

N00213.AR.001423
NAS KEY WEST
5090.3a

FINAL SITE INSPECTION REPORT FOR SITES 2 AND 6 NAS KEY WEST FL
2/1/1990
IT CORPORATION



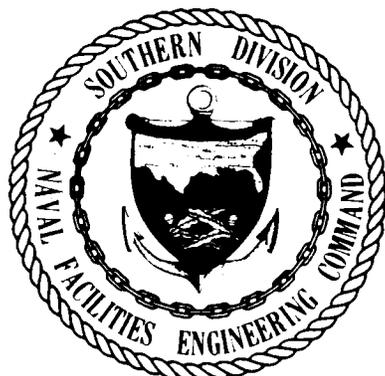
FINAL REPORT

FEBRUARY 1990

SITE INSPECTION

SITES 2 AND 6

**CONTAMINATION INVESTIGATION
NAVAL AIR STATION - KEY WEST
KEY WEST, FLORIDA
CONTRACT NO. N62467-88-C-0196**



Prepared By:

IT CORPORATION

3012 U.S. HIGHWAY 301 NORTH, SUITE 1000

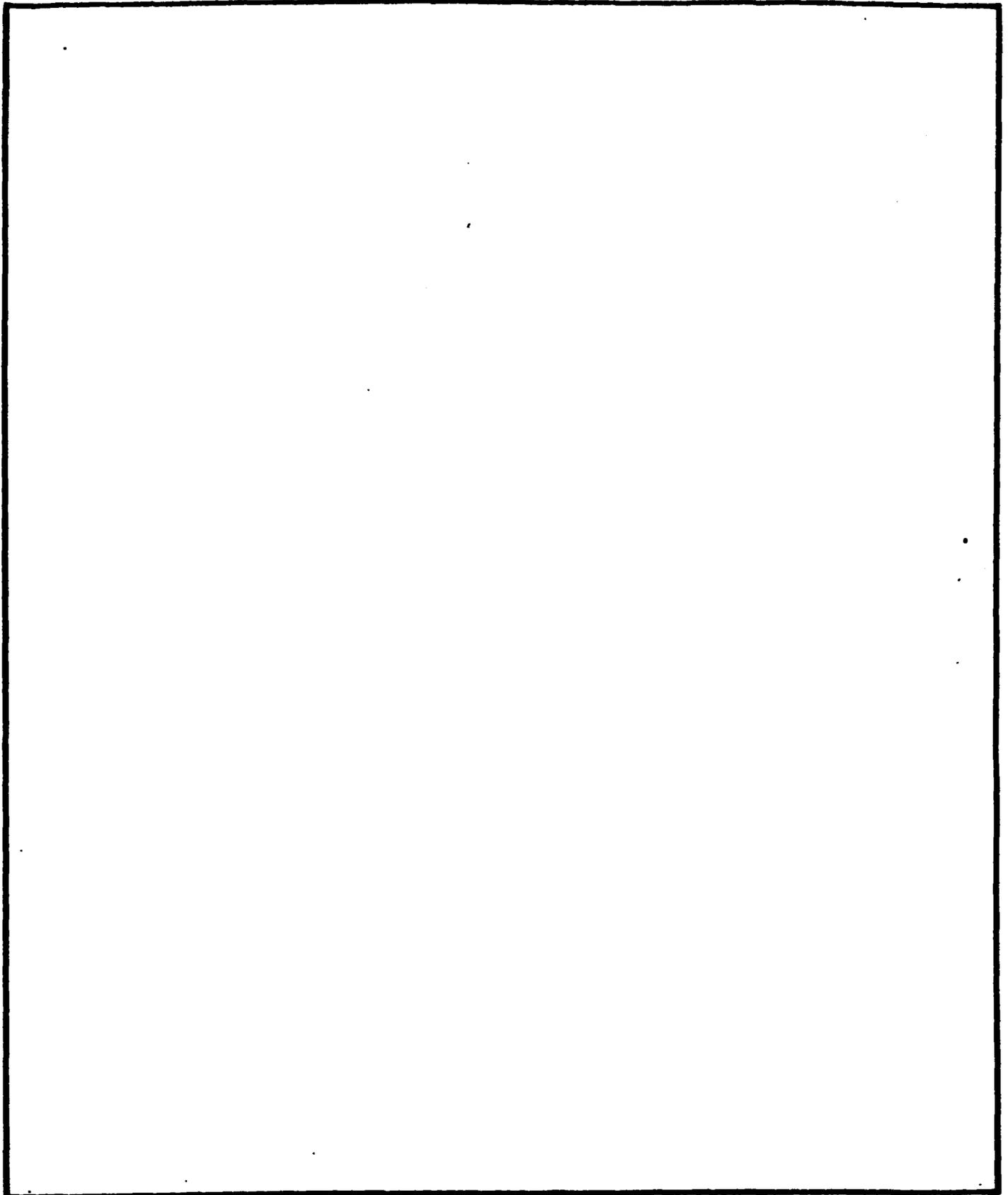
TAMPA, FLORIDA 33619

DISTRIBUTION LIST

| <u>RECIPIENT</u> | <u>NO. OF COPIES</u> |
|------------------------------------------------------------|----------------------|
| SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND | 3 |
| PUBLIC WORKS ENGINEERING, NAS-KEY WEST | 15 |
| MARTIN MARIETTA ENERGY SYSTEMS | 0 |
| ROBERT D. STEPHENS, IT-TAMPA | 1 |
| JO ANNE GARRETT, IT-KNOXVILLE | 1 |
| LEGGETTE, BRASHEARS, & GRAHAM, INC. | 2 |
| MARK HAMPTON, IT-TAMPA | 1 |
| PROJECT FILE | 1 |
| PROJECT FILE - UNBOUND | 1 |
| REPORT FILE | 1 |

REPORT DOCUMENTATION PAGE

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------|
| 1a. REPORT SECURITY CLASSIFICATION Unclassified | | 1b. RESTRICTIVE MARKINGS None | |
| 2a. SECURITY CLASSIFICATION AUTHORITY | | 3. DISTRIBUTION / AVAILABILITY OF REPORT | |
| 2b. DECLASSIFICATION / DOWNGRADING SCHEDULE N/A | | | |
| 4. PERFORMING ORGANIZATION REPORT NUMBER(S) | | 5. MONITORING ORGANIZATION REPORT NUMBER(S) | |
| 6a. NAME OF PERFORMING ORGANIZATION IT Corporation | 6b. OFFICE SYMBOL (if applicable) | 7a. NAME OF MONITORING ORGANIZATION Southern Division, Naval Facilities Engineering Command | |
