                       | 60  | 69/72            | 1100                | 2425 | 1190                                | 2624 |
|                    | 10               | 145  | 25.8          | 128 | 1.5    | 7.7  | 55  | 271 | 45                       | 60  | 69/72            | 1100                | 2425 | 1190                                | 2624 |
|                    | 13               | 189  | 40.3          | 107 | 2.4    | 6.4  | 85  | 226 | 45                       | 60  | 69/72            | 1100                | 2425 | 1190                                | 2624 |
| GA 55 VSD          | 4                | 58   | 32.4          | 197 | 1.9    | 11.8 | 69  | 418 | 55                       | 75  | 69/72            | 1380                | 3042 | 1480                                | 3263 |
|                    | 7                | 102  | 26.0          | 175 | 1.6    | 10.5 | 55  | 371 | 55                       | 75  | 69/72            | 1380                | 3042 | 1480                                | 3263 |
|                    | 10               | 145  | 25.4          | 155 | 1.5    | 9.3  | 54  | 328 | 55                       | 75  | 69/72            | 1380                | 3042 | 1480                                | 3263 |
|                    | 13               | 189  | 37.0          | 129 | 2.2    | 7.7  | 78  | 273 | 55                       | 75  | 69/72            | 1380                | 3042 | 1480                                | 3263 |
| GA 75 VSD          | 4                | 58   | 37.8          | 250 | 2.3    | 15.0 | 80  | 529 | 75                       | 100 | 69/70            | 1534                | 3382 | 1654                                | 3646 |
|                    | 7                | 102  | 37.4          | 250 | 2.2    | 15.0 | 79  | 530 | 75                       | 100 | 69/70            | 1534                | 3382 | 1654                                | 3646 |
|                    | 10               | 145  | 48.1          | 219 | 2.9    | 13.2 | 102 | 465 | 75                       | 100 | 69/70            | 1534                | 3382 | 1654                                | 3646 |
|                    | 13               | 189  | 58.3          | 182 | 3.5    | 10.9 | 124 | 386 | 75                       | 100 | 69/70            | 1534                | 3382 | 1654                                | 3646 |
| GA 90 VSD          | 4                | 58   | 37.0          | 293 | 2.2    | 17.6 | 78  | 621 | 90                       | 125 | 73/74            | 1534                | 3382 | 1654                                | 3646 |
|                    | 7                | 102  | 39.4          | 292 | 2.4    | 17.5 | 84  | 619 | 90                       | 125 | 73/74            | 1534                | 3382 | 1654                                | 3646 |
|                    | 10               | 145  | 48.3          | 257 | 2.9    | 15.4 | 102 | 545 | 90                       | 125 | 73/74            | 1534                | 3382 | 1654                                | 3646 |
|                    | 13               | 189  | 59.4          | 214 | 3.6    | 12.9 | 126 | 454 | 90                       | 125 | 73/74            | 1534                | 3382 | 1654                                | 3646 |

\* Unit performance measured according to ISO 1217, Annex E, Edition 4  
Maximum working pressure for VSD machines: 13 bar(e) (188 psig)



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**APPENDIX F**  
**DESIGN CALCULATIONS**

Tetra Tech

Air Sparge Pressure Calculation

|                                                |                 |                  |  |  |               |
|------------------------------------------------|-----------------|------------------|--|--|---------------|
| SITE: CCF East Air Sparge System               | CHECKED BY: MJJ | BY: JBL          |  |  | PAGE: 1 OF 21 |
| SUBJECT: Wellhead Pressure and Line Loss Calc. | FILE No:        | DATE: 08/30/2021 |  |  |               |

Design Wellhead Pressure Calculation:

|                                        | Shallow (S) | Shallow Inter. (SI) | Inter. (I) | Deep (D) | Deep Deep (DD) | Deep Deep Deep (DDD) |
|----------------------------------------|-------------|---------------------|------------|----------|----------------|----------------------|
| Well Screen Depth                      | 15.0        | 25.0                | 35.0       | 45.0     | 50.0           | 61.0                 |
| DTW (average)                          | 5.0         | 5.0                 | 5.0        | 5.0      | 5.0            | 5.0                  |
| Water Column                           | 10.0        | 20.0                | 30.0       | 40.0     | 45.0           | 56.0                 |
| S.G. <sub>water</sub>                  | 1.0         | 1.0                 | 1.0        | 1.0      | 1.0            | 1.0                  |
| S.G. <sub>soil</sub>                   | 2.68        | 2.66                | 2.65       | 2.65     | 2.65           | 2.65                 |
| Porosity                               | 0.30        | 0.30                | 0.30       | 0.30     | 0.30           | 0.30                 |
| P <sub>soil column</sub>               | 8.1         | 16.1                | 24.1       | 32.2     | 36.2           | 45.0                 |
| P <sub>watercolumn</sub>               | 1.3         | 2.6                 | 3.9        | 5.2      | 5.9            | 7.3                  |
| P <sub>total overburden pressure</sub> | 9.4         | 18.7                | 28.0       | 37.4     | 42.0           | 52.3                 |
| %Maximum Overburden Pressure           | 70%         | 70%                 | 70%        | 70%      | 70%            | 70%                  |
| P <sub>design wellhead (gauge)</sub>   | 6.6         | 13.1                | 19.6       | 26.1     | 29.4           | 36.6                 |

Design Information:

| AS Zone | Zone   | Leg | Depth (ft bls) | ASWs    | Flow Rate/ASW (scfm) | Lateral Flow Rate (scfm) | Flow Rate/ Zone (scfm) | Header Flow Rate (scfm) | Header Length | Header Type | Max Lateral Length | Lateral Type |
|---------|--------|-----|----------------|---------|----------------------|--------------------------|------------------------|-------------------------|---------------|-------------|--------------------|--------------|
| S-1     | Zone 1 | A   | 15             | 4       | 5                    | 20                       | 235                    | 235                     | 965.6         | Steel       | 314.6              | Steel        |
| SI-2    | Zone 1 | A   | 25             | 4       | 5                    | 20                       | 235                    | 235                     | 965.6         | Steel       | 112.5              | Steel        |
| SI-1    | Zone 1 | B   | 25             | 4       | 5                    | 20                       | 235                    | 235                     | 1,341         | Steel       | 100.4              | HDPE         |
| I-2     | Zone 1 | A   | 35             | 13      | 5                    | 65                       | 235                    | 235                     | 965.6         | Steel       | 265.4              | Steel        |
| I-1     | Zone 1 | B   | 35             | 11      | 5                    | 55                       | 235                    | 235                     | 1,341         | Steel       | 240.1              | HDPE         |
| D-2     | Zone 1 | A   | 45             | 7       | 5                    | 35                       | 235                    | 235                     | 965.6         | Steel       | 182.4              | Steel        |
| D-1     | Zone 1 | B   | 45             | 4       | 5                    | 20                       | 235                    | 235                     | 1,341         | Steel       | 253.2              | HDPE         |
| DD-2    | Zone 2 | A   | 50             | 27      | 5                    | 135                      | 205                    | 205                     | 965.6         | Steel       | 330.3              | Steel        |
| DD-1    | Zone 2 | B   | 50             | 11      | 5                    | 55                       | 205                    | 205                     | 1,341         | Steel       | 183.0              | HDPE         |
| DDD-1   | Zone 2 | A   | 61             | 3       | 5                    | 15                       | 205                    | 205                     | 965.6         | Steel       | 182.4              | Steel        |
| Total   |        |     |                | 88 ASWs |                      | 440 cfm                  |                        |                         |               |             |                    |              |

| Air Conveyance Line Loss Calculation:         | Zone S-1 |             | Zone SI-1 |             | Zone SI-2 |             | Zone I-1 |             | Zone I-2 |             | Zone D-1 |             | Zone D-2 |             | Zone DD-1 |             | Zone DD-2 |             | Zone DDD-1 |             |
|-----------------------------------------------|----------|-------------|-----------|-------------|-----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|-----------|-------------|-----------|-------------|------------|-------------|
|                                               | Header   | Max Lateral | Header    | Max Lateral | Header    | Max Lateral | Header   | Max Lateral | Header   | Max Lateral | Header   | Max Lateral | Header   | Max Lateral | Header    | Max Lateral | Header    | Max Lateral | Header     | Max Lateral |
| D, Nominal Pipe Diam (in)                     | 2        | 1           | 2         | 1           | 2         | 1           | 2        | 1           | 2        | 1           | 2        | 1           | 2        | 1           | 2         | 1           | 2         | 1           | 2          | 1           |
| L, Pipe Length (ft) * 1.25                    | 1207     | 412         | 1676      | 157         | 1207      | 172         | 1676     | 344         | 1207     | 376         | 1676     | 373         | 1207     | 284         | 1676      | 291         | 1207      | 475         | 1207       | 304         |
| Q, Air Flow Rate (cfm)                        | 235      | 5           | 235       | 5           | 235       | 5           | 235      | 5           | 235      | 5           | 235      | 5           | 235      | 5           | 205       | 5           | 205       | 5           | 205        | 5           |
| f, Friction Factor (in. w.c./ft) <sup>2</sup> | 0.448    | 0.016       | 0.361     | 0.012       | 0.386     | 0.013       | 0.318    | 0.010       | 0.335    | 0.010       | 0.283    | 0.008       | 0.296    | 0.009       | 0.213     | 0.008       | 0.220     | 0.008       | 0.194      | 0.007       |
| Quantity of 45 deg. Elbows                    | 2        | 0           | 3         | 0           | 2         | 0           | 3        | 0           | 2        | 0           | 3        | 0           | 2        | 0           | 3         | 0           | 2         | 0           | 2          | 0           |
| Quantity of 90 deg. Elbows                    | 5        | 2           | 8         | 2           | 5         | 2           | 8        | 2           | 5        | 2           | 8        | 2           | 5        | 2           | 8         | 2           | 5         | 2           | 5          | 2           |
| Quantity of Gate Valves (Fully Open)          | 1        | 1           | 1         | 1           | 1         | 1           | 1        | 1           | 1        | 1           | 1        | 1           | 1        | 1           | 1         | 1           | 1         | 1           | 1          | 1           |
| Quantity of Branch Tees                       | 1        | 1           | 1         | 1           | 1         | 1           | 1        | 1           | 1        | 1           | 1        | 1           | 1        | 1           | 1         | 1           | 1         | 1           | 1          | 1           |
| Total Equivalent Length                       | 1252     | 424         | 1739      | 169         | 1252      | 184         | 1739     | 356         | 1252     | 387         | 1739     | 385         | 1252     | 296         | 1739      | 303         | 1252      | 487         | 1252       | 316         |
| Line Friction Loss (in. w.c.)                 | 560.3    | 6.9         | 627.9     | 2.0         | 483.0     | 2.3         | 553.2    | 3.5         | 419.9    | 3.9         | 492.1    | 3.2         | 370.1    | 2.5         | 369.9     | 2.3         | 274.9     | 3.9         | 242.4      | 2.2         |
| Line Friction Loss (psi)                      | 20.2     | 0.3         | 22.7      | 0.1         | 17.5      | 0.1         | 20.0     | 0.1         | 15.2     | 0.1         | 17.8     | 0.1         | 13.4     | 0.1         | 13.4      | 0.1         | 9.9       | 0.1         | 8.8        | 0.1         |

Pressure Summary:

|                                         |          |          |          |          |          |          |          |          |          |          |
|-----------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Header Line Loss                        | 20.2 psi | 22.7 psi | 17.5 psi | 20.0 psi | 15.2 psi | 17.8 psi | 13.4 psi | 13.4 psi | 9.9 psi  | 8.8 psi  |
| Lateral Line Loss                       | 0.3 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  | 0.1 psi  |
| Distribution Manifold Equipment Loss    | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  | 5.0 psi  |
| Individual Well Pressure Regulator Loss | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  |
| Header Line Pressure Regulator Loss     | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  | 2.0 psi  |
| Wellhead Pressure                       | 6.6 psi  | 13.1 psi | 13.1 psi | 19.6 psi | 19.6 psi | 26.1 psi | 26.1 psi | 29.4 psi | 29.4 psi | 36.6 psi |

<sup>1</sup> Header line losses are calculated for individual lines and does not account for actual quantity of header lines

<sup>2</sup> Refer to subsequent friction factor calculations (turbulant flow assumed)

Pressure Calculation Results Summary

| Zone | AS Zone | Leg | Depth (ft bls) | ASW | Total ASWs | Flow (scfm) | Total Flow (scfm) | Header Regulator Pressure (psi) | Individual Well Regulator Pressure (psi) |
|------|---------|-----|----------------|-----|------------|-------------|-------------------|---------------------------------|------------------------------------------|
| 1    | S-1     | A   | 15             | 4   | 47         | 20          | 235               | 36.1                            | 13.9                                     |
|      | SI-2    | A   | 25             | 4   |            | 20          |                   | 39.6                            | 20.2                                     |
|      | I-2     | A   | 35             | 13  |            | 65          |                   | 43.9                            | 26.8                                     |
|      | D-2     | A   | 45             | 7   |            | 35          |                   | 48.6                            | 33.2                                     |
|      | SI-1    | B   | 25             | 4   |            | 20          |                   | 44.9                            | 20.2                                     |
|      | I-1     | B   | 35             | 11  |            | 55          |                   | 48.7                            | 26.7                                     |
|      | D-1     | B   | 45             | 4   |            | 20          |                   | 53.0                            | 33.3                                     |
| 2    | DD-2    | A   | 50             | 27  | 41         | 135         | 205               | 48.5                            | 36.6                                     |
|      | DDD-1   | A   | 61             | 3   |            | 15          |                   | 54.4                            | 43.7                                     |
|      | DD-1    | B   | 50             | 11  |            | 55          |                   | 51.9                            | 36.5                                     |

Note:

Yellow shading indicates maximum header pressure to meet the wellhead design pressures for each zone.

Each zone represents a header conveyance line. Two header lines will be utilized for compressed air delivery to system

Fitting Equivalent Pipe Lengths (ft)

|                         | 1" ID | 2" ID |
|-------------------------|-------|-------|
| Elbows (45 deg)         | 1.3   | 2.5   |
| Elbows (90 deg)         | 2.7   | 5.5   |
| Gate Valve (Fully Open) | 0.6   | 1.2   |
| Branch Tee              | 5.8   | 11.0  |

### Friction factor calculation (Shallow 1 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 41.05 psi                    | or | 283016.4313 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 3980.74 feet/min             | or | 20.22 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.26 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.021                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 41.048065 psi           | or | 283016.4313 Pa         |
| L  | pipe length                            | 1207 feet               | or | 368 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 21.5 psi                | or | 148539 Pa              |
| DP | pipe pressure loss                     | 19.50 psi               | or | 134477 Pa              |
| P2 | pressure at end of pipe (gauge)        | 6.8 psi                 |    |                        |

### Friction factor calculation (Shallow 1 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 21.54 psi                    | or | 148539.2216 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 645.50 feet/min              |    | 3.28 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 1.71 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.037                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 21.543794 psi           | or | 148539.2216 Pa         |
| L  | pipe length                            | 412 feet                | or | 126 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 21.3 psi                | or | 146862 Pa              |
| DP | pipe pressure loss                     | 0.24 psi                | or | 1677 Pa                |
| P2 | pressure at end of pipe (gauge)        | 6.6 psi                 |    |                        |



### Friction factor calculation (Shallow Intermediate 1 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 49.72 psi                    | or | 342834.4733 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 3286.17 feet/min             | or | 16.69 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.95 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | <b>0.021</b>                    |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 49.723939 psi           | or | 342834.4733 Pa         |
| L  | pipe length                            | 1676 feet               | or | 511 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 27.9 psi                | or | 192257 Pa              |
| DP | pipe pressure loss                     | 21.84 psi               | or | 150577 Pa              |
| P2 | pressure at end of pipe (gauge)        | 13.2 psi                |    |                        |

### Friction factor calculation (Shallow Intermediate 1 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 27.88 psi                    | or | 192257.2793 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 498.72 feet/min              |    | 2.53 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 2.22 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (PVC, plastic)                        |                              |    | 0.00002 m                       |
| f    | pipe friction coefficient                            |                              |    | 0.035                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 27.884562 psi           | or | 192257.2793 Pa         |
| L  | pipe length                            | 157 feet                | or | 48 meters              |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 27.8 psi                | or | 191786 Pa              |
| DP | pipe pressure loss                     | 0.07 psi                | or | 472 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 13.1 psi                |    |                        |

## Friction factor calculation (Shallow Intermediate 2 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 44.71 psi                    | or | 308257.6183 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 3654.78 feet/min             | or | 18.57 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.55 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | <b>0.021</b>                    |

## Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 44.70899 psi            | or | 308257.6183 Pa         |
| L  | pipe length                            | 1207 feet               | or | 368 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 27.9 psi                | or | 192324 Pa              |
| DP | pipe pressure loss                     | 16.81 psi               | or | 115934 Pa              |
| P2 | pressure at end of pipe (gauge)        | 13.2 psi                |    |                        |

### Friction factor calculation (Shallow Intermediate 2 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                          |                              |    |                                 |
|------|----------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions                   | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)        | 27.89 psi                    | or | 192323.5795 Pa                  |
| T    | pipe air temperature                                     | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                            | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                              | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                                  | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                                  | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A * (Pst/P1) * (T/Tst)$ ) | 498.55 feet/min              |    | 2.53 m/sec                      |
| mu   | dynamic viscosity at reference temperature               | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                    |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature                  |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )        |                              |    | 2.22 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                                   |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)                   |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                                |                              |    | 0.037                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 27.894178 psi           | or | 192323.5795 Pa         |
| L  | pipe length                            | 172 feet                | or | 52 meters              |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 27.8 psi                | or | 191785 Pa              |
| DP | pipe pressure loss                     | 0.08 psi                | or | 538 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 13.1 psi                |    |                        |



### Friction factor calculation (Intermediate 1 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 53.67 psi                    | or | 370043.1566 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 3044.55 feet/min             | or | 15.47 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.26 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.021                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 53.670225 psi           | or | 370043.1566 Pa         |
| L  | pipe length                            | 1676 feet               | or | 511 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 34.4 psi                | or | 237401 Pa              |
| DP | pipe pressure loss                     | 19.24 psi               | or | 132642 Pa              |
| P2 | pressure at end of pipe (gauge)        | 19.7 psi                |    |                        |

### Friction factor calculation (Intermediate 1 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                          |                              |    |                                 |
|------|----------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions                   | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)        | 34.43 psi                    | or | 237401.186 Pa                   |
| T    | pipe air temperature                                     | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                            | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                              | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                                  | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                                  | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A * (Pst/P1) * (T/Tst)$ ) | 403.88 feet/min              |    | 2.05 m/sec                      |
| mu   | dynamic viscosity at reference temperature               | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                    |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature                  |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )        |                              |    | 2.74 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                                   |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (PVC, plastic)                            |                              |    | 0.00002 m                       |
| f    | pipe friction coefficient                                |                              |    | 0.035                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 34.432132 psi           | or | 237401.186 Pa          |
| L  | pipe length                            | 344 feet                | or | 105 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 34.3 psi                | or | 236563 Pa              |
| DP | pipe pressure loss                     | 0.12 psi                | or | 839 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 19.6 psi                |    |                        |

## Friction factor calculation (Intermediate 2 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 49.07 psi                    | or | 338301.3467 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 3330.21 feet/min             | or | 16.92 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.90 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | <b>0.021</b>                    |

## Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 49.066464 psi           | or | 338301.3467 Pa         |
| L  | pipe length                            | 1207 feet               | or | 368 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 34.4 psi                | or | 237515 Pa              |
| DP | pipe pressure loss                     | 14.62 psi               | or | 100786 Pa              |
| P2 | pressure at end of pipe (gauge)        | 19.7 psi                |    |                        |

### Friction factor calculation (Intermediate 2 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 34.45 psi                    | or | 237515.0545 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 403.69 feet/min              |    | 2.05 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 2.74 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.037                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 34.448648 psi           | or | 237515.0545 Pa         |
| L  | pipe length                            | 376 feet                | or | 114 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 34.3 psi                | or | 236563 Pa              |
| DP | pipe pressure loss                     | 0.14 psi                | or | 952 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 19.6 psi                |    |                        |

## Friction factor calculation (Deep 1 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 58.07 psi                    | or | 400400.165 Pa                   |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 2813.72 feet/min             | or | 14.29 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.61 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.021                           |

## Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 58.073137 psi           | or | 400400.165 Pa          |
| L  | pipe length                            | 1676 feet               | or | 511 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 41.0 psi                | or | 282396 Pa              |
| DP | pipe pressure loss                     | 17.12 psi               | or | 118004 Pa              |
| P2 | pressure at end of pipe (gauge)        | 26.3 psi                |    |                        |



### Friction factor calculation (Deep 1 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 40.96 psi                    | or | 282396.3129 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 339.53 feet/min              |    | 1.72 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.25 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (PVC, plastic)                        |                              |    | 0.00002 m                       |
| f    | pipe friction coefficient                            |                              |    | 0.035                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 40.958124 psi           | or | 282396.3129 Pa         |
| L  | pipe length                            | 373 feet                | or | 114 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 40.8 psi                | or | 281632 Pa              |
| DP | pipe pressure loss                     | 0.11 psi                | or | 764 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 26.1 psi                |    |                        |

