KENNEDY SPACE CENTER ENVIRONMENTAL HEALTH PROGRAM

ENVIRONMENTAL HEALTH SERVICES

- HEALTH PHYSICS

ENVIRONMENTAL SANITATION AND POLLUTION CONTROL

- INDUSTRIAL HYGIENE

HEALTH PHYSICS

- IONIZING RADIATION
  - RADIOACTIVE MATERIALS
  - INDUSTRIAL RADIOPHraphY OPERATIONS - CO$_{60}$, IR$_{192}$
  - CALIBRATION SOURCES
  - RESEARCH EXPERIMENTS C$_{14}$, H$_{3}$
  - PAYLOAD PROCESSING
  - RADIOISOTOPE THERMOELECTRIC GENERATORS
  - RADIATION PRODUCING DEVICES
    - MEDICAL X-RAY
    - ELECTRON MICROSCOPE
    - INDUSTRIAL X-RAY
    - LINEAR ACCELERATORS

- NON IONIZING RADIATION
  - COMPREHENSIVE RADIATION PROTECTION SURVEYS
    - RADIOFREQUENCY AND MICROWAVE TRANSMITTERS
    - LASERS
    - OPTICAL DEVICES
    - VIDEO DISPLAY TERMINALS

- RADIATION USE AUTHORIZATION
  - REQUIRED FOR ALL HAZARDOUS SOURCES OF RADIATION
  - EVALUATION OF POTENTIAL RADIATION HAZARDS
  - IDENTIFIES APPROPRIATE CONTROLS FOR SAFE USE OF RADIATION SOURCES
ENVIRONMENTAL SANITATION / POLLUTION CONTROL

• ENVIRONMENTAL SANITATION
  - DRINKING WATER INSPECTION
  - FOOD SERVICE INSPECTION
  - FACILITY SANITATION INSPECTIONS
  - CHILD CARE FACILITY INSPECTIONS
  - ANIMAL/VECTOR CONTROL INVESTIGATIONS
  - LAUNCH AND LANDING SUPPORT
  - ON-SITE SEWAGE DISPOSAL SYSTEMS
  - MOSQUITO SURVEILLANCE

• POLLUTION CONTROL & CONTAMINATION INVESTIGATIONS
  - PERMIT COMPLIANCE MONITORING
    • LAUNCH COMPLEXES
    • OTHER FACILITIES
  - SPILL INVESTIGATIONS
  - CONTAMINATION INVESTIGATIONS
  - REMEDIATION MONITORING
  - SPECIAL PROJECTS - CONSTRUCTION PROJECTS

• AIR EMISSION COMPLIANCE
  - PERMITTED FACILITY MONITORING
  - HVAC/MVAC COMPLIANCE MONITORING
  - FUGITIVE EMISSIONS MONITORING
  - VISIBLE EMISSIONS MONITORING
• NATURAL RESOURCES
  - HISTORIC PRESERVATION
  - WETLANDS
  - STORMWATER
  - SURFACE WATER
  - FLOOD PLAIN MANAGEMENT
  - COASTAL ZONE MANAGEMENT
  - THREATENED AND ENDANGERED SPECIES
  - NATIONAL ENVIRONMENTAL POLICY ACT COORDINATION
  - ENVIRONMENTAL ASSESSMENTS/ENVIRONMENTAL IMPACT STATEMENTS
  - SITING REQUESTS
  - DIG PERMITS
  - DOCUMENTATION
INDUSTRIAL HYGIENE

• HEALTH HAZARD EVALUATIONS
  – CHEMICAL EXPOSURE ASSESSMENTS
    • DUSTS
    • FUMES
    • MISTS
    • GASES
    • VAPORS
  – DOSIMETRY PROGRAMS
    • HYDRAZINE
    • OZONE
  – HEAT STRESS SURVEYS
  – OCCUPATIONAL SAFETY AND HEALTH COMPLIANCE
    • LEAD
    • CADMIUM
    • ASBESTOS
  – UNIQUE HAZARDS
    • COMPOSITE FIBERS
    • DIMETHYLETHOXYSILANE

• CONFINED SPACE
  – CONFINED SPACE HAZARD EVALUATIONS
  – ENTRY CHECK
  – ATMOSPHERIC TESTING
    • OXYGEN DEFICIENCY
    • COMBUSTIBLE GAS
    • TOXIC GAS, VAPOR

• COMPLAINT INVESTIGATIONS
  – ODOR COMPLAINTS
  – INDOOR AIR QUALITY SURVEYS
  – INDUSTRIAL INCIDENT / EXPOSURE INVESTIGATIONS
• EMERGENCY RESPONSE
  - 911 RESPONSE
  - DISASTER CONTROL GROUP

• LAUNCH SUPPORT
  - SHUTTLE, TITAN, ATLAS, DELTA
    • DOWNWIND ROVER
    • HAZARDOUS AREA OPEN-UP
    • TOXIC VAPOR CHECK

• ASBESTOS
  - ABATEMENT OPERATIONS MONITORING
  - AIR SAMPLING AND ANALYSIS
  - BULK SAMPLE COLLECTION AND ANALYSIS
  - PROJECT DESIGN REVIEW
  - COMPREHENSIVE FACILITY SURVEY

• HAZARDOUS NOISE
  - AREA SURVEY
  - PERSONNEL DOSIMETRY
  - THRESHOLD SHIFT FOLLOW-UP
  - REVIEW FOR HEARING CONSERVATION PROGRAM

• VENTILATION
  - LABORATORY HOODS
  - LOCAL EXHAUST SYSTEMS
  - GENERAL VENTILATION SYSTEMS