| 6c. ADDRESS (City, State, and ZIP Code) 3012 US Hwy. 301, North, Suite 1000 Tampa FL 33619 | | 7b. ADDRESS (City, State, and ZIP Code) 2155 Eagle Dr., P.O. Box 10068 Charleston SC 29411 | |
| 8a. NAME OF FUNDING / SPONSORING ORGANIZATION See 7a | 8b. OFFICE SYMBOL (if applicable) | 9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER N62467-88-0196 | |
| 8c. ADDRESS (City, State, and ZIP Code) See 7b | | 10. SOURCE OF FUNDING NUMBERS | |
| | | PROGRAM ELEMENT NO | PROJECT NO |
| | | TASK NO | WORK UNIT ACCESSION NO. |
| 11. TITLE (Include Security Classification) Site inspection sites 2 and 6. | | | |
| 12. PERSONAL AUTHOR(S) Musick, Sally; and Stephens, Robert D. | | | |
| 13a. TYPE OF REPORT Final | 13b. TIME COVERED FROM _____ TO _____ | 14. DATE OF REPORT (Year, Month, Day) 1990 February 23 | 15. PAGE COUNT |
| 16. SUPPLEMENTARY NOTATION | | | |
| 17. COSATI CODES | | 18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) | |
| FIELD | GROUP | SUB-GROUP | |
| | | Hazard Ranking System Scores No Further Action | |
| | | Sites 2 and 6, NAS-Key West | |
| 19. ABSTRACT (Continue on reverse if necessary and identify by block number) | | | |
| Document contains the Hazard Ranking System Scores for site 6. No Further Action document was prepared for both sites 2 and 6. The EPA's Site Inspection forms were completed for both sites. | | | |
| 20. DISTRIBUTION / AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS | | 21. ABSTRACT SECURITY CLASSIFICATION Unclassified | |
| 22a. NAME OF RESPONSIBLE INDIVIDUAL Robert Moser | | 22b. TELEPHONE (Include Area Code) (803)743-0573 | 22c. OFFICE SYMBOL 11519 |