## Friction factor calculation (Deep 2 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 235 SCFM                     | or | 0.110907649 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 53.82 psi                    | or | 371070.1576 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 3036.12 feet/min             | or | 15.42 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.28 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.78E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | <b>0.021</b>                    |

## Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 53.819178 psi           | or | 371070.1576 Pa         |
| L  | pipe length                            | 1207 feet               | or | 368 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 17.63 lb/min            |    | 0.1335 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 40.9 psi                | or | 282239 Pa              |
| DP | pipe pressure loss                     | 12.88 psi               | or | 88831 Pa               |
| P2 | pressure at end of pipe (gauge)        | 26.2 psi                |    |                        |

### Friction factor calculation (Deep 2 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 40.94 psi                    | or | 282238.6611 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 339.72 feet/min              |    | 1.73 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.25 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.037                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 40.935259 psi           | or | 282238.6611 Pa         |
| L  | pipe length                            | 284 feet                | or | 87 meters              |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 40.8 psi                | or | 281632 Pa              |
| DP | pipe pressure loss                     | 0.09 psi                | or | 606 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 26.1 psi                |    |                        |

### Friction factor calculation (Deep Deep 1 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 205 SCFM                     | or | 0.096749226 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 57.06 psi                    | or | 393429.5538 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 2498.01 feet/min             | or | 12.69 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.53 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.55E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.021                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 57.062135 psi           | or | 393429.5538 Pa         |
| L  | pipe length                            | 1676 feet               | or | 511 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 15.38 lb/min            |    | 0.1165 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 44.2 psi                | or | 304720 Pa              |
| DP | pipe pressure loss                     | 12.87 psi               | or | 88709 Pa               |
| P2 | pressure at end of pipe (gauge)        | 29.5 psi                |    |                        |

### Friction factor calculation (Deep Deep 1 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                          |                              |    |                                 |
|------|----------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions                   | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)        | 44.20 psi                    | or | 304720.2804 Pa                  |
| T    | pipe air temperature                                     | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                            | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                              | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                                  | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                                  | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A * (Pst/P1) * (T/Tst)$ ) | 314.66 feet/min              |    | 1.60 m/sec                      |
| mu   | dynamic viscosity at reference temperature               | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                    |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature                  |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )        |                              |    | 3.51 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                                   |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (PVC, plastic)                            |                              |    | 0.00002 m                       |
| f    | pipe friction coefficient                                |                              |    | 0.035                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 44.195942 psi           | or | 304720.2804 Pa         |
| L  | pipe length                            | 291 feet                | or | 89 meters              |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 44.1 psi                | or | 304167 Pa              |
| DP | pipe pressure loss                     | 0.08 psi                | or | 553 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 29.4 psi                |    |                        |



## Friction factor calculation (Deep Deep 2 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 205 SCFM                     | or | 0.096749226 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 53.82 psi                    | or | 371076.4843 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 2648.49 feet/min             | or | 13.45 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.28 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.55E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | <b>pipe friction coefficient</b>                     |                              |    | <b>0.021</b>                    |

## Pressure loss calculation

|           |                                               |                         |           |                        |
|-----------|-----------------------------------------------|-------------------------|-----------|------------------------|
| P1        | pipe inlet absolute pressure                  | 53.820096 psi           | or        | 371076.4843 Pa         |
| L         | pipe length                                   | 1207 feet               | or        | 368 meters             |
| R         | gas constant                                  |                         |           | 286.9 J/(kg*K)         |
| T         | pipe air temperature                          | 85 deg. F               | or        | 302 deg. K             |
| r         | air density at standard conditions            | 0.075 lb/f <sup>3</sup> | or        | 1.20 kg/m <sup>3</sup> |
| w         | mass flow rate $W = Q * r$                    | 15.38 lb/min            |           | 0.1165 kg/sec          |
| <b>P2</b> | <b>pressure at the end of pipe (absolute)</b> | <b>44.3 psi</b>         | <b>or</b> | <b>305106 Pa</b>       |
| <b>DP</b> | <b>pipe pressure loss</b>                     | <b>9.57 psi</b>         | <b>or</b> | <b>65971 Pa</b>        |
| <b>P2</b> | <b>pressure at end of pipe (gauge)</b>        | <b>29.6 psi</b>         |           |                        |

### Friction factor calculation (Deep Deep 2 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 44.25 psi                    | or | 305105.6442 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 314.26 feet/min              |    | 1.60 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 3.52 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.037                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 44.251834 psi           | or | 305105.6442 Pa         |
| L  | pipe length                            | 475 feet                | or | 145 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 44.1 psi                | or | 304167 Pa              |
| DP | pipe pressure loss                     | 0.14 psi                | or | 938 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 29.4 psi                |    |                        |

### Friction factor calculation (Deep Deep Deep 1 Header)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 205 SCFM                     | or | 0.096749226 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 59.82 psi                    | or | 412442.9244 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70 psi                    |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 2 inches                     | or | 0.0508 meters                   |
| A    | pipe cross section area                              | 3.1415927 sq. in.            | or | 0.00202683 square meters        |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 2382.85 feet/min             | or | 12.10 m/sec                     |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 f <sup>2</sup> /sec | or | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.75 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 1.55E+05 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.021                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 59.819791 psi           | or | 412442.9244 Pa         |
| L  | pipe length                            | 1207 feet               | or | 368 meters             |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 15.38 lb/min            |    | 0.1165 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 51.4 psi                | or | 354261 Pa              |
| DP | pipe pressure loss                     | 8.44 psi                | or | 58182 Pa               |
| P2 | pressure at end of pipe (gauge)        | 36.7 psi                |    |                        |

### Friction factor calculation (Deep Deep Deep 1 Lateral)

For turbulent flow:

$$f=1.35/[\ln(e/(3.7*D) + 5.74/Re^{0.9})]^2$$

|      |                                                      |                              |    |                                 |
|------|------------------------------------------------------|------------------------------|----|---------------------------------|
| Q    | volumetric flow at standard conditions               | 5 SCFM                       | or | 0.002359737 m <sup>3</sup> /sec |
| P1   | pipe inlet absolute pressure (assumed as average)    | 51.38 psi                    | or | 354261.0094 Pa                  |
| T    | pipe air temperature                                 | 85 deg. F                    | or | 302 deg. K                      |
| Pst  | standard atmospheric pressure                        | 14.70                        |    | 101325 Pa                       |
| Tst  | standard temperature (NIST)                          | 68 deg. F                    | or | 293 deg. K                      |
| D    | pipe ID                                              | 1 inches                     | or | 0.0254 meters                   |
| A    | pipe cross section area                              | 0.7853982 sq. in.            | or | 0.000506707 square meters       |
| V    | actual fluid velocity ( $V = Q/A*(Pst/P1)*(T/Tst)$ ) | 270.65 feet/min              |    | 1.37 m/sec                      |
| mu   | dynamic viscosity at reference temperature           | 1.64E-04 l <sup>2</sup> /sec |    | 1.83E-05 kg/(m*sec)             |
| Tref | reference temperature                                |                              |    | 291.15 deg. K                   |
| mu   | dynamic viscosity at actual temperature              |                              |    | 1.88E-05 kg/(m*sec)             |
| ro   | air density at inlet conditions ( $ro=P1/(R*T)$ )    |                              |    | 4.08 kg/m <sup>3</sup>          |
| Re   | $Re = V * D * ro / mu$                               |                              |    | 7.57E+03 turbulent              |
| e    | pipe roughness (Steel Commercial Pipe)               |                              |    | 0.000045 m                      |
| f    | pipe friction coefficient                            |                              |    | 0.037                           |

### Pressure loss calculation

|    |                                        |                         |    |                        |
|----|----------------------------------------|-------------------------|----|------------------------|
| P1 | pipe inlet absolute pressure           | 51.381218 psi           | or | 354261.0094 Pa         |
| L  | pipe length                            | 304 feet                | or | 93 meters              |
| R  | gas constant                           |                         |    | 286.9 J/(kg*K)         |
| T  | pipe air temperature                   | 85 deg. F               | or | 302 deg. K             |
| r  | air density at standard conditions     | 0.075 lb/f <sup>3</sup> | or | 1.20 kg/m <sup>3</sup> |
| w  | mass flow rate $W = Q * r$             | 0.38 lb/min             |    | 0.0028 kg/sec          |
| P2 | pressure at the end of pipe (absolute) | 51.3 psi                | or | 353744 Pa              |
| DP | pipe pressure loss                     | 0.07 psi                | or | 517 Pa                 |
| P2 | pressure at end of pipe (gauge)        | 36.6 psi                |    |                        |

**CCF East Air Sparge Alternative - AS wells above 50 ft bls**  
**Emission Bubble Calculations - Summary**

**Emissions**

| Site           | Max Emission Rate (t = 0)<br>(lb/day) |           |           | First Year Emissions<br>(lb) |           |           |
|----------------|---------------------------------------|-----------|-----------|------------------------------|-----------|-----------|
|                | TCE                                   | Total VOC | Freon-113 | TCE                          | Total VOC | Freon-113 |
| CCFe (85 ASWs) | 0.01                                  | 0.07      | 0.03      | 2.1                          | 19.6      | 7.3       |

**Note:**

KSC Title V limits actual air emissions from each activity less than 1,000 pounds per year of any individual HAP, 2,500 pounds per year of total HAP, and 5 tons per year of VOC

**Cleanup Timeframe**

| Contaminant | Co Max<br>(ug/L) | Co Ave<br>(ug/L)* | Ct<br>(ug/L)* | t Max<br>(years) | t Ave<br>(years) |
|-------------|------------------|-------------------|---------------|------------------|------------------|
| TCE         | 2,800            | 34                | 300           | 2.11             | 2.05             |
| cDCE        | 5,500            | 164               | 700           | 1.94             | 1.37             |
| VC          | 3,700            | 124               | 100           | 3.40             | 0.20             |
| Total VOCs  | 12,000           | 322               | 1,100         | 2.25             | 1.16             |
| Freon-113   | 9,800            | 114               | 1             | 8.02             | 4.13             |

**Note:**

C(t) = Concentration at end of duration or RAO's (ug/L)

C(o)max = Initial Maximum Concentration (ug/L)

C(o)ave = Initial Weighted Average Concentration (ug/L)

e = base of the natural log (approx. 2.71828)

B = first order differential rate constant

t = duration (solving for)

**Emission Rates**

| Time<br>(day)                 | TCE<br>(lb/day) | cDCE<br>(lb/day) | VC<br>(lb/day) | Total VOCs<br>(lb/day) | Freon-113<br>(lb/day) |
|-------------------------------|-----------------|------------------|----------------|------------------------|-----------------------|
| 0                             | 0.01            | 0.04             | 0.03           | 0.07                   | 0.03                  |
| 30                            | 0.01            | 0.03             | 0.02           | 0.06                   | 0.02                  |
| 180                           | 0.00            | 0.02             | 0.02           | 0.04                   | 0.02                  |
| 365                           | 0.00            | 0.01             | 0.01           | 0.02                   | 0.01                  |
| Total Emission 1st Year (lb): | 2               | 10               | 8              | 20                     | 7                     |



## AIR SPARGING CLEANUP DURATION ESTIMATION

|                                                                                                                      |           |             |     |
|----------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----|
| CLIENT SITE NO.:                                                                                                     | CCF East  | By:         | JBL |
| TTNUS PROJECT NO.:                                                                                                   |           | Checked By: | MJJ |
| DATE CALCULATED:                                                                                                     | 8/13/2021 |             |     |
| (Source: "Air Sparging Model for Predicting Groundwater Cleanup Rate" K.L. Sellers and R.P Schreiber, CDM Inc. 1992) |           |             |     |

The following first order decay/rate equation may be used to estimate a conservative time for the contaminants of concern concentrations to be reduced below the remedial action objectives. This model calculates both the average and maximum clean-up times as dictated by the initial concentrations.

$$C_{(t)} = C_{(o)} \times e^{-Bt}$$

Variables:

$C_{(t)}$  = Concentration at end of duration or RAO's (ug/L)

$C_{(o)max}$  = Initial Maximum Concentration (ug/L)

$C_{(o)ave}$  = Initial Weighted Average Concentration (ug/L)

e = base of the natural log (approx. 2.71828)

B = first order differential rate constant

t = duration (solving for)

Solving for t rec

$$t = \ln(C_{(t)}/C_{(o)}) / -B$$

| CONTAMINANT TYPE | $C_o$ Max (ug/l)* | $C_o$ Ave (ug/L)* | $C_t$ (ug/L)* | t Max (years) | t Ave (years) |
|------------------|-------------------|-------------------|---------------|---------------|---------------|
| TCE              | 2,800             | 34                | 300           | 2.1           | 2.0           |
| cDCE             | 5,500             | 164               | 700           | 1.9           | 1.4           |
| VC               | 3,700             | 124               | 100           | 3.4           | 0.2           |
| Total VOCs       | 12,000            | 322               | 1100          | 2.3           | 1.2           |
| Freon-113        | 9,800             | 114               | 1             | 8.0           | 4.13          |

## AIR SPARGING CLEANUP DURATION ESTIMATION

|                                                                                                                      |           |             |     |
|----------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----|
| CLIENT SITE NO.:                                                                                                     | CCF East  | By:         | JBL |
| TTNUS PROJECT NO.:                                                                                                   |           | Checked By: | MJJ |
| DATE CALCULATED:                                                                                                     | 8/13/2021 |             |     |
| (Source: "Air Sparging Model for Predicting Groundwater Cleanup Rate" K.L. Sellers and R.P Schreiber, CDM Inc. 1992) |           |             |     |

The first order rate coefficient B can be calculated by the following equation.

$$B = f \times d \times D/L \times S/V \times H/v \times Q/V_s$$

### Variables:

|                                                                                  |                  |           |         |
|----------------------------------------------------------------------------------|------------------|-----------|---------|
| f = Fraction of plume sparged (unitless)                                         | f =              | 1.0       | assumed |
| d = Fraction of 24-hour day unit operates (unitless)                             | d =              | 0.5       | assumed |
| D = Contaminant diffusion coefficient (m <sup>2</sup> /s)                        | D =              | see below |         |
| L = Diffusive distance around bubble (m) [Recalculated using Site-1              | L =              | 2.42E-03  |         |
| S/V = effective surface area to volume ratio of a bubble (m <sup>-1</sup> )      | S/V =            | 1237.8    |         |
| H = Depth of screen below water table (m)                                        | H =              | 11.6      |         |
| v = Bubble terminal Rise velocity (m/s)                                          | v =              | 2.38E-01  |         |
| Q = Total air flow (m <sup>3</sup> /s)                                           | Q =              | 9.34E-02  |         |
| V <sub>s</sub> = Volume of water in plume that contact bubbles (m <sup>3</sup> ) | V <sub>s</sub> = | 34352.3   |         |

| CONTAMINANT TYPE | D (m <sup>2</sup> /s) | B (sec <sup>-1</sup> ) | B (yr <sup>-1</sup> ) |
|------------------|-----------------------|------------------------|-----------------------|
| Total VOCs       | 1.00E-09              | 3.36E-08               | 1.06E+00              |
| Freon-113        | 1.08E-09              | 3.63E-08               | 1.15E+00              |

# AIR SPARGING CLEANUP DURATION ESTIMATION

|                                                                                                                                                                                                                                                |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| CLIENT SITE NO.: <span style="color: blue;">CCF East</span>                                                                                                                                                                                    |                                                       |
| TTNUS PROJECT NO.:                                                                                                                                                                                                                             | By: <span style="color: blue;">JBL</span>             |
| DATE CALCULATED: <span style="color: blue;">8/13/2021</span>                                                                                                                                                                                   | Checked By: <span style="color: blue;">MJJ</span>     |
| (Source: "Air Sparging Model for Predicting Groundwater Cleanup Rate" K.L. Sellers and R.P. Schreiber, CDM Inc. 1992)                                                                                                                          |                                                       |
| <b>Estimation of Contaminant Diffusion Coefficient</b>                                                                                                                                                                                         |                                                       |
| <b>Volatiles = <span style="color: blue;">1.00E-09</span> m<sup>2</sup>/s</b><br><b>Semi-Volatiles = <span style="color: blue;">8.00E-10</span> m<sup>2</sup>/s</b><br><b>CFC = <span style="color: blue;">1.08E-09</span> m<sup>2</sup>/s</b> | Based on CFC-12 (see picture on right)                |
| <b>Calculate the diffusive distance around bubble (L)</b>                                                                                                                                                                                      |                                                       |
| This model assumes $L = r$                                                                                                                                                                                                                     |                                                       |
| Where $r$ is equal to the effective radius of the bubble                                                                                                                                                                                       |                                                       |
| $r = 2 \times R \times \{6\sigma/[R^2 \times (P_w - P_a) \times g]\}^{1/3}$                                                                                                                                                                    |                                                       |
| Given                                                                                                                                                                                                                                          |                                                       |
| <b>R = <span style="color: blue;">3.99E-05</span> m</b>                                                                                                                                                                                        | (orifice diameter of the sparger or well screen slot) |
| <b><math>\sigma</math> = <span style="color: blue;">0.0728</span> N/m</b>                                                                                                                                                                      | (air water surface tension)                           |
| <b>P<sub>w</sub> = <span style="color: blue;">1000</span> kg/m<sup>3</sup></b>                                                                                                                                                                 | (density of water)                                    |
| <b>P<sub>a</sub> = <span style="color: blue;">1.29</span> kg/m<sup>3</sup></b>                                                                                                                                                                 | (density of air at 50F)                               |
| <b>g = <span style="color: blue;">9.8</span> m/s<sup>2</sup></b>                                                                                                                                                                               | (acceleration due to gravity)                         |
| <b>well slot = <span style="color: blue;">0.001570</span> in</b>                                                                                                                                                                               | Schuma well screen (40 micron)                        |
| <b>L = r = <span style="color: blue;">2.42E-03</span> m</b>                                                                                                                                                                                    |                                                       |
| S/V is the effective surface area to volun                                                                                                                                                                                                     | 3                                                     |
|                                                                                                                                                                                                                                                | 7                                                     |
| S/V = $3/r$                                                                                                                                                                                                                                    | 10                                                    |
|                                                                                                                                                                                                                                                | 1                                                     |
| r is calculated above, therefore                                                                                                                                                                                                               | 21                                                    |
| <b>S/V = <span style="color: blue;">1237.8</span> m<sup>-1</sup></b>                                                                                                                                                                           |                                                       |
| <b>v is the terminal rise velocity of a bubble</b>                                                                                                                                                                                             |                                                       |
| $v = \{1.04 \times g \times r + (1.07 \times \sigma)/(r \times P_w)\}^{1/2}$                                                                                                                                                                   |                                                       |
| Where:                                                                                                                                                                                                                                         |                                                       |
| <b>g = <span style="color: blue;">9.8</span> m/s<sup>2</sup></b>                                                                                                                                                                               | (acceleration due to gravity)                         |
| <b>r = <span style="color: blue;">2.42E-03</span> m</b>                                                                                                                                                                                        | (calculated above)                                    |
| <b><math>\sigma</math> = <span style="color: blue;">0.0728</span> N/m</b>                                                                                                                                                                      | (air water surface tension)                           |
| <b>P<sub>w</sub> = <span style="color: blue;">1000</span> kg/m<sup>3</sup></b>                                                                                                                                                                 | (density of water)                                    |
| <b>v = <span style="color: blue;">0.238</span> m/s</b>                                                                                                                                                                                         |                                                       |

## AIR SPARGING CLEANUP DURATION ESTIMATION

The height H is equal to the average total depth of the sparge well to the water table

|              |             |           |  |
|--------------|-------------|-----------|--|
| <b>TD =</b>  | <b>42.9</b> | <b>ft</b> |  |
| <b>DTW =</b> | <b>5.0</b>  | <b>ft</b> |  |
|              |             |           |  |
| <b>H =</b>   | <b>37.9</b> | <b>ft</b> |  |
| <b>H =</b>   | <b>11.6</b> | <b>m</b>  |  |

Weighted average of well #'s and depths

The air flow rate is determined by the number of sparge wells and a correction for pressure caused by well depth

$Q = \# \text{ wells} \times \text{flow rate per well} \times \text{adjustment for pressure}$

|                    |                 |                        |                                                                |
|--------------------|-----------------|------------------------|----------------------------------------------------------------|
| <b># wells =</b>   | <b>85</b>       | <b>unitless</b>        |                                                                |
| <b>flow/well =</b> | <b>5.0</b>      | <b>SCFM</b>            |                                                                |
| <b>TD =</b>        | <b>42.9</b>     | <b>ft</b>              | Based on compressor rating of 250 cfm and combined design scfm |
| <b>DTW =</b>       | <b>5.0</b>      | <b>ft</b>              | Weighted average of well #'s and depths                        |
| <b>ADJF =</b>      | <b>0.47</b>     | <b>unitless</b>        |                                                                |
|                    |                 |                        |                                                                |
| <b>Q =</b>         | <b>197.81</b>   | <b>CFM</b>             |                                                                |
|                    |                 |                        |                                                                |
| <b>Q =</b>         | <b>9.34E-02</b> | <b>m<sup>3</sup>/s</b> |                                                                |

Volume of plume in sparged area is determined by following calculation

$V_s = A \times h \times \eta$

Where:

|                        |                  |                                                        |  |
|------------------------|------------------|--------------------------------------------------------|--|
| <b>ROI =</b>           | <b>20.0</b>      | <b>ft (Radius of Influence) - Weighted Average</b>     |  |
| <b>A =</b>             | <b>106,760</b>   | <b>ft (Radius of Influence Area * Number of Wells)</b> |  |
| <b>h =</b>             | <b>37.90</b>     | <b>ft (groundwater plume average thickness)</b>        |  |
| <b>η =</b>             | <b>0.3</b>       | <b>unitless (assumed porosity)</b>                     |  |
|                        |                  |                                                        |  |
| <b>V<sub>s</sub> =</b> | <b>1213861.2</b> | <b>ft<sup>3</sup></b>                                  |  |
|                        |                  |                                                        |  |
| <b>V<sub>s</sub> =</b> | <b>34352.3</b>   | <b>m<sup>3</sup></b>                                   |  |

## AIR SPARGING CLEANUP DURATION ESTIMATION

|                                                                                                                    |                           |
|--------------------------------------------------------------------------------------------------------------------|---------------------------|
| CLIENT SITE NO.:                                                                                                   | CCF East                  |
| TTNUS PROJECT NO.:                                                                                                 | By: JBL                   |
| DATE CALCULATED:                                                                                                   | 8/13/2021 Checked By: MJJ |
| (Source:"Air Sparging Model for Predicting Groundwater Cleanup Rate" K.L. Sellers and R.P Schreiber,CDM Inc. 1992) |                           |

### Estimate the VOC emission rate from the AS system:

Emission from air sparging:

**$V_s \times -dC(t)/dt$**

**where:  $V_s$  = plume volume = 34352 m<sup>3</sup>**

**$dC(t)/dt$  = rate of decrease of gw concentration**

**=  $C_{(0)} \times (-B) \times e^{-Bt}$**

| Time<br>(day) | TCE<br>(lb/day) | cDCE<br>(lb/day) | VC<br>(lb/day) | Total<br>(lb/day) | Freon-113<br>(lb/day) |
|---------------|-----------------|------------------|----------------|-------------------|-----------------------|
| 0             | 7.5E-03         | 3.6E-02          | 2.7E-02        | 0.071             | 0.027                 |
| 30            | 6.9E-03         | 3.3E-02          | 2.5E-02        | 0.065             | 2.5E-02               |
| 180           | 4.5E-03         | 2.1E-02          | 1.6E-02        | 0.042             | 1.5E-02               |
| 365           | 2.6E-03         | 1.3E-02          | 9.4E-03        | 0.025             | 8.6E-03               |

### Conclusion:

Emission for any single contaminant is less than 2.7 lbs per day and total is less than 6.8 lbs per day.

