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 RADIOPHOTOGRAPHY OPERATIONS - CO\textsubscript{60}, IR\textsubscript{192}
    - CALIBRATION SOURCES
    - RESEARCH EXPERIMENTS C\textsubscript{14}, H\textsubscript{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