SITE INSPECTION FOR SITES 2 AND 6
NAVAL AIR STATION-KEY WEST (UIC N00213)
KEY WEST, FLORIDA

PREPARED FOR

SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
CHARLESTON, SOUTH CAROLINA
CONTRACT NO. N62467-88-C-0196

PREPARED BY

IT CORPORATION
3012 U.S. HIGHWAY 301 N., SUITE 1000
TAMPA, FLORIDA 33619

FEBRUARY 1990

TABLE OF CONTENTS

| | <u>PAGE</u> |
|---------------------------------------------------------------|-------------|
| LIST OF FIGURES | ii |
| ACRONYMS AND SYMBOLS | iii |
| 1.0 INTRODUCTION | 1-1 |
| 2.0 SITE 2 - TRUMAN ANNEX TRANSFORMER OIL DISPOSAL AREA | 2-1 |
| 2.1 SITE DESCRIPTION | 2-1 |
| 2.2 FINDINGS | 2-1 |
| 2.3 CONCLUSIONS | 2-2 |
| 3.0 SITE 6 - DREDGERS KEY REFUSE DISPOSAL AREA | 3-1 |
| 3.1 SITE DESCRIPTION | 3-1 |
| 3.2 FINDINGS | 3-1 |
| 3.3 CONCLUSIONS | 3-2 |
| REFERENCES | |
| FIGURES | |
| APPENDIX A - SITE INSPECTION REPORT FOR SITE 2 | |
| APPENDIX B - HAZARD RANKING SYSTEM FOR SITE 2 | |
| APPENDIX C - SITE INSPECTION REPORT FOR SITE 6 | |
| APPENDIX D - HAZARD RANKING SYSTEM FOR SITE 6 | |
| APPENDIX E - PHOTOGRAPHS OF SITE 2 | |
| APPENDIX F - PHOTOGRAPHS OF SITE 6 | |

LIST OF FIGURES

| <u>FIGURE NO.</u> | <u>TITLE</u> |
|-------------------|-------------------------------------------------------------------|
| 1-1 | LOCATIONS OF NAVAL ACTIVITIES AND STUDY SITES |
| 2-1 | SITE LAYOUT TRUMAN ANNEX TRANSFORMER OIL DISPOSAL AREA, SITE 2 |
| 3-1 | SITE LAYOUT DREDGERS KEY REFUSE DISPOSAL AREA, SITE 6 |

ACRONYMS AND SYMBOLS

| <u>TITLE</u> | <u>DEFINITION</u> |
|----------------|----------------------------------------------------------------------|
| ACGIH | American Council of Governmental and Industrial Hygienist |
| ADI | Average Daily Intake |
| ARAR | Applicable or Relevant and Appropriate Requirements |
| ASTM | American Society of Testing and Materials |
| BW | Body Weight |
| CAG | Carcinogenic Assessment Group |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act |
| CFR | Code of Federal Regulations |
| CGA | Combustible Gas Analyzer (Exposimeter) |
| CLP | USEPA Contract Laboratory Program |
| CNO | Chief of Naval Operations |
| CPR | Cardio Pulmonary Resuscitation |
| CRPO | Community Relations Plan Outline |
| CRQL | Contract Required Quantification Limits |
| C _s | Concentration of Soil |
| DEQPPM | Defense Environmental Quality Program Policy Memorandum |
| DDT | Dichloro-Diphenyl-Trichloroethane |
| DDD | Dichloro-Diphenyl-Dichloroethane |
| DDE | Dichloro-Diphenyl-Dichloro-Ethylene |
| DMP | Data Management Plan |
| DOD | U.S. Department of Defense |
| DOT | U.S. Department of Transportation |
| DPDO | Defense Property Disposal Office |
| DQO | Data Quality Objectives |
| EFD | Engineering Field Division |
| EIC | Engineer-in-Charge |
| EP | Extraction Procedure/Exposure Period |
| FAC | Florida Administrative Code |
| FDER | Florida Department of Environmental Regulations |
| FEV/FVC | Forced Expiratory Volume/Forced Vital Capacity |
| FGFFC | Florida Game and Fresh Water Fish Commission |
| FID | Flame Ionization Detector |

ACRONYMS AND SYMBOLS (Continued)

| <u>TITLE</u> | <u>DEFINITION</u> |
|--------------|--------------------------------------------------------|
| FOC | Field Operations Coordinator |
| FS | Feasibility Study |
| FSP | Field Sampling Plan |
| GAC | Granular Activated Carbon |
| G&M | Geraghty and Miller |
| gpm | Gallons per Minute |
| HRS | Hazard Ranking System |
| HSC | Health and Safety Coordinator |
| HSP | Health and Safety Plan |
| HSWA | Hazardous and Solid Waste Amendments of 1984 |
| IAS | Initial Assessment Study |
| IBM PC | International Business Machine Corp. Personal Computer |
| ICRP | International Council on Radiation Protection |
| IR | Average Soil Ingestion Rate |
| IRP | Installation Restoration Program |
| IT | IT Corporation |
| ITAS | IT Analytical Services |
| LBG | Leggette, Brashears, and Graham, Inc. |
| LEL | Lower Explosive Limit |
| LIMS | Laboratory Information Management Systems |
| mg/kg | Milligrams/Kilogram |
| mg/L | Milligrams/Liter |
| MS DOS | Microsoft Disk Operating System |
| MSA | Mine Safety Administration |
| MSL | Mean Sea Level |
| NACIP | Navy Assessment and Control of Installation Pollutants |
| NAS | Naval Air Station |
| NAVENENVSA | Naval Energy and Environmental Support Activity |
| NAVFACENGCOM | Navy Facilities Engineering Command |