Therefore no vapor extraction will be required to attain the KSC Title V Air Permit requirement for Remedial Activities.



**APPENDIX G**  
**PERMITS**

Additional permitting materials will be added to field copy of the IWP as they are received.

# AVOID VERBAL ORDERS

DATE: 10/30/2020

APPROVAL VALID UNTIL: 10/30/2022

TO: Anne Chrest, SIE20

TITLE: Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

SITE PLAN: 20-0058

SUBJECT: Site Plan Approval

This letter indicates that the proposed site plan has met with the approval of the Master Planning Office. As an approved site plan, it will remain valid for a period of **TWO (2) years**. If the project has not been initiated within this two-year period, this approval will be rescinded and you must re-submit your plan for review. Within this approval package, you will find a copy of the maps, site plan, and comment log. The comment log contains comments and concerns regarding this site plan. Please note that your final plan must comply with all conditions and restrictions contained within the approval package. This letter signifies approval by the Master Planning Office only and does not entitle you to funds of facilities that may be necessary to fulfill this project. It is your responsibility to obtain the necessary funds and materials, as well as a Utility Locate/Excavation Permit to complete this project.

**Conditions/Restrictions must be met:**

- The GN2 pipeline runs parallel about 5-10 yards north of the railroad tracks. The depth of this 6k psig GN2 underground pipeline is ~3-6 ft. CARE should be taken when digging in the Area shown in the Site Planning Map which spans Converter Compressor Road. Try to maintain 5 yard offset from the buried pipe.
- Please submit an updated KSC environmental checklist for proposed air sparge treatment system and additional monitoring wells to [ksc-dl-environmental-checklist@mail.nasa.gov](mailto:ksc-dl-environmental-checklist@mail.nasa.gov).
- Ensure contractors are aware of upcoming Converter Compressor Facility Upgrades (PCN 98833) and coordinate with appropriate parties accordingly.

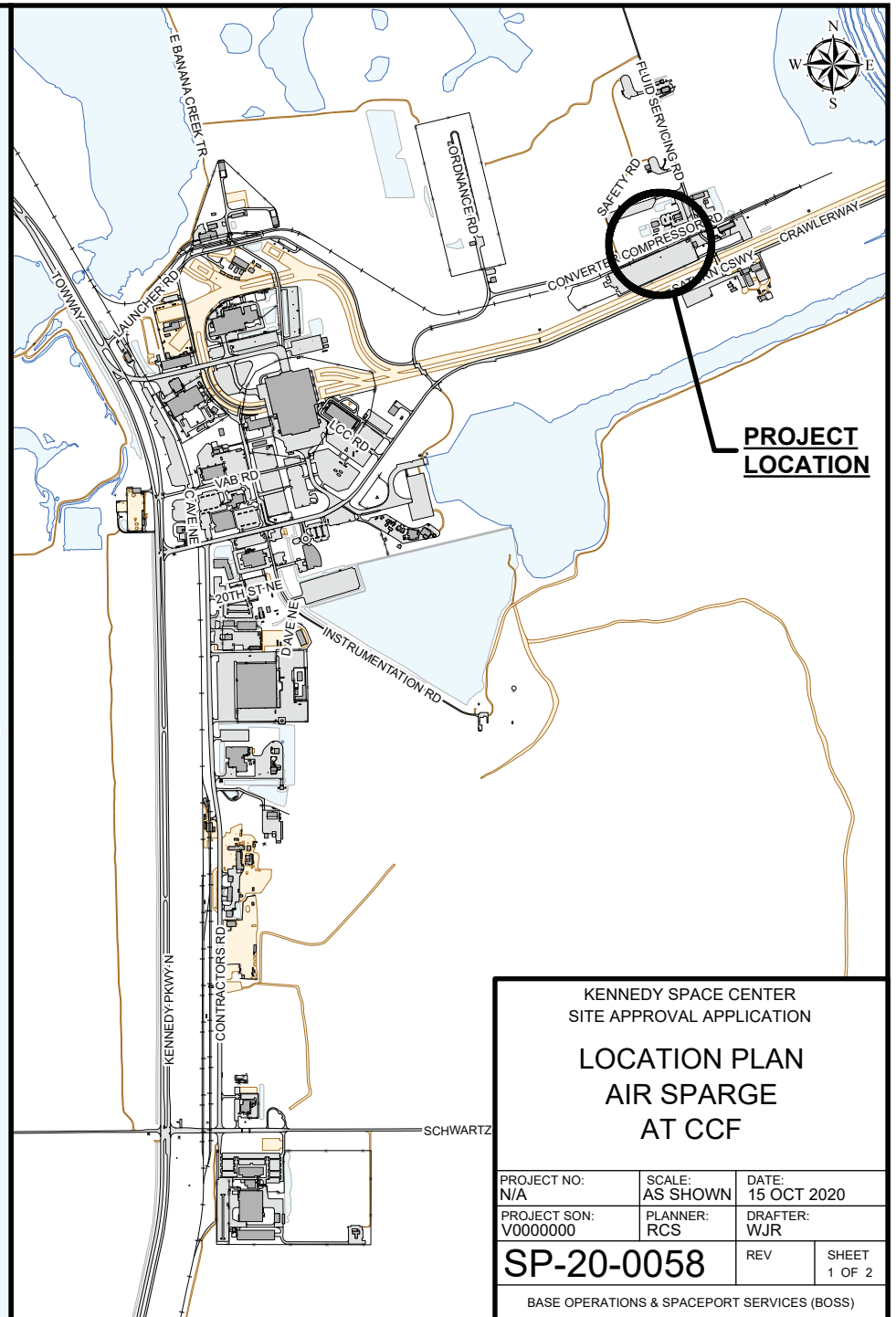
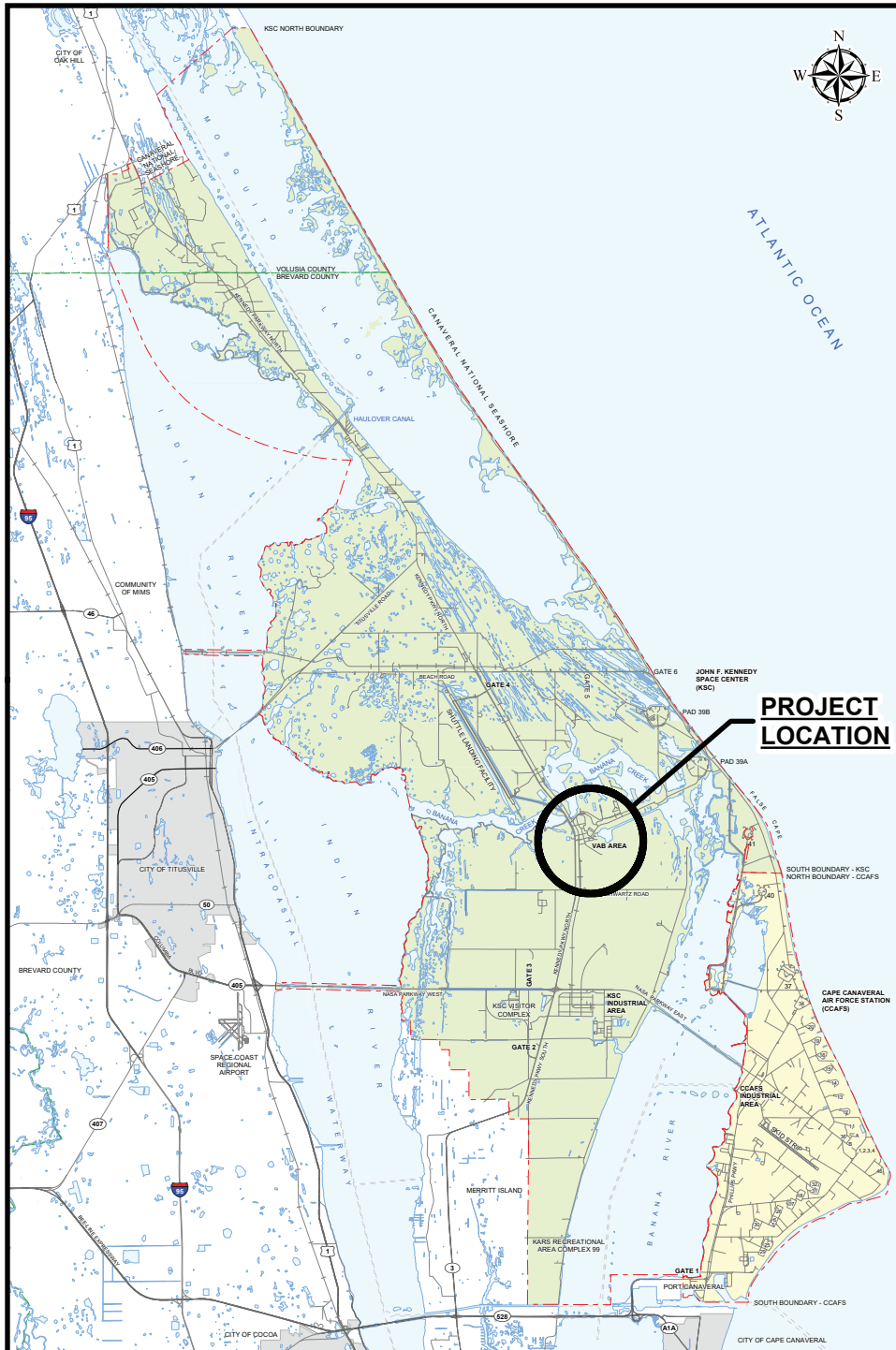
Gail Fazio

Digitally signed by Gail Fazio  
Date: 2020.10.30 10:20:18 -04'00'

FROM: Gail Fazio

ORGANIZATION: SI-C2

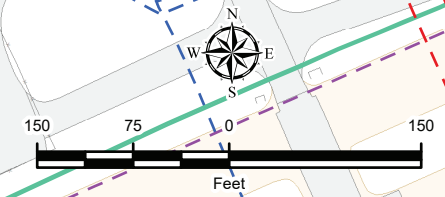
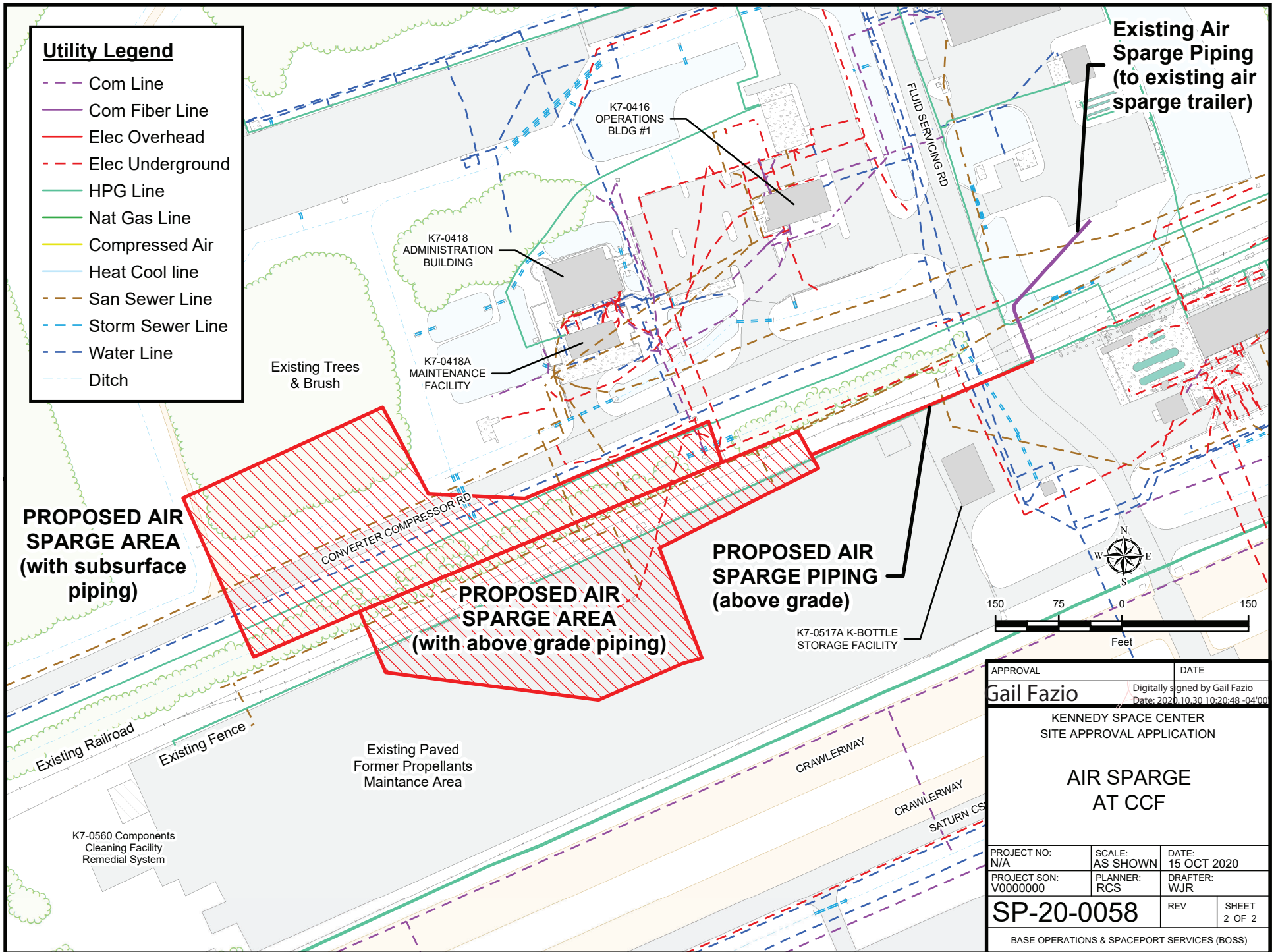
EXT: 1-4610



|                                                   |                    |                      |                 |
|---------------------------------------------------|--------------------|----------------------|-----------------|
| KENNEDY SPACE CENTER<br>SITE APPROVAL APPLICATION |                    |                      |                 |
| LOCATION PLAN<br>AIR SPARGE<br>AT CCF             |                    |                      |                 |
| PROJECT NO:<br>N/A                                | SCALE:<br>AS SHOWN | DATE:<br>15 OCT 2020 |                 |
| PROJECT SON:<br>V0000000                          | PLANNER:<br>RCS    | DRAFTER:<br>WJR      |                 |
| SP-20-0058                                        |                    | REV                  | SHEET<br>1 OF 2 |
| BASE OPERATIONS & SPACEPORT SERVICES (BOSS)       |                    |                      |                 |

### Utility Legend

- - - Com Line
- - - Com Fiber Line
- - - Elec Overhead
- - - Elec Underground
- - - HPG Line
- - - Nat Gas Line
- - - Compressed Air
- - - Heat Cool line
- - - San Sewer Line
- - - Storm Sewer Line
- - - Water Line
- - - Ditch



|                                                   |                    |                                                                     |                 |
|---------------------------------------------------|--------------------|---------------------------------------------------------------------|-----------------|
| APPROVAL                                          |                    | DATE                                                                |                 |
| Gail Fazio                                        |                    | Digitally signed by Gail Fazio<br>Date: 2020.10.30 10:20:48 -04'00' |                 |
| KENNEDY SPACE CENTER<br>SITE APPROVAL APPLICATION |                    |                                                                     |                 |
| AIR SPARGE<br>AT CCF                              |                    |                                                                     |                 |
| PROJECT NO:<br>N/A                                | SCALE:<br>AS SHOWN | DATE:<br>15 OCT 2020                                                |                 |
| PROJECT SON:<br>V0000000                          | PLANNER:<br>RCS    | DRAFTER:<br>WJR                                                     |                 |
| SP-20-0058                                        |                    | REV                                                                 | SHEET<br>2 OF 2 |
| BASE OPERATIONS & SPACEPORT SERVICES (BOSS)       |                    |                                                                     |                 |



## REQUEST FOR SITE PLAN REVIEW

|                             |                                       |                                  |                                    |
|-----------------------------|---------------------------------------|----------------------------------|------------------------------------|
| <b>Site Plan #:</b> 20-0058 | <b>Grid - WON:</b> K7-0560 - 10065782 | <b>Date Released:</b> 10/19/2020 | <b>Return Due Date:</b> 10/30/2020 |
|-----------------------------|---------------------------------------|----------------------------------|------------------------------------|

**Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Summary of Project:** Site Plan request is to install an air sparge treatment system at Components Cleaning Facility (K7-0560). The purpose of this system is to remediate impacted groundwater at the site. The system equipment will be connected to an existing air sparge trailer located North of Building K7-0468 (Converter/Compressor Building). Eighty (80) air sparge wells, eleven (11) monitoring wells, and distribution piping are proposed to be installed as part of the treatment system. The existing air sparge trailer and air conveyance piping to east of Fluid Servicing Road will be utilized for the treatment system. The proposed air conveyance piping will run from existing air conveyance piping through the existing utility trench that crosses Fluid Servicing Road just south of the railroad tracks to the new Air Sparge Project Area. Air conveyance piping will be horizontally bored under Converter Compressor Road to supply the air sparge wells north of Converter Compressor Road. Air Sparging wells and associate piping within fenced area of K7-0560 will be above grade

**Justification:** The Remediation Group has a regulatory requirement to evaluate groundwater conditions at this site.

|                          |                   |                           |                   |
|--------------------------|-------------------|---------------------------|-------------------|
| <b>Site Location:</b> K7 | <b>EPR #:</b> TBD | <b>Project Type:</b> Well | <b>Project #:</b> |
|--------------------------|-------------------|---------------------------|-------------------|

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| <b>Use Designation:</b> | <b>Finding of Consistent with General Plan:</b> Yes |
|-------------------------|-----------------------------------------------------|

**Real Property:**

|              |              |              |            |
|--------------|--------------|--------------|------------|
| <b>User:</b> | <b>Cost:</b> | <b>Fund:</b> | <b>FY:</b> |
|--------------|--------------|--------------|------------|

*Should the contractor observe any soil anomaly, KEMCON Environmental is to be contacted (321-867-8430).*

|                                                 |                                         |
|-------------------------------------------------|-----------------------------------------|
| <b>Released By:</b> Robert Seeback 321.867.0846 | <b>To:</b> (See attached reviewer list) |
|-------------------------------------------------|-----------------------------------------|

|                                                                                                  |                                                                 |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>Return Complete Form To:</b><br>BOSS Master Planning<br>KSC-BOSS-MasterPlanning@mail.nasa.gov | <b>For Information Contact:</b><br><br>Anne Chrest 321.867.2056 |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|