ACRONYMS AND SYMBOLS (Continued)

| <u>TITLE</u> | <u>DEFINITION</u> |
|--------------|--------------------------------------------------------|
| NCP | National Oil and Hazardous Substances Contingency Plan |
| NEESA | Naval Energy and Environmental Support Activity |
| NEPPS | Naval Environmental Protection Support Service |
| NFA | No Further Action |
| NIOSH | National Institute of Occupational Safety and Health |
| NPSS | Naval Environmental Protection Support Service |
| OSHA | Occupational Health and Safety Administration |
| OVA | Organic Vapor Analyzer |
| PAO | Public Affairs Officer |
| PC | Personal Computer |
| PCB | Polychlorinated Biphenyl |
| PEL | Permissible Exposure Limit |
| PID | Photoionization Detector |
| PMP | Project Management Plan |
| ppb | Parts per Billion |
| PPE | Personnel Protection Equipment |
| ppm | Parts per Million |
| q | Cancer Potency Factor |
| QA | Quality Assurance |
| QAO | Quality Assurance Officer |
| QAPP | Quality Assurance Project Plan |
| QA/QC | Quality Assurance/Quality Control |
| QC | Quality Control |
| R | Acceptable Incremental Lifetime Cancer Risk |
| RA | Risk Assessment or Remedial Action |
| RCRA | Resource Conservation and Recovery Act |
| RD | Remedial Design |
| RI | Remedial Investigation |
| RI/FS | Remedial Investigation/Feasibility Study |
| ROD | Record of Decision |
| RV | Recreational Vehicle |
| SAP | Sampling and Analysis Plan |

ACRONYMS AND SYMBOLS (Continued)

| <u>TITLE</u> | <u>DEFINITION</u> |
|--------------|---------------------------------------------------------|
| SARA | Superfund Amendments and Re-authorization Act |
| SCBA | Self Contained Breathing Apparatus |
| SI | Site Inspection |
| SMAC 20 | Simultaneous Analysis Complete |
| SOUTHDIV | Southern Division, Naval Facilities Engineering Command |
| SOW | Statement of Work |
| TCL | Target Compound List |
| TDS | Total Dissolved Solids |
| TLV | Threshold Limit Value |
| TRC | Technical Review Committee |
| ug/L | Micrograms/Liter |
| USCG | United States Coast Guard |
| USEPA | United States Environmental Protection Agency |
| USFWS | United States Fish and Wildlife Service |
| VOA | Volatile Organic Analysis |
| VOC | Volatile Organic Compounds |
| WBGT | Wet Globe Bulb Temperature Index |

PIACRONM.LST

1.0 INTRODUCTION

In accordance with the Statement of Work (SOW) under the Base Award for Contract No. N62467-88-C-0196, a Site Inspection Report and "No Further Action" document have been prepared for Site 2, the Transformer Oil Disposal Area located on Truman Annex, and Site 6, Refuse Disposal Area located on Dredgers Key (Figure 1-1). The Site Inspection and Hazard Ranking System forms, prepared in accordance with EPA guidelines, were based on information and technical analysis from the Initial Assessment and Verification Study prepared by Geraghty and Miller (G&M). The "No Further Action" documents were prepared based on the above documents and best professional judgement.

Sections 2.0 and 3.0 present the associated information, documentation, and findings for Sites 2 and 6, respectively, as required by the SOW.

2.0 SITE 2 - TRUMAN ANNEX TRANSFORMER OIL DISPOSAL AREA

Site 2 is the gravel parking lot area surrounding Building 795 on the Truman Annex. Building 795 is the Defense Property Disposal Office (DPDO), where obsolete transformers were sent for disposal during the mid 1950's to 1970.

The following sections include a brief site description, findings, and conclusions. The supporting documents/completed forms are included in Appendices A and B, which include the Site Inspection Report and Hazard Ranking System (HRS) Scores, respectively. The HRS Score for Site 2 was prepared by Joel Murphy for the Navy and is included for reference.

2.1 SITE DESCRIPTION

The gravel covered parking lot, designated Site 2, is approximately 0.5 acres in size with no surface vegetation. The parking lot surrounds the Defense Property Disposal Office, with a warehouse and offices immediately adjacent to the site. The site is approximately 1,000 feet from the ocean and is only a few feet above sea level. Because the site is on the edge of Navy property, it is partially, but not completely, fenced in. Fort Zachary Taylor, a Florida State Park, adjoins the site on one side. While the entire Annex is restricted to military personnel, Site 2 is subject to some pedestrian traffic from the warehouse and offices. The site is one quarter mile east of the Key West National Wild Life Refuge, and three and one quarter miles south of the Great White Heron National Refuge Area. Photographs of Site 2 are included in Appendix E.

2.2 FINDINGS

The records show that from the mid 1950's to 1970, obsolete transformers were taken to Building 795, the Defense Property Disposal Office, for final disposal. Reportedly, the transformers were lifted via a forklift, punctured, and drained. While the dielectric fluid was draining from the transformer, the forklift was driven back and forth over the parking lot. The oil and dielectric fluid was purposefully spread on the parking lot in this way to help control dust and weeds. During this period, polychlorinated biphenyls (PCBs) laden oil was prevalent, and it is strongly suspected that some of this dielectric fluid contained PCBs. Overall estimates show that less than 4000 gallons of this dielectric fluid were disposed of over the course of approximately 20 years. However, there is a potential for PCB contamination of the soil at this site. At the time of the site inspection, no evidence was noted for release of the contaminants to surface water or air, nor was there evidence of any direct contact incidents. Because the drinking water from Key West is imported from Miami, there is no potential for drinking water contamination at this site, despite the fact that PCBs migrate slowly through the soil.

In 1987, soil samples were taken from Site 2 to determine the levels of PCBs present. Eighteen samples were taken in total, 3 from each of the 6 plots designed on the site (Geraghty and Miller, 1987), shown on Figure 2-1. Samples were taken using split spoon at depths of 0-1 feet, 1-2 feet, and 2-3 feet. All samples taken from the upper 1 foot of the parking lot contained PCBs ranging in concentration from .3 to 4.2 milligrams per kilogram (mg/kg). One additional sample taken from the 2-3 foot zone contained .07 mg/kg. All of the other

samples contained PCB amounts that were below laboratory detection limits for PCBs.

2.3 CONCLUSIONS

Based on the very low levels of PCBs found in the upper part of the soil, this site does not appear to be a threat to human health or the environment. Federal guidelines dictate that PCB levels need to be regulated only when they reach or exceed concentrations of 50 mg/kg. The soil samples analyzed here, which are representative of the site as a whole, are well below the Federal standards. Even though this area is subject to some pedestrian traffic, the low levels of PCBs in the soil do not constitute a human health threat. In addition, the site is covered with gravel, which minimizes casual direct contact. No further environmental action is recommended for this site.

3.0 SITE 6 - DREDGERS KEY REFUSE DISPOSAL AREA

Naval Air Station (NAS) Key West is located approximately 150 miles southwest of Miami, covering about 5,000 acres. The land in this area is typically flat, and ground elevations range from 0-15 feet above sea level. Site 6 on the NAS is also known as Dredgers Key Refuse Disposal Area. The island itself (250 acres) is man-made, created from dredged material during the construction of the Seaplane Base around 1942. From about 1942-1948, Site 6 (approximately 20 acres) was utilized as an open disposal and burning ground. Material deposited here was removed from 1948 to 1951 and redeposited in the south landfill on Fleming Key.

The following sections include a brief site description, findings, and conclusions. The supporting documents/completed forms are in Appendices C and D, which include the Site Inspection Report and HRS scores, respectively.

3.1 SITE DESCRIPTION

The island is approximately 250 acres in size (Naval Energy and Environmental Support Activity, 1985), with the refuse disposal area, Site 6, covering roughly 20 acres (Figure 3-1). The site is now classified as a wetland, and is located 1 1/2 mile south of the Great White Heron National Refuge Area and two miles east of the Key West National Wild Life Refuge. From about 1942-1948, the site was used as an open disposal area and burning grounds for volume reduction of wastes. Wastes disposed of here were reportedly non-hazardous and bulky in nature. Most of the wastes disposed of at this site were generated by the NAS; however, the city of Key West did use the site for disposal for some of their wastes. Material from the disposal site was removed to Fleming Key South Landfill in the years 1948 to 1951, and the area was filled and graded to permit construction of the Sigsbee Park Navy Housing Project. The island is now covered by Navy housing, with the exception of the eastern portion. An Recreational Vehicle (RV) park was installed in 1987-1988 adjacent to the site and is currently in use. Photographs of Site 6 are included in Appendix F.

3.2 FINDINGS

No observable effects from the past practices of refuse disposal and burning were noted. On initial inspection, there was some unauthorized dumping, but this amount was minimal. This site was only one of twenty disposal sites on the base, and it handled primarily bulky items, such as construction refuse and tree limbs. The flora and fauna in and around the site did not show any signs of stress.