**Response:** You are requested to review the subject site plan and return your response by the due date indicated above. All review comments should be submitted on this sheet and returned to the BOSS Master Planning Office. You do not need to return the other sheets. Indicate your response in the Review Action column below by entering an 'X' in the appropriate space. Your concurrence signature indicates you have reviewed the site plan with respect to your functional responsibility and concur with the proposed location. This does not constitute either project or design approval. Lack of response by the due date will indicate your concurrence.

| Signature and Printed Name | Office/Functional Responsibility and PHONE | Date | Concur No Comments | Concur Subject to Comments | Non-concur (See Comments) |
|----------------------------|--------------------------------------------|------|--------------------|----------------------------|---------------------------|
|                            |                                            |      |                    |                            |                           |

**Comments (Continue on Separate Sheet if Necessary):**

## REQUEST FOR SITE PLAN REVIEW

|                             |                                       |                                  |                                    |
|-----------------------------|---------------------------------------|----------------------------------|------------------------------------|
| <b>Site Plan #:</b> 20-0058 | <b>Grid - WON:</b> K7-0560 - 10065782 | <b>Date Released:</b> 10/19/2020 | <b>Return Due Date:</b> 10/30/2020 |
|-----------------------------|---------------------------------------|----------------------------------|------------------------------------|

**Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Return Complete Form To:** BOSS Master Planning, KSC-BOSS-MasterPlanning@mail.nasa.gov

**TO:**

|                                                                                                                                                                                                    |                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1</b> Anne Chrest SIE20<br/>Company: NASA<br/>Responsibility:<br/>Phone: 321.867.2056 Fax: 867-4446<br/>Email: anne.m.chrest@nasa.gov</p>                                                    | <p><b>2</b> Jonathan Baker UBB00<br/>Company: NASA<br/>Responsibility: Program Analyst<br/>Phone: 321.867.8095 Fax:<br/>Email: jonathan.d.baker@nasa.gov</p>                                        |
| <p><b>3</b> Joy Batterson ITD20<br/>Company: NASA<br/>Responsibility: AST, TELECOMMUNICATIONS<br/>Phone: 321.867.3861 Fax:<br/>Email: joy.n.batterson@nasa.gov</p>                                 | <p><b>4</b> Jerrold Bernfeld KISSIV-PX<br/>Company: APACHE-LOGICAL JV<br/>Responsibility: Program/Project Coordinator III<br/>Phone: 321.867.2880 Fax:<br/>Email: jerrold.s.bernfeld@nasa.gov</p>   |
| <p><b>5</b> James Bjornbak ITD10<br/>Company: NASA<br/>Responsibility:<br/>Phone: 321.867.6905 Fax: (321)867-9693<br/>Email: james.p.bjornbak@nasa.gov</p>                                         | <p><b>6</b> Keith Britton NETG0<br/>Company: NASA<br/>Responsibility: TA-B3C<br/>Phone: 321.867.1955 Fax: 867-5694<br/>Email: keith.j.britton@nasa.gov</p>                                          |
| <p><b>7</b> James Brooks SIE30<br/>Company: NASA<br/>Responsibility:<br/>Phone: 321.867.9081 Fax:<br/>Email: james.t.brooks-1@nasa.gov</p>                                                         | <p><b>8</b> John Carson BOSS-4170<br/>Company: PAE - SGT Partners LLC<br/>Responsibility: Utilities Systems Maintenance Engineer<br/>Phone: 321.861.4727 Fax:<br/>Email: john.r.carson@nasa.gov</p> |
| <p><b>9</b> Jeffrey Collins SIE30<br/>Company: NASA<br/>Responsibility: Conservation Biologist<br/>Phone: 321.861.6554 Fax:<br/>Email: jeffrey.s.collins@nasa.gov</p>                              | <p><b>10</b> John Creech SIB20<br/>Company: NASA<br/>Responsibility:<br/>Phone: 321.867.4395 Fax: 867-1425<br/>Email: john.n.creech@nasa.gov</p>                                                    |
| <p><b>11</b> James Curtis CI-4300<br/>Company: Chenega Infinity, LLC<br/>Responsibility: Resource Protection<br/>Phone: 321.861.0765 Fax: 867-7385<br/>Email: james.j.curtis@nasa.gov</p>          | <p><b>12</b> Douglas Czerwinski SIC10<br/>Company: NASA<br/>Responsibility: O&amp;M Fire &amp; Roads<br/>Phone: 321.867.4542 Fax: 867-1339<br/>Email: douglas.a.czerwinski@nasa.gov</p>             |
| <p><b>13</b> Donald Dankert SIE30<br/>Company: NASA<br/>Responsibility: Environmental<br/>Phone: 321.861.1196 Fax:<br/>Email: donald.j.dankert@nasa.gov</p>                                        | <p><b>14</b> Natasha Darre SIE30<br/>Company: NASA<br/>Responsibility: KSC Historic Preservation Officer<br/>Phone: 321.867.6987 Fax:<br/>Email: natasha.c.darre@nasa.gov</p>                       |
| <p><b>15</b> Charles Davis SIC30<br/>Company: NASA<br/>Responsibility: NASA Propellents/GN2 Specialist<br/>Phone: 321.867.4748 Fax: 867-7369<br/>Email: chuck.davis@nasa.gov</p>                   | <p><b>16</b> Michael Denyer BOSS-4150<br/>Company: PAE - SGT Partners LLC<br/>Responsibility: HVAC SME O&amp;M<br/>Phone: 321.867.1289 Fax: 867-1497<br/>Email: michael.l.denyer@nasa.gov</p>       |
| <p><b>17</b> Kyle Dixon UBI00<br/>Company: NASA<br/>Responsibility:<br/>Phone: 321.861.6956 Fax: 867-1425<br/>Email: kyle.l.dixon@nasa.gov</p>                                                     | <p><b>18</b> George Dutt ITD00<br/>Company: NASA<br/>Responsibility: Communications Services<br/>Phone: 321.867.3156 Fax: 867-3756<br/>Email: george.l.dutt@nasa.gov</p>                            |
| <p><b>19</b> KEMCON Environmental KEM<br/>Company: Integrated Mission Support Service<br/>Responsibility: KSC Environmental<br/>Phone: 867-8430 Fax:<br/>Email: KSC-KEMCON-ENV@mail.nasa.gov</p>   | <p><b>20</b> Gail Fazio SIC20<br/>Company: NASA<br/>Responsibility: Site Planning Officer<br/>Phone: 321.861.4610 Fax:<br/>Email: gail.l.fazio@nasa.gov</p>                                         |
| <p><b>21</b> Ellen Feeney BOSS-4100<br/>Company: PAE - SGT Partners LLC<br/>Responsibility: Water/Wastewater/Plumbing<br/>Phone: 321.867.1542 Fax: 867-1339<br/>Email: ellen.s.feeney@nasa.gov</p> | <p><b>22</b> Derick Fowler BOSS-3510<br/>Company: PAE - SGT Partners LLC<br/>Responsibility: Road Maintenance<br/>Phone: 321.861.6297 Fax: 861-6114<br/>Email: derick.c.fowler@nasa.gov</p>         |

|    |                                                                                                                                                                         |    |                                                                                                                                                                                                              |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 23 | Gregory Gaddis SII10<br>Company: NASA<br>Responsibility: Spaceport Integration<br>Phone: 321.861.9556 Fax: 321-867-7648<br>Email: gregory.gaddis-1@nasa.gov             | 24 | Steven Gilmore ADA00<br>Company: NASA<br>Responsibility: KSC Planning and Development<br>Phone: 321.867.8207 Fax:<br>Email: steven.gilmore@nasa.gov                                                          |
| 25 | John Graves SII20<br>Company: NASA<br>Responsibility: AST, MISSION SUPPORT REQMENTS & DEV<br>Phone: 321.867.5124 Fax: (321)867-7282<br>Email: john.a.graves@nasa.gov    | 26 | Sandy Greeson L XO30<br>Company: NASA<br>Responsibility:<br>Phone: 321.867.3109 Fax:<br>Email: sandy.t.greeson@nasa.gov                                                                                      |
| 27 | Richard Griffin SIC20<br>Company: NASA<br>Responsibility: REALTY SPECIALIST<br>Phone: 321.861.5025 Fax:<br>Email: richard.t.griffin@nasa.gov                            | 28 | Eric Haberle SII10<br>Company: NASA<br>Responsibility: Spaceport Integration<br>Phone: 321.861.6380 Fax:<br>Email: eric.haberle@nasa.gov                                                                     |
| 29 | Gregory Harland PXC00<br>Company: NASA<br>Responsibility:<br>Phone: 321.861.7401 Fax: 321-867-2692<br>Email: gregory.b.harland@nasa.gov                                 | 30 | Lauren Harley<br>Company: ARES<br>Responsibility: Line of Sight Impact Analyst<br>Phone: 853-2623 Fax: 494-9707<br>Email: lauren.Harley.ctr@us.af.mil                                                        |
| 31 | Shawn Harris Cape Canaveral National Seashore<br>Company: NPS<br>Responsibility: Chief of Facility Operation<br>Phone: 321-267-1110 Fax:<br>Email: shawn_harris@nps.gov | 32 | Patrick Huff BOSS-4170<br>Company: PAE - SGT Partners LLC<br>Responsibility: Civil/Structural Engineering<br>Phone: 321.861.4664 Fax:<br>Email: patrick.d.huff@nasa.gov                                      |
| 33 | Robert Hughes SAE20<br>Company: NASA<br>Responsibility:<br>Phone: 321.861.6766 Fax:<br>Email: robert.w.hughes-1@nasa.gov                                                | 34 | David Irwin BOSS-4520<br>Company: PAE - SGT Partners LLC<br>Responsibility: Survey/Locators<br>Phone: 321.861.7945 Fax:<br>Email: david.j.irwin@nasa.gov                                                     |
| 35 | Justin Junod NETG0<br>Company: NASA<br>Responsibility:<br>Phone: 321.867.4749 Fax: 867-7037<br>Email: justin.d.junod@nasa.gov                                           | 36 | Jennifer Krouchick ADA00<br>Company: NASA<br>Responsibility: Community Planner<br>Phone: 321.867.0102 Fax:<br>Email: jennifer.l.krouchick@nasa.gov                                                           |
| 37 | Tim Leech AF 45 CES/CENPL<br>Company: AF 45SW<br>Responsibility: CCAFS Community Planner<br>Phone: 853-0963/ 494-9246 Fax: 853-6255<br>Email: Timothy.Leech@us.af.mil   | 38 | Alan Leite NEL10<br>Company: NASA<br>Responsibility: Electromagnetic Lab<br>Phone: 321.867.2974 Fax: 867-9424<br>Email: alan.s.leite@nasa.gov                                                                |
| 39 | Eric Levison CI-4200<br>Company: Chenega Infinity, LLC<br>Responsibility: Fire Services<br>Phone: 321.867.2126 Fax: 861-0798<br>Email: eric.s.levison@nasa.gov          | 40 | Laura Lopetz BOSS-4540<br>Company: PAE - SGT Partners LLC<br>Responsibility: Real Property<br>Phone: 321.867.0851 Fax: 867-1175<br>Email: laura.a.lopetz@nasa.gov                                            |
| 41 | David McCormick 4530<br>Company: NASA<br>Responsibility: NEN LCS<br>Phone: 301-377-2711 Fax:<br>Email: david.r.mccormick@nasa.gov                                       | 42 | Brian McGraw SIP00<br>Company: NASA<br>Responsibility: Fire Protection Engineer / AHJ<br>Phone: 321.867.6695 Fax:<br>Email: brian.m.mcgraw-1@nasa.gov                                                        |
| 43 | Sonia Miller SIC20<br>Company: NASA<br>Responsibility: Supv AST, Experimental Fac Dev<br>Phone: 321.867.0580 Fax: 867-7037<br>Email: sonia.miller@nasa.gov              | 44 | Michael Mills CI-4300<br>Company: Chenega Infinity, LLC<br>Responsibility: Security<br>Phone: 321.861.8931 Fax:<br>Email: michael.g.mills@nasa.gov                                                           |
| 45 | Brittany Mott SAE30<br>Company: NASA<br>Responsibility:<br>Phone: 321.861.7255 Fax:<br>Email: brittany.e.mott@nasa.gov                                                  | 46 | Center Operations NASA Facilities Branch, Center Operations<br>Company: NASA<br>Responsibility: Master Planning, Space Allocation, Real Property<br>Phone: Fax:<br>Email: KSC-NASA-Master-Plan@mail.nasa.gov |
| 47 | Jay Osier JR CTR USAF AFSPC E-LTRS/RGN/CMD/WX<br>Company: Range Generation Next, LLC<br>Responsibility:<br>Phone: 321-853-6884 Fax:<br>Email: jay.osier.ctr@us.af.mil   | 48 | Tom Penn Merritt Island NWR<br>Company: FWS<br>Responsibility: Deputy Project Leader<br>Phone: 321-861-2288 Fax:<br>Email: tom_penn@fws.gov                                                                  |

|    |                                                                                                                                                                                                               |    |                                                                                                                                                                            |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 49 | Rene Perez SIC10<br>Company: NASA<br>Responsibility:<br>Phone: 321.861.3287 Fax:<br>Email: rene.v.perez@nasa.gov                                                                                              | 50 | Eric Perritt L XO30<br>Company: NASA<br>Responsibility: Ops Advanced<br>Planning/Processes/Partnerships<br>Phone: 321.867.5961 Fax:<br>Email: eric.k.perritt@nasa.gov      |
| 51 | Linda Rhode SIP00<br>Company: NASA<br>Responsibility: Security Specialist<br>Phone: 321.867.2455 Fax:<br>Email: linda.a.rhode@nasa.gov                                                                        | 52 | Daniel Robinson SAE30<br>Company: NASA<br>Responsibility:<br>Phone: 321.867.6612 Fax:<br>Email: daniel.g.robinson@nasa.gov                                                 |
| 53 | Craig Roszczypala SIC30<br>Company: NASA<br>Responsibility: Propellants and Life Supprt<br>Phone: 321.867.3313 Fax: 321-867-8495<br>Email: craig.l.roszczypala@nasa.gov                                       | 54 | Merissa Rudkin CSR 3410<br>Company: AF<br>Responsibility: Instrumentation Systems Analysis<br>Phone: 853-2639 Fax:<br>Email: merissa.rudkin.ctr@us.af.mil                  |
| 55 | Robert Russo SAE30<br>Company: NASA<br>Responsibility: LEAD SAFETY&OCCUPATIONAL<br>HEALTH SPEC<br>Phone: 321.861.0499 Fax:<br>Email: robert.russo-1@nasa.gov                                                  | 56 | Jeanne Ryba SIE30<br>Company: NASA<br>Responsibility:<br>Phone: 321.867.7824 Fax:<br>Email: jeanne.m.ryba@nasa.gov                                                         |
| 57 | Robert Seeback BOSS-4540<br>Company: PAE - SGT Partners LLC<br>Responsibility:<br>Phone: 321.867.0846 Fax:<br>Email: robert.c.seeback@nasa.gov                                                                | 58 | Peter Solenski<br>Company: KSC 45th SW (AF)<br>Responsibility: Line of Sight Impact Analyst<br>Phone: 321.854.8169 Fax:<br>Email: peter.solenski.ctr@us.af.mil             |
| 59 | Jennifer Tharpe SII20<br>Company: NASA<br>Responsibility:<br>Phone: 321.861.1336 Fax:<br>Email: jennifer.tharpe@nasa.gov                                                                                      | 60 | David Thorpe ADA00<br>Company: NASA<br>Responsibility:<br>Phone: 321.867.2530 Fax:<br>Email: david.b.thorpe@nasa.gov                                                       |
| 61 | Ron Traylor BOSS Environmental/BOSS-1220<br>Company: PAE - SGT Partners LCC<br>Responsibility: Environmental Engineer II<br>Phone: 867-3300 Fax: 867-7737<br>Email: KSC-ISC-EnvironmentalShared@mail.nasa.gov | 62 | Eugene Walker GGAB0<br>Company: NASA<br>Responsibility:<br>Phone: 321.867.2714 Fax: 867-2704<br>Email: eugene.e.walker@nasa.gov                                            |
| 63 | Glenn Walters BOSS-4510<br>Company: PAE - SGT Partners LLC<br>Responsibility: BOSS Site Planning Lead<br>Phone: 321.867.0847 Fax:<br>Email: glenn.a.walters@nasa.gov                                          | 64 | Christopher Willis SCJ-980<br>Company: SC Jones<br>Responsibility: KSC Grounds Manager<br>Phone: 321.861.6290 Fax: 867-8469<br>Email: christopher.g.willis@nasa.gov        |
| 65 | John Wolff ITD20<br>Company: NASA<br>Responsibility: Outside Plant Engineer<br>Phone: 321.867.4994 Fax:<br>Email: john.j.wolff@nasa.gov                                                                       | 66 | Bruce McBride NETI0<br>Company: NASA<br>Responsibility: CONSTRUCTION CONTROL<br>REPRESENTATIVE<br>Phone: 321.266.4860 Fax: 321-867-9424<br>Email: bruce.a.mcbride@nasa.gov |
| 67 | Daniel Hearn BOSS-4440<br>Company: PAE - SGT Partners LLC<br>Responsibility:<br>Phone: 321.867.4183 Fax:<br>Email: daniel.p.hearn@nasa.gov                                                                    | 68 | Thurman Abbott KPLSS-8311<br>Company: Amentum Services, Inc<br>Responsibility:<br>Phone: 321.861.0070 Fax:<br>Email: thurman.p.abbott@nasa.gov                             |
| 69 | Barry Hamilton Propellents North TR1-622<br>Company: CHS<br>Responsibility:<br>Phone: 861-1330 Fax: 867-9466<br>Email: barry.j.hamilton@nasa.gov                                                              |    |                                                                                                                                                                            |

## SITE PLAN COMMENT LOG

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>WON #:</b> 10065782      | <b>Project Title:</b> Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility |
| <b>Site Plan #:</b> 20-0058 | <b>Planner:</b> Seebach, Robert 321.867.0846                                                                           |

| # | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                               | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                  |
|---|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1 |                        | Anne Chrest SIE20<br><br>Company: NASA<br>Phone: 321.867.2056 Fax: 867-4446<br>Email: anne.m.chrest@nasa.gov<br>Responsibility:                                                     | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 2 |                        | Jonathan Baker UBB00<br><br>Company: NASA<br>Phone: 321.867.8095 Fax:<br>Email: jonathan.d.baker@nasa.gov<br>Responsibility: Program Analyst                                        | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 3 |                        | Joy Batterson ITD20<br><br>Company: NASA<br>Phone: 321.867.3861 Fax:<br>Email: joy.n.batterson@nasa.gov<br>Responsibility: AST,<br>TELECOMMUNICATIONS                               | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 4 |                        | Jerrold Bernfeld KISSIV-PX<br><br>Company: APACHE-LOGICAL JV<br>Phone: 321.867.2880 Fax:<br>Email: jerrold.s.bernfeld@nasa.gov<br>Responsibility: Program/Project Coordinator III   | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 5 | 10/19/2020             | James Bjornbak ITD10<br><br>Company: NASA<br>Phone: 321.867.6905 Fax: (321)867-9693<br>Email: james.p.bjornbak@nasa.gov<br>Responsibility:<br>Functions: Communications             | Reviewer Comments: Concur.<br>Concur                                                                                  |
| 6 |                        | Keith Britton NETG0<br><br>Company: NASA<br>Phone: 321.867.1955 Fax: 867-5694<br>Email: keith.j.britton@nasa.gov<br>Responsibility: TA-B3C                                          | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 7 | 10/20/2020             | James Brooks SIE30<br><br>Company: NASA<br>Phone: 321.867.9081 Fax:<br>Email: james.t.brooks-1@nasa.gov                                                                             | Reviewer Comments: Concur.<br>No comment.                                                                             |
| 8 | 10/20/2020             | John Carson BOSS-4170<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.861.4727 Fax:<br>Email: john.r.carson@nasa.gov<br>Responsibility: Utilities Systems Maintenance Engineer | Reviewer Comments: Concur.<br>Concur, no comment.                                                                     |
| 9 |                        | Jeffrey Collins SIE30<br><br>Company: NASA<br>Phone: 321.861.6554 Fax:<br>Email: jeffrey.s.collins@nasa.gov<br>Responsibility: Conservation Biologist                               | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |



## SITE PLAN COMMENT LOG

**WON #:** 10065782

**Project Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Site Plan #:** 20-0058

**Planner:** Seebach, Robert 321.867.0846

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                    | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                                                                                                       |
|----|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 | 10/19/2020             | John Creech SIB20<br>Company: NASA<br>Phone: 321.867.4395 Fax: 867-1425<br>Email: john.n.creech@nasa.gov<br>Responsibility:                                                                              | Reviewer Comments: Concur.<br>SI-B2 concurs with no comments.                                                                                                                                              |
| 11 |                        | James Curtis CI-4300<br>Company: Chenega Infinity, LLC<br>Phone: 321.861.0765 Fax: 867-4785<br>Email: james.j.curtis@nasa.gov<br>Responsibility: Resource Protection                                     | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                      |
| 12 |                        | Douglas Czerwinski SIC10<br>Company: NASA<br>Phone: 321.867.4542 Fax: 867-1339<br>Email: douglas.a.czerwinski@nasa.gov<br>Responsibility: O&M Fire & Roads                                               | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                      |
| 13 |                        | Donald Dankert SIE30<br>Company: NASA<br>Phone: 321.861.1196 Fax:<br>Email: donald.j.dankert@nasa.gov<br>Responsibility: Environmental                                                                   | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                      |
| 14 |                        | Natasha Darre SIE30<br>Company: NASA<br>Phone: 321.867.6987 Fax:<br>Email: natasha.c.darre@nasa.gov<br>Responsibility: KSC Historic Preservation Officer                                                 | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                      |
| 15 | 10/20/2020             | Charles Davis SIC30<br>Company: NASA<br>Phone: 321.867.4748 Fax: 867-7369<br>Email: chuck.davis@nasa.gov<br>Responsibility: NASA Propellents/GN2 Specialist<br>Functions: Fuels/Propellants/Life Support | Reviewer Comments: Concur (Subject to Comments).<br>Accept with comment: The GN2 pipeline runs parallel about 5-10 yards north of the railroad tracks. Try to maintain 5 yard offset from the buried pipe. |
| 16 |                        | Michael Denyer BOSS-4150<br>Company: PAE - SGT Partners LLC<br>Phone: 321.867.1289 Fax: 867-1497<br>Email: michael.l.denyer@nasa.gov<br>Responsibility: HVAC SME O&M                                     | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                      |
| 17 | 10/20/2020             | Kyle Dixon UBI00<br>Company: NASA<br>Phone: 321.861.6956 Fax: 867-1425<br>Email: kyle.l.dixon@nasa.gov<br>Responsibility:                                                                                | Reviewer Comments: Concur.<br>Concur                                                                                                                                                                       |
| 18 |                        | George Dutt ITD00<br>Company: NASA<br>Phone: 321.867.3156 Fax: 867-3756<br>Email: george.l.dutt@nasa.gov<br>Responsibility: Communications Services<br>Functions: Communications                         | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                      |

## SITE PLAN COMMENT LOG

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>WON #:</b> 10065782      | <b>Project Title:</b> Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility |
| <b>Site Plan #:</b> 20-0058 | <b>Planner:</b> Seebach, Robert 321.867.0846                                                                           |

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                              | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                                                                                                                            |
|----|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19 | 10/23/2020             | KEMCON Environmental KEM<br><br>Company: Integrated Mission Support Service<br>Phone: 867-8430 Fax:<br>Email: KSC-KEMCON-ENV@mail.nasa.gov<br>Responsibility: KSC Environmental<br>Functions: Environmental        | Reviewer Comments: Concur (Subject to Comments). Please submit an updated KSC environmental checklist for proposed air sparge treatment system and additional monitoring wells to ksc-dl-environmental-checklist@mail.nasa.gov. |
| 20 |                        | Gail Fazio SIC20<br><br>Company: NASA<br>Phone: 321.861.4610 Fax:<br>Email: gail.fazio@nasa.gov<br>Responsibility: Site Planning Officer<br>Functions: Planning                                                    | Reviewer Comments: No response received. As stated in the review requests, concurrence without comment is assumed.                                                                                                              |
| 21 | 10/19/2020             | Ellen Feeney BOSS-4100<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.867.1542 Fax: 867-1339<br>Email: ellen.s.feeney@nasa.gov<br>Responsibility: Water/Wastewater/Plumbing<br>Functions: Water, Waste Water | Reviewer Comments: Concur.<br>No comment.                                                                                                                                                                                       |
| 22 |                        | Derick Fowler BOSS-3510<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.861.6297 Fax: 861-6114<br>Email: derick.c.fowler@nasa.gov<br>Responsibility: Road Maintenance<br>Functions: Roads and Grounds         | Reviewer Comments: No response received. As stated in the review requests, concurrence without comment is assumed.                                                                                                              |
| 23 | 10/19/2020             | Gregory Gaddis SII10<br><br>Company: NASA<br>Phone: 321.861.9556 Fax: 321-867-7648<br>Email: gregory.gaddis-1@nasa.gov<br>Responsibility: Spaceport Integration                                                    | Reviewer Comments: Concur.<br>There are no known spaceport integration issues; concur.                                                                                                                                          |
| 24 |                        | Steven Gilmore ADA00<br><br>Company: NASA<br>Phone: 321.867.8207 Fax:<br>Email: steven.gilmore@nasa.gov<br>Responsibility: KSC Planning and Development                                                            | Reviewer Comments: No response received. As stated in the review requests, concurrence without comment is assumed.                                                                                                              |
| 25 | 10/22/2020             | John Graves SII20<br><br>Company: NASA<br>Phone: 321.867.5124 Fax: (321)867-7282<br>Email: john.a.graves@nasa.gov<br>Responsibility: AST, MISSION SUPPORT<br>REQMNTS & DEV<br>Programs: SLF                        | Reviewer Comments: Concur.<br>No impacts or concerns                                                                                                                                                                            |
| 26 | 10/27/2020             | Sandy Greeson LXO30<br><br>Company: NASA<br>Phone: 321.867.3109 Fax:<br>Email: sandy.t.greeson@nasa.gov                                                                                                            | Reviewer Comments: Concur.<br>LX/EGS has no comments on this plan.                                                                                                                                                              |

## SITE PLAN COMMENT LOG

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>WON #:</b> 10065782      | <b>Project Title:</b> Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility |
| <b>Site Plan #:</b> 20-0058 | <b>Planner:</b> Seeback, Robert 321.867.0846                                                                           |

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                                                                                 | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                                                                                                                                           |
|----|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27 |                        | Richard Griffin SIC20<br><br>Company: NASA<br>Phone: 321.861.5025 Fax:<br>Email: richard.t.griffin@nasa.gov<br>Responsibility: REALTY SPECIALIST<br>Functions: Real Property                                                                                          | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                          |
| 28 |                        | Eric Haberle SII10<br><br>Company: NASA<br>Phone: 321.861.6380 Fax:<br>Email: eric.haberle@nasa.gov<br>Responsibility: Spaceport Integration<br>Programs: SPACE X, U.S. Fish and Wildlife Services, NAVY - NOTU, Space Florida, Exploration Park, Blue Origin, Boeing | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                          |
| 29 |                        | Gregory Harland PXC00<br><br>Company: NASA<br>Phone: 321.861.7401 Fax: 321-867-2692<br>Email: gregory.b.harland@nasa.gov<br>Responsibility:                                                                                                                           | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                          |
| 30 | 10/19/2020             | Lauren Harley<br><br>Company: ARES<br>Phone: 853-2623 Fax: 494-9707<br>Email: lauren.Harley.ctr@us.af.mil<br>Responsibility: Line of Sight Impact Analyst                                                                                                             | Reviewer Comments: Concur.<br>Concur                                                                                                                                                                                                           |
| 31 |                        | Shawn Harris Cape Canaveral National Seashore<br><br>Company: NPS<br>Phone: 321-267-1110 Fax:<br>Email: shawn_harris@nps.gov<br>Responsibility: Chief of Facility Operation<br>Programs: Canaveral National Seashore                                                  | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                          |
| 32 |                        | Patrick Huff BOSS-4170<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.861.4664 Fax:<br>Email: patrick.d.huff@nasa.gov<br>Responsibility: Civil/Structural Engineering<br>Functions: Eng - Civil/Structural                                                      | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                          |
| 33 | 10/27/2020             | Robert Hughes SAE20<br><br>Company: NASA<br>Phone: 321.861.6766 Fax:<br>Email: robert.w.hughes-1@nasa.gov                                                                                                                                                             | Reviewer Comments: Concur (Subject to Comments).<br>NASA Safety (SA-E2) Concurs with comment: Ensure contractors are aware of upcoming Converter Compressor Facility Upgrades (PCN 98833) and coordinate with appropriate parties accordingly. |
| 34 |                        | David Irwin BOSS-4520<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.861.7945 Fax:<br>Email: david.j.irwin@nasa.gov<br>Responsibility: Survey/Locators                                                                                                          | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                          |

## SITE PLAN COMMENT LOG

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>WON #:</b> 10065782      | <b>Project Title:</b> Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility |
| <b>Site Plan #:</b> 20-0058 | <b>Planner:</b> Seeback, Robert 321.867.0846                                                                           |

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                                                               | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                  |
|----|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 35 |                        | Justin Junod NETG0<br><br>Company: NASA<br>Phone: 321.867.4749 Fax: 867-7037<br>Email: justin.d.junod@nasa.gov<br>Responsibility:<br>Programs: NASA Exchange                                                                                        | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 36 |                        | Jennifer Krouchick ADA00<br><br>Company: NASA<br>Phone: 321.867.0102 Fax:<br>Email: jennifer.l.krouchick@nasa.gov<br>Responsibility: Community Planner                                                                                              | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 37 |                        | Tim Leech AF 45 CES/CENPL<br><br>Company: AF 45SW<br>Phone: 853-0963/ 494-9246 Fax: 853-6255<br>Email: Timothy.Leech@us.af.mil<br>Responsibility: CCAFS Community Planner<br>Functions: Airfield, Airfield Waiver, Planning<br>Programs: Skid Strip | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 38 |                        | Alan Leite NEL10<br><br>Company: NASA<br>Phone: 321.867.2974 Fax: 867-9424<br>Email: alan.s.leite@nasa.gov<br>Responsibility: Electromagnetic Lab                                                                                                   | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 39 | 10/27/2020             | Eric Levison CI-4200<br><br>Company: Chenega Infinity, LLC<br>Phone: 321.867.2126 Fax: 861-0798<br>Email: eric.s.levison@nasa.gov<br>Responsibility: Fire Services<br>Functions: Fire/Protective Systems                                            | Reviewer Comments: Concur.<br>Concur                                                                                  |
| 40 | 10/20/2020             | Laura Lopetz BOSS-4540<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.867.0851 Fax: 867-1175<br>Email: laura.a.lopetz@nasa.gov<br>Responsibility: Real Property<br>Functions: Real Property                                                   | Reviewer Comments: Concur.<br>Concur.                                                                                 |
| 41 | 10/20/2020             | David McCormick 4530<br><br>Company: NASA<br>Phone: 301-377-2711 Fax:<br>Email: david.r.mccormick@nasa.gov<br>Responsibility: NEN LCS                                                                                                               | Reviewer Comments: Concur.<br>No impact or comment.                                                                   |
| 42 |                        | Brian McGraw SIP00<br><br>Company: NASA<br>Phone: 321.867.6695 Fax:<br>Email: brian.m.mcgraw-1@nasa.gov<br>Responsibility: Fire Protection Engineer / AHJ<br>Functions: Fire/Protective Systems                                                     | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |

## SITE PLAN COMMENT LOG

**WON #:** 10065782      **Project Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Site Plan #:** 20-0058      **Planner:** Seebach, Robert 321.867.0846

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                            | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                  |
|----|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 43 |                        | Sonia Miller SIC20<br><br>Company: NASA<br>Phone: 321.867.0580 Fax: 867-7037<br>Email: sonia.miller@nasa.gov<br>Responsibility: Supv AST, Experimental Fac Dev                                                   | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 44 |                        | Michael Mills CI-4300<br><br>Company: Chenega Infinity, LLC<br>Phone: 321.861.8931 Fax:<br>Email: michael.g.mills@nasa.gov<br>Responsibility: Security<br>Functions: Security                                    | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 45 | 10/20/2020             | Brittany Mott SAE30<br><br>Company: NASA<br>Phone: 321.861.7255 Fax:<br>Email: brittany.e.mott@nasa.gov                                                                                                          | Reviewer Comments: Concur.<br>SA concurs with no comment.                                                             |
| 46 |                        | Center Operations NASA Facilities Branch, Center Operations<br><br>Company: NASA<br>Phone: Fax:<br>Email: KSC-NASA-Master-Plan@mail.nasa.gov<br>Responsibility: Master Planning, Space Allocation, Real Property | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 47 |                        | Jay Osier JR CTR USAF AFSPC E-LTRS/RGN/CMD/WX<br><br>Company: Range Generation Next, LLC<br>Phone: 321-853-6884 Fax:<br>Email: jay.osier.ctr@us.af.mil<br>Responsibility:                                        | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 48 | 10/19/2020             | Tom Penn Merritt Island NWR<br><br>Company: FWS<br>Phone: 321-861-2288 Fax:<br>Email: tom_penn@fws.gov<br>Responsibility: Deputy Project Leader<br>Programs: U.S. Fish and Wildlife Services                     | Reviewer Comments: Concur.<br>usfws concurs                                                                           |
| 49 |                        | Rene Perez SIC10<br><br>Company: NASA<br>Phone: 321.861.3287 Fax:<br>Email: rene.v.perez@nasa.gov<br>Functions: Water, Waste Water                                                                               | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |
| 50 |                        | Eric Perritt L XO30<br><br>Company: NASA<br>Phone: 321.867.5961 Fax:<br>Email: eric.k.perritt@nasa.gov<br>Responsibility: Ops Advanced Planning/Processes/Partnerships                                           | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed. |



## SITE PLAN COMMENT LOG

**WON #:** 10065782      **Project Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Site Plan #:** 20-0058      **Planner:** Seeback, Robert 321.867.0846

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                                                                      | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                                                                                                                                                                                                                                                                       |
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| 51 | 10/20/2020             | Linda Rhode SIP00<br>Company: NASA<br>Phone: 321.867.2455 Fax:<br>Email: linda.a.rhode@nasa.gov<br>Responsibility: Security Specialist                                                                                                                     | Reviewer Comments: Concur.<br>Concur, no comments                                                                                                                                                                                                                                                                                                                          |
| 52 | 10/20/2020             | Daniel Robinson SAE30<br>Company: NASA<br>Phone: 321.867.6612 Fax:<br>Email: daniel.g.robinson@nasa.gov                                                                                                                                                    | Reviewer Comments: Concur.<br>SA concurs with no comment.                                                                                                                                                                                                                                                                                                                  |
| 53 | 10/27/2020             | Craig Roszczypala SIC30<br>Company: NASA<br>Phone: 321.867.3313 Fax: 321-867-8495<br>Email: craig.l.roszczypala@nasa.gov<br>Responsibility: Propellants and Life Supprt<br>Functions: Fuels/Propellants/Life Support<br>Programs: Fuel Storage Areas (FSA) | Reviewer Comments: Concur (Subject to Comments).<br>A high pressure GN2 Pipeline (~6,000 psig) runs underground along Converter Compressor Road along the south side of the Road.<br>The depth of this 6k psig GN2 underground pipeline is ~3-6 ft.<br>CARE should be taken when digging in the Area shown in the Site Planning Map which spans Converter Compressor Road. |
| 54 |                        | Merissa Rudkin CSR 3410<br>Company: AF<br>Phone: 853-2639 Fax:<br>Email: merissa.rudkin.ctr@us.af.mil<br>Responsibility: Instrumentation Systems Analysis                                                                                                  | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                                                                                                      |
| 55 | 10/20/2020             | Robert Russo SAE30<br>Company: NASA<br>Phone: 321.861.0499 Fax:<br>Email: robert.russo-1@nasa.gov<br>Responsibility: LEAD<br>SAFETY&OCCUPATIONAL HEALTH SPEC                                                                                               | Reviewer Comments: Concur.<br>concur                                                                                                                                                                                                                                                                                                                                       |
| 56 | 10/22/2020             | Jeanne Ryba SIE30<br>Company: NASA<br>Phone: 321.867.7824 Fax:<br>Email: jeanne.m.ryba@nasa.gov                                                                                                                                                            | Reviewer Comments: Concur.<br>Cultural resources concurs.                                                                                                                                                                                                                                                                                                                  |
| 57 |                        | Robert Seeback BOSS-4540<br>Company: PAE - SGT Partners LLC<br>Phone: 321.867.0846 Fax:<br>Email: robert.c.seeback@nasa.gov<br>Responsibility:<br>Functions: Planning                                                                                      | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                                                                                                      |
| 58 |                        | Peter Solenski<br>Company: KSC 45th SW (AF)<br>Phone: 321.854.8169 Fax:<br>Email: peter.solenski.ctr@us.af.mil<br>Responsibility: Line of Sight Impact Analyst<br>Functions: Line of Sight (LOS)                                                           | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                                                                                                      |
| 59 |                        | Jennifer Tharpe SII20<br>Company: NASA<br>Phone: 321.861.1336 Fax:<br>Email: jennifer.tharpe@nasa.gov                                                                                                                                                      | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                                                                                                      |

## SITE PLAN COMMENT LOG

**WON #:** 10065782

**Project Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Site Plan #:** 20-0058

**Planner:** Seeback, Robert 321.867.0846

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                                                                                             | SITE PLAN COMMENTS / PLANNER ACTIONS                                                                                                                                                                                                                                                      |
|----|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 60 |                        | David Thorpe ADA00<br><br>Company: NASA<br>Phone: 321.867.2530 Fax:<br>Email: david.b.thorpe@nasa.gov<br>Responsibility:<br>Functions: Planning                                                                   | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 61 |                        | Ron Traylor BOSS Environmental/BOSS-1220<br><br>Company: PAE - SGT Partners LCC<br>Phone: 867-3300 Fax: 867-7737<br>Email: KSC-ISC-EnvironmentalShared@mail.nasa.gov<br>Responsibility: Environmental Engineer II | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 62 |                        | Eugene Walker GGAB0<br><br>Company: NASA<br>Phone: 321.867.2714 Fax: 867-2704<br>Email: eugene.e.walker@nasa.gov<br>Responsibility:                                                                               | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 63 |                        | Glenn Walters BOSS-4510<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.867.0847 Fax:<br>Email: glenn.a.walters@nasa.gov<br>Responsibility: BOSS Site Planning Lead                                          | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 64 |                        | Christopher Willis SCJ-980<br><br>Company: SC Jones<br>Phone: 321.861.6290 Fax: 867-8469<br>Email: christopher.g.willis@nasa.gov<br>Responsibility: KSC Grounds Manager<br>Functions: Roads and Grounds           | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 65 |                        | John Wolff ITD20<br><br>Company: NASA<br>Phone: 321.867.4994 Fax:<br>Email: john.j.wolff@nasa.gov<br>Responsibility: Outside Plant Engineer                                                                       | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 66 | 10/19/2020             | Bruce McBride NETI0<br><br>Company: NASA<br>Phone: 321.266.4860 Fax: 321-867-9424<br>Email: bruce.a.mcbride@nasa.gov<br>Responsibility: CONSTRUCTION CONTROL REPRESENTATIVE                                       | Reviewer Comments: Concur (Subject to Comments). Please ensure this project is coordinated with the current Converter/Compressor Facility (K7-0468) project (PCN 98833.1) to avoid interferences or delays to either contract. There will be a lot of activity around and inside the CCF. |
| 67 |                        | Daniel Hearn BOSS-4440<br><br>Company: PAE - SGT Partners LLC<br>Phone: 321.867.4183 Fax:<br>Email: daniel.p.hearn@nasa.gov<br>Responsibility:                                                                    | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |
| 68 |                        | Thurman Abbott KPLSS-8311<br><br>Company: Amentum Services, Inc<br>Phone: 321.861.0070 Fax:<br>Email: thurman.p.abbott@nasa.gov                                                                                   | Reviewer Comments: No response received.<br>As stated in the review requests, concurrence without comment is assumed.                                                                                                                                                                     |

## SITE PLAN COMMENT LOG

**WON #:** 10065782

**Project Title:** Site Plan for Air Sparging Treatment System and Monitoring Wells at Components Cleaning Facility

**Site Plan #:** 20-0058

**Planner:** Seebach, Robert 321.867.0846

| #  | COMMENTS RECEIVED DATE | CONTACT / ORG / PHONE                                                                                                                            | SITE PLAN COMMENTS / PLANNER ACTIONS              |
|----|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 69 | 10/28/2020             | Barry Hamilton Propellents North TR1-622<br>Company: CHS<br>Phone: 861-1330 Fax: 867-9466<br>Email: barry.j.hamilton@nasa.gov<br>Responsibility: | Reviewer Comments: Concur.<br>Concur, no comments |

**APPENDIX H**  
**STORMWATER POLLUTION PREVENTION PLAN**

**COMPONENTS CLEANING FACILITY, SWMU 030  
AIR SPARGE SYSTEM INTERIM MEASURES IMPLEMENTATION  
STORMWATER POLLUTION PREVENTION PLAN  
KENNEDY SPACE CENTER, FLORIDA**

**Prepared for:**



**National Aeronautics and Space Administration  
Kennedy Space Center, Florida**

**September 2021  
Revision 0**

**Prepared by:**

**Tetra Tech, Inc.  
661 Andersen Drive  
Pittsburgh, PA 15220  
(412) 921-7090**



**STORMWATER POLLUTION PREVENTION PLAN  
FOR  
AIR SPARGE SYSTEM INTERIM MEASURES IMPLEMENTATION  
AT  
COMPONENTS CLEANING FACILITY, SWMU 030  
KENNEDY SPACE CENTER, FLORIDA**

**Revision 0**

Prepared for:  
Environmental Assurance Branch  
National Aeronautics and Space Administration  
John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

Prepared by:  
Tetra Tech, Inc.  
661 Andersen Drive  
Pittsburgh, PA 15220  
(412) 921-7090

Prepared by:

\_\_\_\_\_  
James Lloyd  
Tetra Tech, Inc.

Approved by:

\_\_\_\_\_  
Mark P. Speranza, P.E.  
Tetra Tech, Inc.

September 2021

## **PROFESSIONAL ENGINEER CERTIFICATION**

This Stormwater Pollution Prevention Plan for the Air Sparge System Interim Measures Implementation at Components Cleaning Facility, SWMU 030, Kennedy Space Center, Florida, dated September 2021, has been prepared by or under the responsible supervision, direction, or control of the Florida-licensed professional engineer whose signature and seal appear below.

---

Mark P. Speranza, P.E.  
Professional Engineer No. PE0050304  
Engineering Business License No. 2429

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## ACRONYMS AND ABBREVIATIONS

|          |                                                                    |
|----------|--------------------------------------------------------------------|
| AS       | air sparging                                                       |
| bls      | below land surface                                                 |
| BMP      | best management practice                                           |
| CCF      | Components Cleaning Facility                                       |
| CCF East | Components Cleaning Facility Eastern High-Concentration Plume Area |
| cDCE     | cis-1,2-dichloroethene                                             |
| COCs     | Contaminants of Concern                                            |
| EPA      | United States Environmental Protection Agency                      |
| IDIQ     | Indefinite Delivery Indefinite Quantity                            |
| IM       | Interim Measure                                                    |
| IWP      | Implementation Work Plan                                           |
| KSC      | Kennedy Space Center                                               |
| MNA      | Monitored Natural Attenuation                                      |
| NASA     | National Aeronautics and Space Administration                      |
| PVC      | polyvinyl chloride                                                 |
| RCRA     | Resource Conservation and Recovery Act                             |
| RPM      | Remediation Project Manager                                        |
| SDS      | Safety Data Sheet                                                  |
| SWMU     | Solid Waste Management Unit                                        |
| SWPPP    | Stormwater Pollution Prevention Plan                               |
| TCE      | trichloroethene                                                    |
| tDCE     | trans-1,2-dichloroethene                                           |
| VC       | vinyl chloride                                                     |



## SECTION I INTRODUCTION

This Stormwater Pollution Prevention Plan (SWPPP) was prepared by Tetra Tech, Inc., for the National Aeronautics and Space Administration (NASA) under Indefinite Delivery Indefinite Quantity (IDIQ) Contract 80KSC019D0011 / 80KSC019F0068. Under this contract, Tetra Tech is implementing an Air Sparging (AS) Interim Measure (IM) at the Components Cleaning Facility (CCF) Eastern High-Concentration Plume Area (CCF East), located at Kennedy Space Center (KSC), Florida. This SWPPP was prepared in accordance with the United States Environmental Protection Agency (EPA) publication, Developing Your Stormwater Pollution Prevention Plan a summary guide published in 2007. CCF has been designated as Solid Waste Management Unit (SWMU) 030 under the KSC Resource Conservation and Recovery Act (RCRA) Corrective Action Program.

### 1.1 SITE HISTORY

KSC is located on the northern section of Merritt Island, a barrier island which is bordered on the east by the Banana River Lagoon and on the west by the Indian River Lagoon. CCF is located northeast of the intersection of the Crawlerway and Fluid Servicing Road. Figure A-1 (Appendix A in this SWPPP) shows the location of CCF within KSC. A large portion of the site is covered with concrete, from the eastern fence line to just west of the former field cleaning operations building, and from the concrete-lined ditch along the Crawlerway to the railroad tracks just beyond the northern fence line. The western side of the site is undeveloped and vegetated with grass and shrubs. In general, the shallow lithology, less than 85 feet below land surface (bls), consists of silty sand with shell fragments with a confining layer of clayey silt at 78 feet bls. A location map for CCF is provided as Figure A-2.

CCF East is in the area of the former Reclamation Plant (Building K7-565), which was developed in 1962. The original facility was developed for cleaning and refurbishment of hardware and had an associated analytical laboratory. The facility expanded over the years until all operations at the site were phased out in the early 2000s. By 2006, all site buildings were demolished to ground level, with the exception of one (see Figure A-2). The CCF East

site is approximately 8 acres. For additional site information, refer to the IM Work Plan and Implementation Work Plan (IWP).

## **1.2 PROJECT DESCRIPTION**

This IM project includes the installation of 88 AS wells and associated piping and infrastructure at CCF East to treat contaminated groundwater. The objective for this IM is to treat concentrations of contaminants of concern (COCs) in the groundwater at CCF East to concentrations that facilitate transition to monitored natural attenuation (MNA). The COCs at CCF East are trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), trans-1,2-dichloroethene (tDCE), vinyl chloride (VC), 1,1,2-trichlorotrifluoroethane (commonly known as Freon 113), and 1,1-dichloroethene.

## **1.3 REPORT OBJECTIVE AND CONTENT**

The objectives of this report are to describe the project and to present the stormwater pollution prevention measures that will be used during implementation of the AS IM for CCF East. The following sections are contained in this SWPPP:

- Section 2.0 presents a description of control measures to be implemented during the IM and the sequence of proposed construction activities.
- Section 3.0 presents state and local documents referenced for stormwater management.
- Section 4.0 presents the inspection and maintenance procedures for the IM construction efforts.
- Section 5.0 presents a summary of non-stormwater discharges and pollution prevention measures.
- Sections 6.0 and 7.0 present the required plan certifications.
- Copies of SWPPP checklists are presented in Appendix B, and an inspection report form is provided in Appendix C. Completed weekly inspection report forms will also be

included in Appendix C, as they are completed. Appendix D provides a location to post any revisions or additions to this SWPPP.

## **SECTION II**

### **DESCRIPTION OF CONTROLS**

This section presents a description of stormwater controls, including erosion and sediment controls proposed for the IM. Copies of the completed EPA Preconstruction Checklist and the Construction/Implementation Checklist are provided in Appendix B. Requirements specified in these checklists are incorporated into this SWPPP. Any modifications to the proposed erosion and sediment control devices, maintenance schedules, construction sequence, and spill prevention plans presented in this SWPPP must be provided in Appendix D.

#### **2.1 EXISTING SITE CONDITIONS**

From south to north, the project site encompasses a concrete slab area, railway, ditch, Converter Compressor Road, and wooded area. Outside of the site, to the south is the Crawlerway and Saturn Causeway; to the east is Fluid Servicing Road and the Converter Compressor Building (SWMU 089); to the north are patches of wooded areas and further down is the Propellant Support Building Area (SWMU 102); to the west is an extension of the concrete slab with wooded areas further west. The project area is generally flat with the surrounding vegetation being overgrown with low-lying native and invasive plants. There are two ditches near the site, the north and south ditch, and both operate as swales and transport water to the west towards the Ordnance Storage Facility. The ditches are anticipated to have standing water. A small portion of the wooded area to the north outside of the grassy area will need to be cleared as needed for implementation of the IM. The main paved area of CCF East includes remnant concrete slabs and foundations from the surface structures demolished in 2005 to 2006.

The IM activity area covers approximately 2.2 acres. The groundwater plume for CCF East underlies the north ditch and drainage swales transecting the property. The topography of the site is relatively flat, with higher elevations corresponding to building pads. The general direction of surface water flows radially into the ditches and swales and enters the surrounding culverts. Precipitation would be expected to either infiltrate into surface soils or run-off toward the ditches which eventually go into tributaries to the Banana River. The drainage area for the

north ditch within the IM treatment zone is approximately two acres. The discharge point within the IM treatment area is located at 28.590001° Latitude and -80.639521° Longitude.

The IM consists of installing an AS system to deliver compressed air to the underlying contamination at CCF East. Figure A-3 shows the trenching and erosion control plan for the project along with pertinent components of the IM. The IM activities include the following:

- A compressor trailer located outside of the IM treatment area will supply compressed air via header conveyance piping.
- The header conveyance piping will run from the compressor trailer to the distribution manifolds located in the IM treatment area. The header piping will be installed aboveground partially until it reaches the IM treatment area where it will be installed in the subsurface north of the northern ditch/swale.
- Distribution manifolds will be installed using cabinets and a trailer to deliver air to the AS well via lateral piping.
- The lateral piping will be installed by trenching to deliver compressed air to the AS wells.
- AS wells will be installed using a drilling rig at specific locations within the IM treatment area.

## **2.2 EROSION AND SEDIMENT CONTROL MEASURES**

Erosion and sediment control measures will be implemented and maintained according to the standards and specifications of the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual, dated July 2018, unless otherwise noted in this SWPPP and/or the IM Work Plan or IWP.

The required erosion and sediment control measures are shown on Figure A-3. Prior to any earth disturbance, filter socks will be placed along the outside edge of the project area, between active AS well installation locations and drainage swales. The filter socks will be used to filter stormwater runoff from graded areas and to prevent the migration of sediment to the drainage swales prior to establishing permanent stabilization. Additionally, soil spoils will be placed upgradient of the trench as much as possible to minimize sediment transport to drainage swales.



**2.2.1 STRUCTURAL PRACTICES.** The following describes the types of erosion and sediment control best management practices (BMPs) proposed to prevent sediments (contaminated or uncontaminated) from being transported beyond the limits of disturbance. The references presented along with the erosion and sediment control BMPs below refer to the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual. Installation of the erosion and sediment control devices will be overseen by a certified person that has completed the Florida stormwater erosion and sedimentation control inspector training program.

Filter Socks: A filter sock is a temporary sediment barrier and stormwater runoff filtration device consisting of a three-dimensional, tubular, sediment control filled with biodegradable material placed on the ground and attached to supporting posts. The purpose of a filter sock is to intercept and detain small amounts of sediment from disturbed areas during construction operations and to decrease the velocity of sheet flows and low- to moderate-level channel flows. The filter socks will be placed where indicated on Figure A-3. Figure A-4 presents construction details for the filter sock.

Temporary Seeding: Temporary seeding is the establishment of a temporary vegetative cover on disturbed areas by seeding with appropriate rapidly growing annual plants. The purpose of temporary seeding is to reduce erosion and sedimentation by stabilizing disturbed areas that will not be brought to final grade for 30 days or more and to reduce problems associated with mud and dust production from bare soil surfaces during construction. Temporary seeding will be used when required within the limits of disturbance when dictated by the construction sequence.

Permanent Seeding: Permanent seeding is the establishment of perennial vegetative cover on disturbed areas by planting seed. The purpose of permanent seeding is to reduce erosion and to decrease sediment yield from disturbed areas. Additionally, permanent seeding permanently stabilizes disturbed areas in a manner that is economical, adaptable to site conditions, and allows selection of the most appropriate plant material. Permanent seeding will be used within the limits of disturbance in all areas that will not be restored with access roads.

**2.2.2 MANAGEMENT STRATEGIES.** The following is a list of erosion and sediment control management strategies that will be followed during implementation of the IM:

1. Unstable and/or disturbed areas will be minimized, and construction activities will be staged.
2. Seeding or other stabilization measures will follow immediately after backfilling.
3. Areas that will be disturbed will be clearly marked by flags, signs, etc.
4. The Tetra Tech Construction Supervisor will be responsible for ensuring the installation and maintenance of all erosion and sediment control devices.
5. Erosion and sediment control devices will be installed and/or constructed before the start of any earth-disturbance activities.
6. Erosion and sediment control devices will remain in place until permanent stabilization is established over the disturbed surfaces.

### **2.3 SEQUENCE OF CONSTRUCTION**

The time required to perform the proposed construction activities for this IM is estimated to be approximately 4 months. The generalized sequence of construction activities is as follows:

1. Hold a pre-construction meeting.
2. Inspect the site prior to construction to verify existing site conditions, wetlands, ecological impacts, and underground utility locations.
3. Construct project support facilities, as required.
4. Prepare the areas for IM construction activities and establish horizontal and vertical control for construction. Stake the locations of areas to be disturbed prior to actual work.
5. Conduct vegetation site clearing activities.

6. Install perimeter controls for excavation areas. Additional controls may be warranted by site conditions and best construction practices.
7. Mow areas previously cleared of trees and shrubbery, as necessary, within IM project areas.
8. Following installation of AS components, restore IM project areas by backfilling to re-establish existing grades using off-site borrow soil. Following the backfilling of all excavation areas, use the appropriate seed mixtures to stabilize disturbed areas brought to final grades.
9. When all areas have been stabilized and have been accepted by the NASA Remediation Project Manager (RPM), remove all remaining perimeter controls.

## **2.4 PERMANENT STABILIZATION**

All areas disturbed by construction activities associated with this IM will be restored/stabilized using permanent stabilization practices. Permanent stabilization seeding will be performed as soon as possible following backfilling of trenches but no later than 30 days following final grading. If permanent stabilization is not achievable prior to 30 days after final grading, temporary seeding will be implemented.

A permanent seed mixture, fertilizer, and mulch will be applied after disturbed areas are backfilled and graded. The seed will consist of a mixture of permanent grasses (i.e., Bermuda and Pensacola Bahia) and quick-growing grasses. The quick-growing grasses to be used will be dependent on the seeding season, with annual rye to be used during winter months and millet to be used during summer months. The seed, fertilizer, and mulch will be applied in accordance with Florida Department of Transportation specifications. If areas are brought to final grades and permanent seeding is not scheduled within 30 days, the area will be seeded using an appropriate temporary seed mixture from Table 1.65a of the Florida Development Manual. Six weeks after demobilization, the restored areas will be inspected and reseeded or sodded as necessary.

## **2.5 STORMWATER RUNOFF CONSIDERATIONS**

The intent of the IM is to install an AS system. Surface conditions following IM activities will be the same as conditions prior to IM activities, to the fullest extent. Under these circumstances, the volume of post-construction runoff is expected to be the same as pre-construction runoff. Therefore, no pre- or post-construction runoff calculations have been prepared for this IM. No permanent stormwater runoff control structures are proposed for this IM.

## **SECTION III**

### **STATE AND LOCAL REQUIREMENTS**

This plan was prepared in accordance with the EPA Developing Your Stormwater Pollution Prevention Plan: A Guide for Construction Sites summary guidance (May 2007) and in part with the erosion and sediment control program requirements specified in the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (July 2018).



## **SECTION IV**

### **INSPECTION AND MAINTENANCE PROCEDURES**

In general, all erosion and sediment control measures will be checked weekly and after each storm event producing ½ inch or more of rainfall until site restoration activities are completed and stabilized. Each inspection will be recorded on an inspection report form, provided as Appendix C. Any required repairs will be made immediately. The following items will be checked during each weekly inspection:

- The filter socks will be checked for undermining or deterioration of the fence fabric and structural integrity. Sediment will be removed when the level of sediment deposition causes “bulging” or reaches one-half of the fabric height.
- The seeded areas will be checked to ensure that an adequate stand of grass is maintained, and areas will be fertilized and reseeded as needed. Vegetation areas will be maintained until formal acceptance by the NASA RPM.

## **SECTION V**

### **NON-STORMWATER DISCHARGES AND POLLUTION PREVENTION**

This section presents a description of non-stormwater discharges and pollution prevention measures that will be employed during the IM.

#### **5.1 NON-STORMWATER DISCHARGES**

The non-stormwater discharges anticipated during construction activities will be water resulting from decontamination efforts associated with field equipment and vehicle wash waters. All decontamination water will be collected in a temporary, heavy-duty, double-lined, curbed, decontamination pad capable of containing decontamination fluids, pumped to drums, characterized, and properly disposed of off-site.

#### **5.2 POLLUTION PREVENTION MEASURES**

The following is a list of materials or substances that are anticipated to be stored on site during the IM:

- Detergents for decontamination efforts;
- Gasoline and other vehicle maintenance substances;
- Small quantities of laboratory chemicals, polyvinyl chloride (PVC) glue, primer, paint, and other flammable substances;
- Contaminated groundwater extracted during site sampling activities; and
- Untreated compressed air condensate in conveyance headers and lateral lines.

These materials, when not in use, will be stored in a centralized staging area. Practices that will be followed to reduce risks associated with these materials include the following:

- Products will be kept in original containers unless they are not resealable.

- Original labels and Safety Data Sheets (SDSs) will be retained on site.
- If surplus product must be disposed of, manufacturer or local and state recommended methods for proper disposal will be followed.

The following paragraphs describe specific spill prevention and material management practices that will be employed during the IM.

### **GOOD HOUSEKEEPING**

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff:

- An effort will be made to store only enough products required to accomplish each active task.
- All materials stored on site will be stored in a neat orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
- Products will be kept in their original containers with the manufacturer's original label, unless they are not resealable.
- Substances will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product will be used before the container is disposed of.
- Manufacturers' recommendations for proper use and disposal will be followed.
- Storage and use areas will be inspected daily to ensure proper use and disposal of materials on site.

## **SPILL CONTROL PRACTICES**

Spill control practices are outlined in the IWP. In addition to the good housekeeping and material management practices discussed in the IWP, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup are included in the Site-Specific Safety and Health Plan. Site personnel will be made aware of the procedures and the locations of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on site. Equipment and materials will include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, absorbent material, and plastic and metal containers designed specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated, and personnel will wear appropriate protective clothing to prevent injury from contact with hazardous substances.
- Spills of toxic or hazardous material will be reported to the NASA RPM.
- If a spill occurs, this SWPPP will be modified to include measures to prevent the type of spill from reoccurring and will include information about how to clean up the spill if there is a recurrence. A description of the spill, what caused the spill event, and cleanup measures will also be included.
- The Tetra Tech Construction Supervisor responsible for day-to-day site operations will be the spill prevention and cleanup coordinator. The Construction Supervisor may designate other site personnel to assume these duties. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted with the on-site copy of this SWPPP.