Records show that approximately 1,000 - 2,000 tons of bulky waste were burned annually on this site for volume reduction. Interviews with both Navy personnel and area residents confirmed the non-hazardous nature of this site. An area resident who was involved with the removal of the waste material from the site in the years 1948-1951 witnessed that this material was taken to the Fleming Key South Landfill. When construction began on Sigsbee Park in 1952, additional fill material was brought in to raise the existing elevations to six to nine feet above mean sea level. When the RV park was installed in 1987-88, the areas were excavated to a depth of four feet to install sewer and water pipes. Base personnel confirmed that no waste material was discovered during the excavation.

3.3 CONCLUSIONS

With the findings of no hazardous materials on this site, no further action is necessary. While we do not know the exact composition of the wastes, no environmental damage appears to have resulted from its handling at the site. Substances such as paints and solvents, which are mild-to-moderately hazardous in their original form, may have been burned here. However, these substances would have been completely volatilized upon burning, and no longer present any hazard. Interviews with knowledgeable personnel confirm that there was little, if any, hazardous waste disposed of here. Additionally, this was not the sole disposal site for Navy waste, as there were 19 other disposal sites. Even more importantly, between 1948-1951, whatever material that had been there was hauled to Fleming Key South Landfill. When excavation began for the RV park, no waste materials were encountered, further evidence that this site is not a threat to human health. Should any residue from the disposal site have contaminated the soil or water, there is no potential for these contaminants to pollute the drinking water on Dredgers Key. All drinking water on Key West is imported from Miami, via a 150-mile pipeline.

453005/P2SIT2-6.SM3

REFERENCES

Geraghty and Miller, Inc. Verification Study Assessment of Potential Ground-Water Pollution at Naval Air Station Key West, Key West, FL No. T0290KW2, March, 1987.

Naval Energy and Environmental Support Activity. Initial Assessment Study of Naval Air Station, Key West, FL. No. 13-072, Port Hueneme, CA. May, 1985.

| | | | | | | |
|----------|---------------|-------------|-----|---------|----------------|-----------|
| DRAWN BY | WMB 3/2/84 | CHECKED BY | SAM | 8/15/84 | DRAWING NUMBER | 453005-A1 |
| | | APPROVED BY | PDS | 8/16/84 | | |