## SECTION VI

### POLLUTION PREVENTION PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Christopher R. Neumann



---

Name (Operator and/or Responsible Authority)

08/23/2021

Date



## SECTION VII

### CONTRACTOR'S CERTIFICATION

I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder.

| Name                      | Signature                                                                         | Title                      | Company Name,<br>Address,<br>and Telephone Number                              | Date      |
|---------------------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------|-----------|
| Christopher R.<br>Neumann |  | Construction<br>Supervisor | Tetra Tech, Inc.<br>661 Andersen Drive<br>Pittsburgh, PA 15220<br>412-921-8530 | 8/23/2021 |
|                           |                                                                                   |                            |                                                                                |           |
|                           |                                                                                   |                            |                                                                                |           |
|                           |                                                                                   |                            |                                                                                |           |
|                           |                                                                                   |                            |                                                                                |           |
|                           |                                                                                   |                            |                                                                                |           |

**APPENDIX A**  
**FIGURES**

FIGURE A-1 LOCATION OF KENNEDY SPACE CENTER AND COMPONENTS CLEANING FACILITY  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

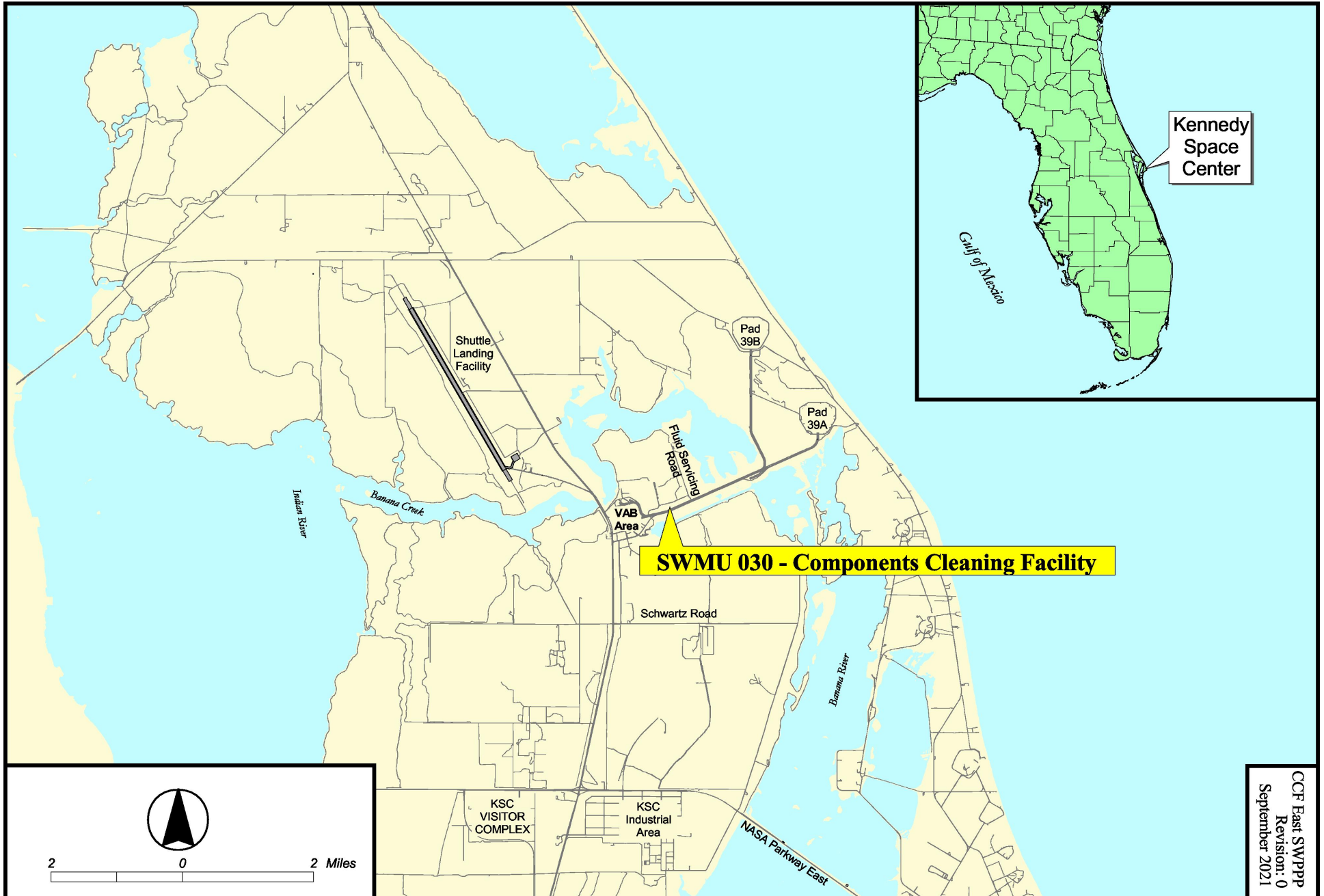




FIGURE A-2 SITE LOCATION MAP  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

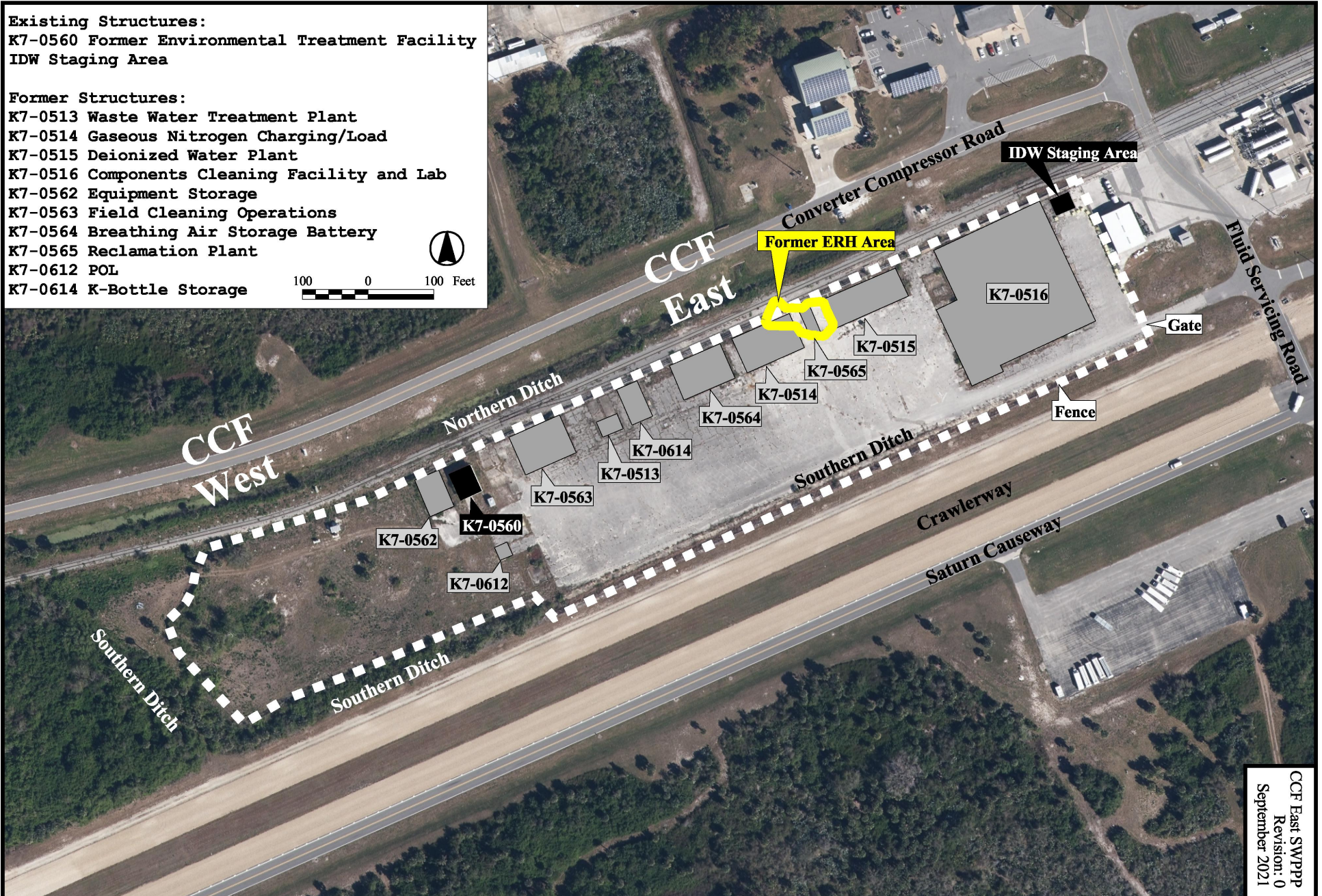
**Existing Structures:**

K7-0560 Former Environmental Treatment Facility  
IDW Staging Area

**Former Structures:**

K7-0513 Waste Water Treatment Plant  
K7-0514 Gaseous Nitrogen Charging/Load  
K7-0515 Deionized Water Plant  
K7-0516 Components Cleaning Facility and Lab  
K7-0562 Equipment Storage  
K7-0563 Field Cleaning Operations  
K7-0564 Breathing Air Storage Battery  
K7-0565 Reclamation Plant  
K7-0612 POL  
K7-0614 K-Bottle Storage

100 0 100 Feet



CCF East SW/PPP  
Revision: 0  
September 2021



FIGURE A-3 TRENCHING AIR SPARGE AND EROSION CONTROL PLAN  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

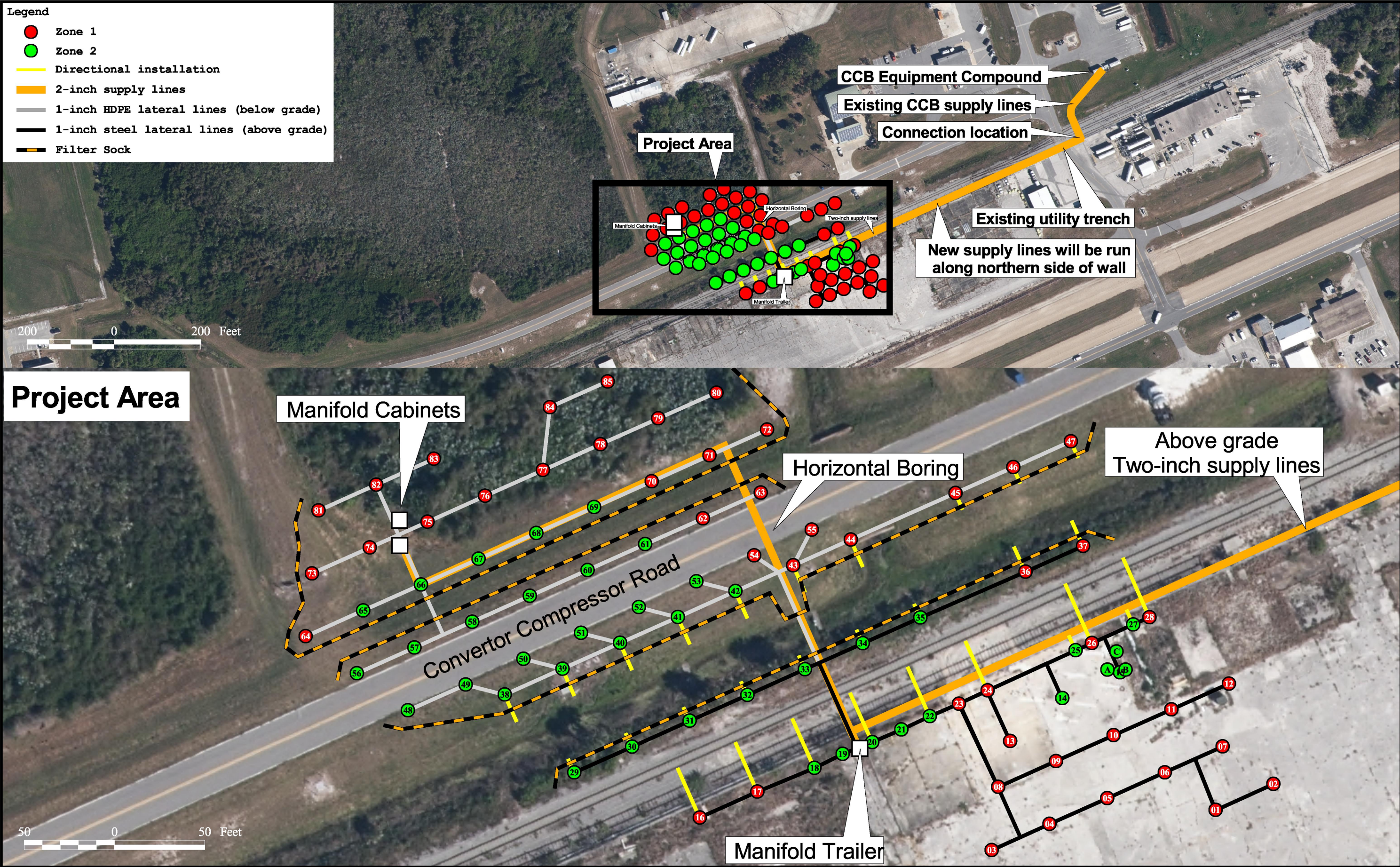
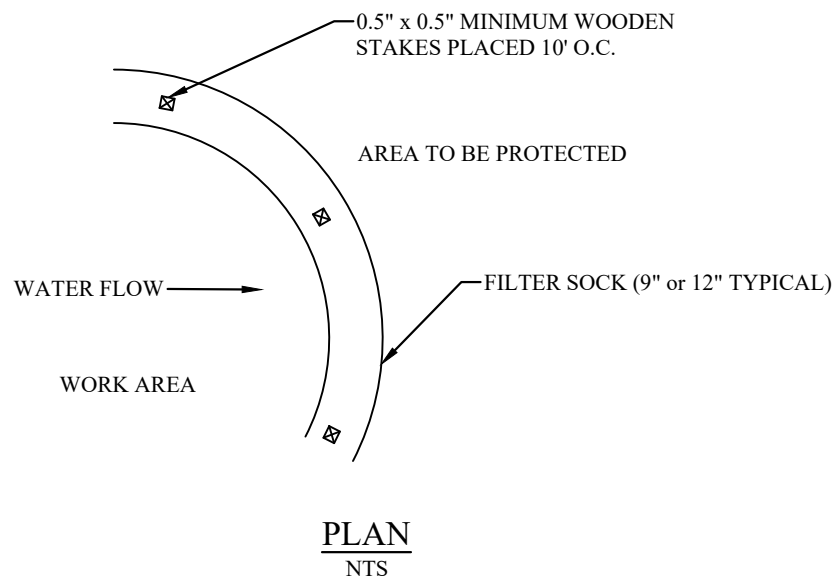
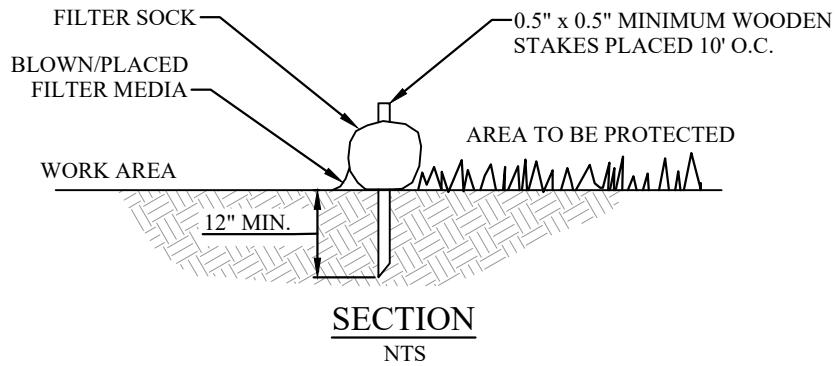




FIGURE A-4 FILTER SOCK DETAIL  
SWMU 030, KENNEDY SPACE CENTER, FLORIDA

CCF East SWPPP  
Revision 0  
September 2021



**APPENDIX B**  
**CHECKLISTS**

|                                                                               |
|-------------------------------------------------------------------------------|
| <b>CONSTRUCTION GENERAL PERMIT REQUIREMENTS<br/>PRECONSTRUCTION CHECKLIST</b> |
|-------------------------------------------------------------------------------|

---

**Storm Water Pollution Prevention Plans**

---

1. A site description, including:

- ☒ The nature of the activity.

*Refer to Section 1.2 of the Storm Water Pollution Prevention Plan.*

- ☒ Intended sequence of major construction activities.

*Refer to Section 2.3 of the Storm Water Pollution Prevention Plan.*

- ☒ The total area of the site.

*Refer to Section 1.2 of the Storm Water Pollution Prevention Plan.*

- ☒ The area of the site that is expected to undergo excavation.

*Refer to Section 2-1 and Figure A-2 of the Storm Water Pollution Prevention Plan.*

- ☒ The runoff coefficient of the site after construction is complete.

*Because construction activities will not increase peak runoff from the site, pre- and post-construction runoff calculations were not performed. Therefore, the runoff coefficient of the site following construction was not determined.*

- ☒ Existing soil or storm water data.

*Because construction activities will return the areas of disturbance to existing grades and existing conditions, existing soil types and storm data were not inventoried for the purpose of evaluation changes due to construction.*

A site map with:

- ☒ Drainage patterns.

*Because construction activities will not increase peak runoff from the site, pre- and post-construction runoff calculations were not performed. Therefore, drainage patterns were not defined.*

- ☒ Approximate slopes after major grading.

*Stormwater Pollution Prevention Plan indicates post construction grading conditions will be the same as the pre-construction conditions. No grading plans are presented.*

- ☒ Area of soil disturbance.

*Refer to Figure A-3 of the Storm Water Pollution Prevention Plan.*

- ☒ Outline of areas which will not be disturbed.

*Refer to Figure A-2 of the Storm Water Pollution Prevention Plan.*

- ☒ Location of major structural and non-structural controls.

*Refer to Figure A-3 of the Storm Water Pollution Prevention Plan.*

- ☒ Areas where stabilization practices are expected to occur.

*Refer to Figure A-3 of the Storm Water Pollution Prevention Plan.*

- ☒ Surface waters.

*Refer to Figures A-1 and A-2 of the Storm Water Pollution Prevention Plan.*

- ☒ Storm water discharge locations.

*Refer to Section 2.1 of the Storm Water Pollution Prevention Plan.*

- ☒ The name of the receiving water(s).

*Refer to Section 2.1 of the Storm Water Pollution Prevention Plan.*

## 2. A description of controls:

### 2.1 Erosion and sediment controls, including:

- ☒ Stabilization practices for all areas disturbed by construction.

*Refer to Sections 2.2, 2.2.1 and 2.4 of the Storm Water Pollution Prevention Plan.*

- ☒ Structural practices for all drainage/discharge locations.

*Refer to Sections 2.2 and 2.2.1 of the Storm Water Pollution Prevention Plan.*

### 2.2 Storm water management controls, including:

- ☒ Measures used to control pollutants occurring in storm water discharges after construction activities are complete.

*Refer to Sections 2.2 and 2.4 of the Storm Water Pollution Prevention Plan.*

- ☒ Velocity dissipation devices to provide non-erosive flow conditions from the discharge point along the length of any outfall channel.

*Refer to Section 2.2.1 of the Storm Water Pollution Prevention Plan.*

### 2.3 Other controls including:

- ☒ Waste disposal practices which prevent discharge of solid materials to waters of the U.S.

*Refer to Section 5.0 of the Storm Water Pollution Prevention Plan.*

- ☒ Measures to minimize offsite tracking of sediments by construction vehicles.

*Refer to Section 5.1 of the Storm Water Pollution Prevention Plan.*

- ☒ Measures to ensure compliance with State or local waste disposal, sanitary sewer, or septic system regulations.

N/A.

- 2.4 ☒ Description of the timing during the construction when measures will be implemented.

*Refer to Section 2.3 of the Storm Water Pollution Prevention Plan.*

3. ☒ State or local requirements incorporated into the plans.

*Refer to Sections 2.0, 2.2.1 and 3.0 of the Storm Water Pollution Prevention Plan.*

4. ☒ Inspection and maintenance procedures for control measures identified in the plan.

*Refer to Section 4.0 of the Storm Water Pollution Prevention Plan.*

5. ☒ Identification of allowable non-storm water discharges and pollution prevention measures.

*Refer to Section 5.0 of the Storm Water Pollution Prevention Plan.*

6. ☒ Contractor certification.

*Refer to Section 7.0 of the Storm Water Pollution Prevention Plan.*

7. ☒ Plan certification.

*Refer to Section 6.0 of the Storm Water Pollution Prevention Plan.*



|                                              |
|----------------------------------------------|
| <b>CONSTRUCTION GENERAL PERMIT CHECKLIST</b> |
|----------------------------------------------|

|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Storm Water Pollution Prevention Plan<br/>Construction/Implementation Checklist</b> |
|----------------------------------------------------------------------------------------|

1. Maintain Records of Construction Activities, including:
  - ☐ Dates when major grading activities occur
  - ☐ Dates when construction activities temporarily cease on a portion of the site
  - ☐ Dates when construction activities permanently cease on a portion of the site
  - ☐ Dates when stabilization measures are initiated on the site
2. Prepare Inspection Reports summarizing:
  - ☐ Name of inspector
  - ☐ Qualifications of inspector
  - ☐ Measures/areas inspected
  - ☐ Observed conditions
  - ☐ Changes necessary to the SWPPP
3. Report Release of Reportable Quantities of Oil or Hazardous Materials (if they occur);
  - ☐ Notify National Response Center 800/424-8802 immediately
  - ☐ Notify permitting authority in writing within 14 days
  - ☐ Modify the pollution prevention plan to include:
    - The date of release
    - Circumstances leading to the release
    - Steps taken to prevent reoccurrence of the release
4. Modify Pollution Prevention Plan as necessary to:
  - ☐ Comply with minimum permit requirements when notified by EPA that the plan does not comply.
  - ☐ Address a change in design, construction, operation, or maintenance which has an effect on the potential for discharge of pollutants
  - ☐ Prevent reoccurrence of reportable quantity releases of a hazardous material or oil.