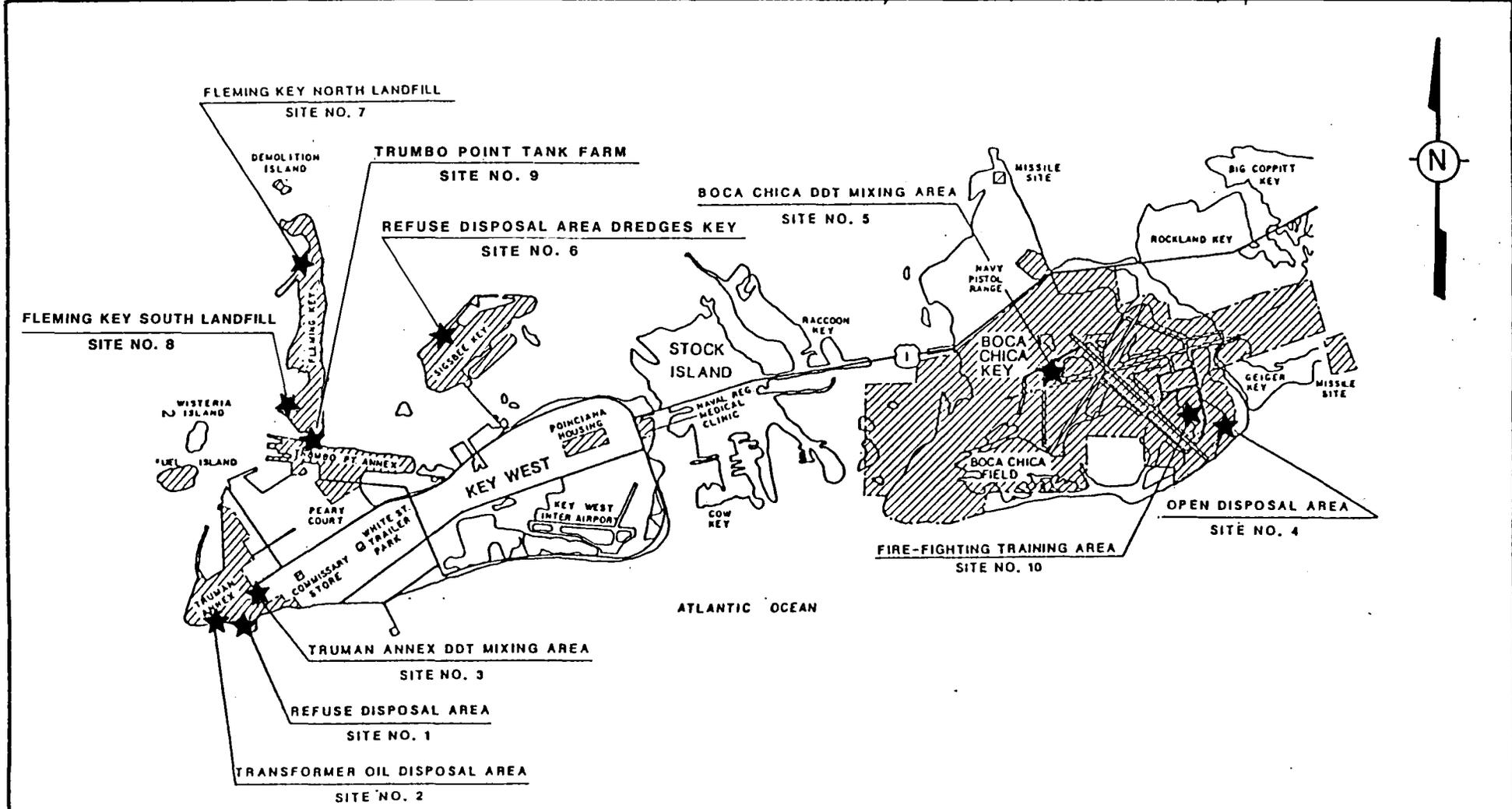


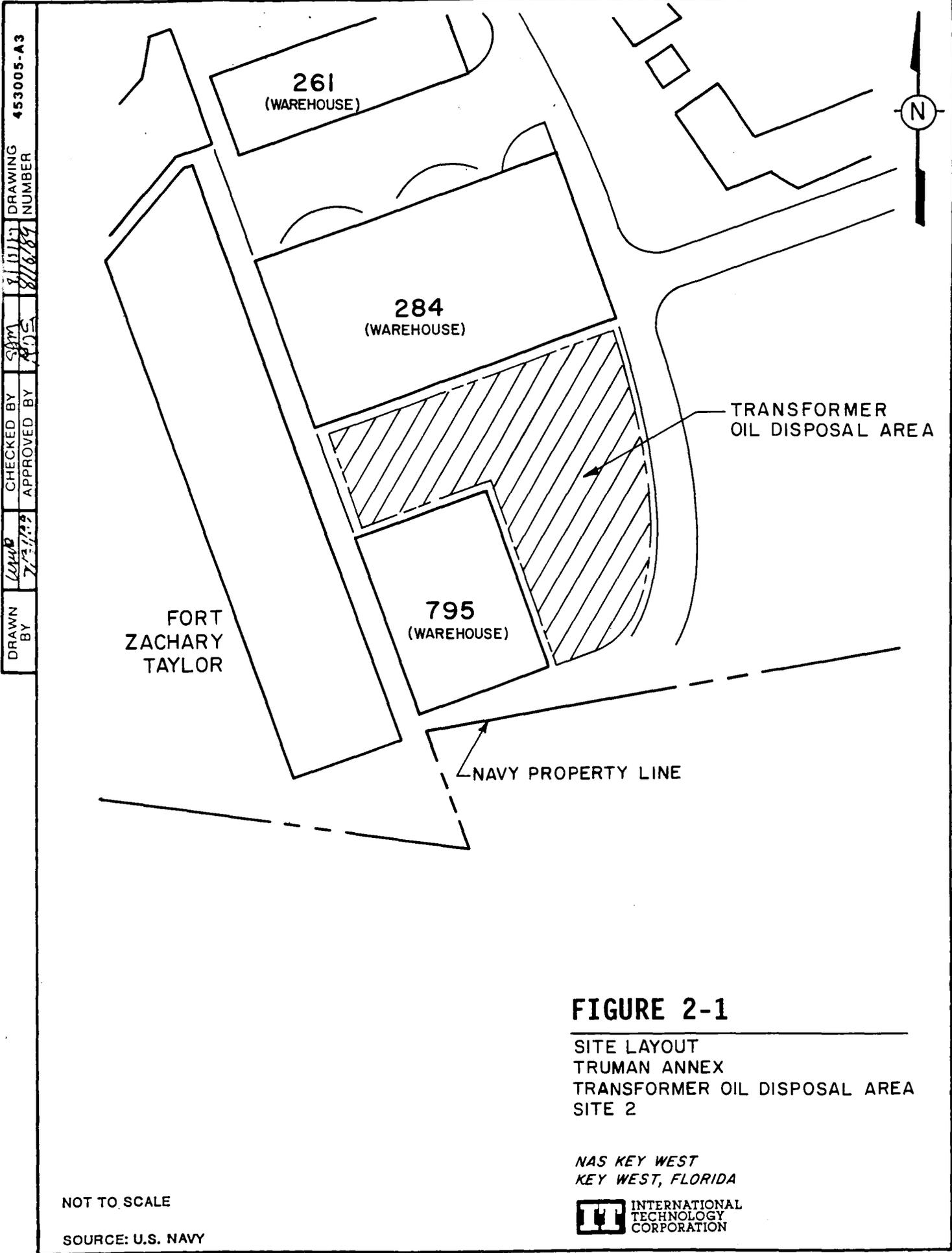
FIGURE 1-1
LOCATIONS OF
NAVAL ACTIVITIES
AND STUDY SITES

NAS KEY WEST
 KEY WEST, FLORIDA



NOT TO SCALE

SOURCE: GERAGHTY AND MILLER, INC.