**APPENDIX C**  
**INSPECTION REPORT FORM**

## Stormwater Pollution Prevention Plan Inspection Report Form

**Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.**

Project Name: \_\_\_\_\_

FDEP NPDES Stormwater Identification Number: \_\_\_\_\_

| Location | Rain data | Type of Control<br>(see below) | Date installed/<br>Modified | Current Condition<br>(see below) | Corrective Action /Other Remarks |
|----------|-----------|--------------------------------|-----------------------------|----------------------------------|----------------------------------|
|          |           |                                |                             |                                  |                                  |
|          |           |                                |                             |                                  |                                  |
|          |           |                                |                             |                                  |                                  |
|          |           |                                |                             |                                  |                                  |
|          |           |                                |                             |                                  |                                  |
|          |           |                                |                             |                                  |                                  |

Condition Code:

G = Good

M = Marginal, needs maintenance or replacement soon

P = Poor, needs immediate maintenance or replacement

C = Needs to be cleaned

O = Other

### Control Type Codes

|                         |                                         |                                      |                                 |
|-------------------------|-----------------------------------------|--------------------------------------|---------------------------------|
| 1. Silt Fence           | 10. Storm drain inlet protection        | 19. Reinforced soil retaining system | 28. Tree protection             |
| 2. Earth dikes          | 11. Vegetative buffer strip             | 20. Gabion                           | 29. Detention pond              |
| 3. Structural diversion | 12. Vegetative preservation area        | 21. Sediment Basin                   | 30. Retention pond              |
| 4. Swale                | 13. Retention Pond                      | 22. Temporary seed/sod               | 31. Waste disposal/housekeeping |
| 5. Sediment Trap        | 14. Construction entrance stabilization | 23. Permanent seed/sod               | 32. Dam                         |
| 6. Check dam            | 15. Perimeter ditch                     | 24. Mulch                            | 33. Sand Bag                    |
| 7. Subsurface drain     | 16. Curb and gutter                     | 25. Hay Bales                        | 34. Filter sock/Straw wattle    |
| 8. Pipe slope drain     | 17. Paved road surface                  | 26. Geotextile                       | 35. Other                       |
| 9. Level spreaders      | 18. Rock outlet protection              | 27. Rip-rap                          |                                 |

Inspector Information:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Qualification

\_\_\_\_\_  
Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

\*\*\*\*\*

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

\_\_\_\_\_  
Name (Responsible Authority)

\_\_\_\_\_  
Date

**APPENDIX D**  
**STORMWATER POLLUTION PREVENTION PLAN ADDENDA**  
**(AS NEEDED TO POST MODIFICATIONS TO SWPPP)**

Any modifications to the proposed erosion and sediment control devices, maintenance schedules, construction sequence, and spill prevention plans presented in this SWPPP will be added to this Appendix



**APPENDIX I**  
**FIELD LOG SHEETS**

# Tetra Tech, Inc.

PROJECT: Air Sparge IM Installation

LOCATION: CCF East

PROJECT MANAGER: Mark Jonnet

JOB #: \_\_\_\_\_

DATE: \_\_\_\_\_

FOL: \_\_\_\_\_

| DAILY ACTIVITIES CHECKLIST                                                                              |     |    |     |
|---------------------------------------------------------------------------------------------------------|-----|----|-----|
| Startup Checklist                                                                                       |     |    |     |
| Activity                                                                                                | Yes | No | N/A |
| Pertinent site activities/information entered into site logbook                                         |     |    |     |
| All onsite personnel listed in logbook                                                                  |     |    |     |
| Required medical information onsite for all workers (Tt and Subcontractors)                             |     |    |     |
| Required MSDS's onsite                                                                                  |     |    |     |
| Proper equipment calibrations performed (list equipment)                                                |     |    |     |
| 1 _____                                                                                                 |     |    |     |
| 2 _____                                                                                                 |     |    |     |
| 3 _____                                                                                                 |     |    |     |
| 4 _____                                                                                                 |     |    |     |
| Calibration logs filled out                                                                             |     |    |     |
| Tailgate H&S meeting held prior to beginning field activities                                           |     |    |     |
| Required work permits filled out/signed                                                                 |     |    |     |
| Required utility clearances obtained                                                                    |     |    |     |
| Required PPE onsite and in use                                                                          |     |    |     |
| Information required to be posted is in place<br>(OSHA poster, hospital route, key phone numbers, etc.) |     |    |     |
| Exit Checklist                                                                                          |     |    |     |
| Activity                                                                                                | Yes | No | N/A |
| Logbooks completely and comprehensively filled out                                                      |     |    |     |
| Field forms complete and accounted for/properly filed                                                   |     |    |     |
| Samples properly packaged/shipped                                                                       |     |    |     |
| COCs faxed to appropriate in-house personnel                                                            |     |    |     |
| All equipment accounted for, on charge if needed, and properly secured                                  |     |    |     |
| All personnel accounted for                                                                             |     |    |     |
| Arrangements made for upcoming work (permits, clearances, equipment, etc.)                              |     |    |     |
| Site properly secured                                                                                   |     |    |     |

Note - not all items listed apply to every job, and some additional requirements may apply on a job-specific basis.



Tetra Tech, Inc.

DAILY ACTIVITIES RECORD

|                   |  |                                     |  |                 |  |  |  |
|-------------------|--|-------------------------------------|--|-----------------|--|--|--|
| PROJECT NAME:     |  | CCF East Air Sparge IM Installation |  | PROJECT NUMBER: |  |  |  |
| CLIENT:           |  | NASA, Kennedy Space Center          |  | LOCATION:       |  |  |  |
| DATE:             |  |                                     |  | ARRIVAL TIME:   |  |  |  |
| Tt NUS PERSONNEL: |  |                                     |  | DEPARTURE TIME: |  |  |  |
| CONTRACTOR:       |  |                                     |  | DRILLER:        |  |  |  |

| ITEM | QUANTITY ESTIMATE | QUANTITY TODAY | PREVIOUS TOTAL QUANTITY | CUMULATIVE QUANTITY TO DATE |
|------|-------------------|----------------|-------------------------|-----------------------------|
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |
|      |                   |                |                         |                             |

COMMENTS:

APPROVED BY:

Tt NUS REPRESENTATIVE

DRILLER

DATE:

# Tetra Tech, Inc.

PROJECT: CCF East Air Sparge IM Installation

LOCATION: CCF

JOB & CTO #: \_\_\_\_\_

MOBILIZATION DATE: \_\_\_\_\_

PROJECT MANAGER: \_\_\_\_\_

RETURN DATE: \_\_\_\_\_

## FIELD PROJECT PRE-MOBILIZATION CHECKLIST

| TRAVEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MISCELLANEOUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Airline reservations<br><input type="checkbox"/> Hotel reservations/BOQs<br><input type="checkbox"/> Vehicle rental<br><input type="checkbox"/> Itinerary<br><input type="checkbox"/> Phone/pager number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Schedule</b><br><input type="checkbox"/> Plan field operations w/ Project manager<br><b>Documents for Field Program</b><br><input type="checkbox"/> Logbook(s)<br><input type="checkbox"/> Field Sampling plan<br><input type="checkbox"/> Health & Safety plan<br><input type="checkbox"/> Maps<br><input type="checkbox"/> H & S Guidance Manual<br><b>Authorization</b><br><input type="checkbox"/> Kick-off meeting held<br><input type="checkbox"/> Gov't rate letter<br><input type="checkbox"/> H&S/OSHA 40-hour certificate<br><input type="checkbox"/> 8-Hour Refresher Training Certificate<br><input type="checkbox"/> Medical Clearance Letter<br><input type="checkbox"/> Supervisory Training Certificate<br><input type="checkbox"/> Health & Safety Clearance Letter<br><input type="checkbox"/> Full-size OSHA Poster |
| <b>DRILLING/DPT/SURVEY</b><br><b>Subcontractor</b><br><input type="checkbox"/> POC phone #/address<br><input type="checkbox"/> Drill Specification RFP<br><input type="checkbox"/> Contact (time & place to meet)<br><input type="checkbox"/> Confirm subcontract w/ TtNUS Procurement<br><input type="checkbox"/> Health and Safety documentation for all personnel on site<br><input type="checkbox"/> Copy of Drillers license<br><input type="checkbox"/> Well / boring permits<br><b>Utilities (2 weeks lead time)</b><br><input type="checkbox"/> Contact Site POC (Date: _____)<br><input type="checkbox"/> Contact Local "Call Before You Dig"<br><input type="checkbox"/> Utility Clearance Form<br><b>Forms</b><br><input type="checkbox"/> Boring logs / Test Pit logs<br><input type="checkbox"/> Well construction / development forms<br><input type="checkbox"/> Daily activity forms<br><input type="checkbox"/> IDW inventory<br><input type="checkbox"/> IDW drum labels<br><input type="checkbox"/> Chemical Inventory<br><input type="checkbox"/> MSDS's | <b>HYDROGEOLOGY EQUIPMENT</b><br><input type="checkbox"/> Slug test/pumping test forms<br><input type="checkbox"/> Groundwater elevation data sheets<br><input type="checkbox"/> Graph paper<br><input type="checkbox"/> Data Logger/transducer/data cable<br><input type="checkbox"/> Existing well construction & water level data<br><input type="checkbox"/> M-Scope, slug                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>EQUIPMENT MOBILIZATION</b><br><input type="checkbox"/> Equipment Requisition form completed / equipment ordered<br><input type="checkbox"/> 3rd Party rental / misc. equipment ordered<br><input type="checkbox"/> Equipment calibration forms<br><input type="checkbox"/> Span / calibration gas and regulator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>SHIPPING</b><br><b>Forms</b><br><input type="checkbox"/> FedEx Airbills, local dropoff location & hours<br><input type="checkbox"/> FedEx Gov. Acct# (1771-8058-0)<br><input type="checkbox"/> Lab Shipping Labels<br><input type="checkbox"/> Warehouse Shipping Labels<br><input type="checkbox"/> Blank Labels<br><b>Supplies</b><br><input type="checkbox"/> Tape<br><input type="checkbox"/> Packing materials<br><input type="checkbox"/> Baggies, Large garbage bags                                                                                                                                                                                                                                                                                                                                                            |
| <b>SAMPLING</b><br><b>Forms</b><br><input type="checkbox"/> Sample log sheets<br><input type="checkbox"/> Low-flow purge data sheets<br><input type="checkbox"/> COC records<br><input type="checkbox"/> COC seals<br><input type="checkbox"/> Sample labels (from database group)<br><b>Laboratory</b><br><input type="checkbox"/> POC address/phone#<br><input type="checkbox"/> Order bottles / preservatives<br><input type="checkbox"/> Shipping address, also check Sat. address<br><input type="checkbox"/> Bottle & preservation req'ts from lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>OTHER</b><br><input type="checkbox"/> Site POC name/phone #<br><input type="checkbox"/> Personnel information to POC<br><input type="checkbox"/> Mobilization schedule to POC<br><input type="checkbox"/> Site access authorizations<br><input type="checkbox"/> Field office / trailer arrangements made<br><input type="checkbox"/> Electric, phone hookups arranged<br><input type="checkbox"/> Steel-toed boots, safety glasses, & hard hat<br><input type="checkbox"/> First aid equipment<br><input type="checkbox"/> Insect repellent<br><input type="checkbox"/> _____<br><input type="checkbox"/> _____                                                                                                                                                                                                                       |

Note - not all items listed apply to every job, and some additional requirements may apply on a job-specific basis.

PROJECT NAME: CCF East AS IM  
PROJECT NUMBER: \_\_\_\_\_  
DRILLING COMPANY: \_\_\_\_\_  
DRILLING RIG: \_\_\_\_\_

BORING No.: \_\_\_\_\_  
DATE: \_\_\_\_\_  
GEOLOGIST: \_\_\_\_\_  
DRILLER: \_\_\_\_\_

[illegible]

\* When rock coring, enter rock brokenness.

\*\* Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response read.

Remarks:

Drilling Area  
Background (ppm):

|                    |     |    |              |
|--------------------|-----|----|--------------|
| Converted to Well: | Yes | No | Well I.D. #: |
|--------------------|-----|----|--------------|



# GROUNDWATER LEVEL MEASUREMENT SHEET

**Project Name:** \_\_\_\_\_ **Project No.:** \_\_\_\_\_  
**Location:** \_\_\_\_\_ **Personnel:** \_\_\_\_\_  
**Weather Conditions:** \_\_\_\_\_ **Measuring Device:** \_\_\_\_\_  
**Tidally Influenced:** Yes \_\_\_\_ No \_\_\_\_ **Remarks:** \_\_\_\_\_

[illegible]



Tetra Tech, Inc.

## GROUNDWATER SAMPLE LOG SHEET

Page \_\_\_ of \_\_\_

Project Site Name: \_\_\_\_\_  
Project No.: \_\_\_\_\_  
☐ Domestic Well Data  
☐ Monitoring Well Data  
☐ Other Well Type: \_\_\_\_\_  
☐ QA Sample Type: \_\_\_\_\_

Sample ID No.: \_\_\_\_\_  
Sample Location: \_\_\_\_\_  
Sampled By: \_\_\_\_\_  
C.O.C. No.: \_\_\_\_\_  
Type of Sample:  
☐ Low Concentration  
☐ High Concentration

## SAMPLING DATA:

| Date:   | Color<br>(Visual) | pH<br>(S.U.) | S.C.<br>(mS/cm) | Temp.<br>(°C) | Turbidity<br>(NTU) | DO<br>(mg/l) | Salinity<br>(%) | Other |
|---------|-------------------|--------------|-----------------|---------------|--------------------|--------------|-----------------|-------|
| Time:   |                   |              |                 |               |                    |              |                 |       |
| Method: |                   |              |                 |               |                    |              |                 |       |

## PURGE DATA:

| Date:                                    | Volume | pH | S.C. | Temp. | Turbidity | DO | Salinity | Other |
|------------------------------------------|--------|----|------|-------|-----------|----|----------|-------|
| Method:                                  |        |    |      |       |           |    |          |       |
| Monitor Reading (ppm):                   |        |    |      |       |           |    |          |       |
| Well Casing Diameter & Material<br>Type: |        |    |      |       |           |    |          |       |
| Total Well Depth (TD):                   |        |    |      |       |           |    |          |       |
| Static Water Level (WL):                 |        |    |      |       |           |    |          |       |
| One Casing Volume(gal/L):                |        |    |      |       |           |    |          |       |
| Start Purge (hrs):                       |        |    |      |       |           |    |          |       |
| End Purge (hrs):                         |        |    |      |       |           |    |          |       |
| Total Purge Time (min):                  |        |    |      |       |           |    |          |       |
| Total Vol. Purged (gal/L):               |        |    |      |       |           |    |          |       |

## SAMPLE COLLECTION INFORMATION:

| Analysis | Preservative | Container Requirements | Collected |
|----------|--------------|------------------------|-----------|
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |
|          |              |                        |           |

## OBSERVATIONS / NOTES:

|  |
|--|
|  |
|--|

Circle if Applicable:

|        |                   |
|--------|-------------------|
| MS/MSD | Duplicate ID No.: |
|--------|-------------------|

Signature(s):

|  |
|--|
|  |
|--|



## Page \_\_\_\_ of \_\_\_\_

[illegible]

Precommissioning/Shakedown Inspection Checklist  
Implementation Work Plan  
CCF East, SWMU 030  
Kennedy Space Center, Florida  
Page 1 of 1

|                                                                                                                |                     |                 |
|----------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| <b>Site: CCF East, SWMU 030</b>                                                                                |                     | <b>Date:</b>    |
| <b>Name:</b>                                                                                                   |                     |                 |
| <b>Purpose:</b>                                                                                                |                     |                 |
| <b>Weather:</b>                                                                                                |                     |                 |
|                                                                                                                | <b>Verification</b> | <b>Comments</b> |
| <b>Subsurface</b>                                                                                              |                     |                 |
| Wells installed and developed                                                                                  | Y / N               |                 |
| Well heads assembled and installed correctly                                                                   | Y / N               |                 |
| Distribution manifold assembled and installed correctly                                                        | Y / N               |                 |
| Trenches, seals, piping installed as specified                                                                 | Y / N               |                 |
| <b>Piping Installation</b>                                                                                     |                     |                 |
| Piping complete (aboveground and subsurface)                                                                   | Y / N               |                 |
| Control and check valves installed and operation verified                                                      | Y / N               |                 |
| Valves accessible and operational                                                                              | Y / N               |                 |
| Piping clearly labeled and valves tagged                                                                       | Y / N               |                 |
| Final approval from utility inspector (if applicable)                                                          | Y / N               |                 |
| <b>Equipment Building</b>                                                                                      |                     |                 |
| Treatment system built to specifications                                                                       | Y / N               |                 |
| Vibration dampers installed on heavy equipment, bolted in place                                                | Y / N               |                 |
| Motor and blower coupling alignments level and true                                                            | Y / N               |                 |
| Blower and pump rotation verified                                                                              | Y / N               |                 |
| Pipe supports installed/tested                                                                                 | Y / N               |                 |
| Pumps and seals intact (no leaks)                                                                              | Y / N               |                 |
| Belts properly tensioned, guards in place                                                                      | Y / N               |                 |
| Lubricating oil filled, motors greased                                                                         | Y / N               |                 |
| <b>Electrical/Controls/Instrumentation</b>                                                                     |                     |                 |
| Grounding installed/inspected                                                                                  | Y / N               |                 |
| Lighting/Exhaust Fans/HVAC/Thermostats functional                                                              | Y / N               |                 |
| Lockouts/covers/panels in place                                                                                | Y / N               |                 |
| Pressure/vacuum/flow/temp. transducers functioning/calibrated                                                  | Y / N               |                 |
| Temperature, pressure, and vacuum gauges installed                                                             | Y / N               |                 |
| High and low fluid level, pressure, and temp. sensors operating                                                | Y / N               |                 |
| Disconnects in sight of unit being controlled                                                                  | Y / N               |                 |
| Controls/Alarms/Interlocks functional and calibrated                                                           | Y / N               |                 |
| Power connected to on-line monitoring instruments                                                              | Y / N               |                 |
| Final approval from electrical inspector, if applicable                                                        | Y / N               |                 |
| <b>General</b>                                                                                                 |                     |                 |
| Operators have been properly trained                                                                           | Y / N               |                 |
| Air sparge system functional                                                                                   | Y / N               |                 |
| Control panel purge system functional                                                                          | Y / N               |                 |
| <b>Other (Enter additional commissioning inspections)</b>                                                      |                     |                 |
|                                                                                                                | Y / N               |                 |
|                                                                                                                | Y / N               |                 |
|                                                                                                                | Y / N               |                 |
|                                                                                                                | Y / N               |                 |
|                                                                                                                | Y / N               |                 |
| <div style="display: flex; justify-content: space-between;"> <span>Signature:</span> <span>Date:</span> </div> |                     |                 |

Startup Sequence Checklist  
Implementation Work Plan  
CCF East, SWMU 030  
Kennedy Space Center, Florida

| <b>STARTUP SEQUENCE CHECKLIST</b>                                                                                            |              |              |
|------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>Site: CCF East, SWMU 030</b>                                                                                              |              | <b>Date:</b> |
| <b>Name:</b>                                                                                                                 |              |              |
| <b>Purpose:</b>                                                                                                              |              |              |
| <b>Weather:</b>                                                                                                              |              |              |
| Verification                                                                                                                 | Verification | Comments     |
| Review HASP and system O&M manual                                                                                            | Y / N        |              |
| Verify that ALL commissioning activities have been completed                                                                 | Y / N        |              |
| Verify liquid/air-tight seals at AS wells are tight                                                                          | Y / N        |              |
| Verify that filter elements are installed                                                                                    | Y / N        |              |
| Verify that condensate lines and treatment system is prepared for operation                                                  | Y / N        |              |
| Ensure that ALL baseline samples and measurements have been collected                                                        | Y / N        |              |
| Energize system control panel                                                                                                | Y / N        |              |
| Verify rotating equipment operation/rotation through manual bump override                                                    | Y / N        |              |
| Calibrate all dedicated and portable instruments & file calibration sheets                                                   | Y / N        |              |
| <b>Treatment System Startup</b>                                                                                              |              |              |
| Place manual distribution valves into their appropriate positions                                                            | Y / N        |              |
| Place manual system valves into their appropriate positions                                                                  | Y / N        |              |
| Verify electrical disconnect is in energized position                                                                        | Y / N        |              |
| Ensure all alarms conditions are cleared                                                                                     | Y / N        |              |
| Turn solenoid valves selector switch to AUTO, verify sequencing                                                              | Y / N        |              |
| Turn air compressor selector switch to AUTO                                                                                  | Y / N        |              |
| Verify operating flows, pressures, and temperatures                                                                          | Y / N        |              |
| Verify system of sequence of operation and operating parameters                                                              | Y / N        |              |
| Inspect lines for leaks at operating conditions                                                                              | Y / N        |              |
| <b>Other</b>                                                                                                                 |              |              |
| Collect Samples as indicated in IWP                                                                                          | Y / N        |              |
| Complete O&M checklist upon completion of shakedown/start-up                                                                 | Y / N        |              |
|                                                                                                                              |              |              |
| <div style="display: flex; justify-content: space-between;"> <span><b>Signature:</b></span> <span><b>Date:</b></span> </div> |              |              |



## CCF East - Process Data Recording Sheet (Each Visit)

[illegible]



Routine System Inspection Checklist  
Implementation Work Plan  
CCF East, SWMU 030  
Kennedy Space Center, Florida

|                                            | Each Visit | Every 3<br>Months or<br>2000 hours | Every 6<br>Months | As needed |
|--------------------------------------------|------------|------------------------------------|-------------------|-----------|
| <b>ROTARY SCREW COMPRESSOR</b>             |            |                                    |                   |           |
| Check Unit for loose bolts and parts       | X          |                                    |                   |           |
| Clean/Replace Air Filter                   | X          |                                    |                   |           |
| Replace Oil                                |            | X                                  |                   |           |
| Lubricate Bearings                         |            | X                                  |                   |           |
| <b>RECEIVER TANK</b>                       |            |                                    |                   |           |
| Purge Tank                                 | X          |                                    |                   |           |
| Check Regulator                            | X          |                                    |                   |           |
| <b>REFRIGERATED AIR DRYER</b>              |            |                                    |                   |           |
| Check Unit for loose bolts and parts       | X          |                                    |                   |           |
| Cleaning Coil cooling fins of oil and dust | X          |                                    |                   |           |
| Internal Coil Flush                        |            |                                    |                   | X         |
| Electric Motor Lubrication                 |            | X                                  |                   |           |
| Cleaning of Fan Blades                     | X          |                                    |                   |           |
| <b>CONDENSATE MANAGEMENT SYSTEM</b>        |            |                                    |                   |           |
| Inspect autodrain and check valves         | X          |                                    |                   |           |
| Properly dispose of separated oil          |            |                                    |                   | X         |
| Replace carbon media                       |            |                                    | X                 |           |
| Flush carbon with dilute acid              |            |                                    |                   | X         |

IDW Management Form  
Implementation Work Plan  
CCF East, SWMU 030  
Kennedy Space Center, Florida

[illegible]

**APPENDIX J**  
**MAINTENANCE OF TRAFFIC (MOT) PLAN**



The completed MOT will be added to the field copy of the IWP once completed/approved.