DRAWING NUMBER 453005-A3
 DATE 8/11/89
 CHECKED BY SAM
 APPROVED BY [Signature]
 DRAWN BY [Signature]

FIGURE 2-1

SITE LAYOUT
 TRUMAN ANNEX
 TRANSFORMER OIL DISPOSAL AREA
 SITE 2

NAS KEY WEST
 KEY WEST, FLORIDA



NOT TO SCALE

SOURCE: U.S. NAVY

453005-A7

DRAWING NUMBER

8/15/54

7/1/54

CHECKED BY
APPROVED BY

DRAWN BY

GULF OF MEXICO

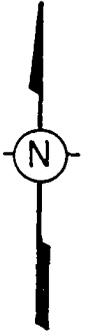
REFUSE DISPOSAL AREA

SIGSBEE PARK

DREDGERS KEY

TRUMBO POINT ANNEX

KEY WEST



LEGEND

— NAVY PROPERTY LINE

FIGURE 3-1

SITE LAYOUT
DREDGERS KEY
REFUSE DISPOSAL AREA
SITE 6

NAS KEY WEST
KEY WEST, FLORIDA



NOT TO SCALE
SOURCE: U.S. NAVY

148277

APPENDIX A

SITE INSPECTION REPORT FOR SITE 2



Potential Hazardous Waste Site

Site Inspection Report

A large, grainy, black and white image at the bottom of the page, possibly a scan of a photograph or a heavily degraded document section. It is mostly indistinct due to the high level of noise and contrast.



Site Inspection Report



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION
01 STATE | 02 SITE NUMBER
FL | 2

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 A GROUNDWATER CONTAMINATION
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No monitoring wells, saline aquifer. Approximately 4 mg/kg PCBs found in soil samples resulting from disposal/spillage.

01 B SURFACE WATER CONTAMINATION
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No surface water is present.

01 C CONTAMINATION OF AIR
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No documented information was found or site conditions exist to indicate that the air had been contaminated from the site.

01 D FIRE/EXPLOSIVE CONDITIONS
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No volatile substances are located on this site.

01 E DIRECT CONTACT
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No evidence of any direct contact incidents was found.

01 F CONTAMINATION OF SOIL
02 OBSERVED (DATE 1986) POTENTIAL ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Low levels of PCBs were found in the soil. There is no potential for PCBs at this site to contaminate the drinking water.

01 G DRINKING WATER CONTAMINATION
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Drinking water at Key West is imported from Miami. There is no potential for PCBs at this site to contaminate the drinking water.

01 H WORKER EXPOSURE/INJURY
02 OBSERVED (DATE _____) POTENTIAL ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

There is no occupational hazard associated with this site.

01 I POPULATION EXPOSURE/INJURY
02 OBSERVED (DATE 1986) POTENTIAL ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 25 04 NARRATIVE DESCRIPTION

PCBs were found in the soil in concentrations ranging from .07-4.2 mg/kg.



**POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT**
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| I. IDENTIFICATION | |
|-------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 2 |

II. HAZARDOUS CONDITIONS AND INCIDENTS Continued

01 J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

No damage was noted or observed.

01 K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include number of specimens)

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

No damage was noted or observed.

01 L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

N/A

01 M. UNSTABLE CONTAINMENT OF WASTES
(Soils, sludges, leachate, etc., unless noted)

03 POPULATION POTENTIALLY AFFECTED: 25

02 OBSERVED (DATE: 1986) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

Potentially PCB-laden oil was spread over parking lot to control dust and weeds.

01 N. DAMAGE TO OFF-SITE PROPERTY
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

No damage was noted in information.

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

No contamination noted.

01 P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

No dumping was observed at the site.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

none

III. TOTAL POPULATION POTENTIALLY AFFECTED: 25

IV. COMMENTS

Due to the low concentrations of PCBs found in the soil, this site does not impose a threat to human health or the environment.

V. SOURCES OF INFORMATION (See Appendix 1 for instructions)

NEESA, May 1985.

Geraghty & Miller, March 1987.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

| I. IDENTIFICATION | |
|-------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 2 |

II. PERMIT INFORMATION None

| 01 TYPE OF PERMIT ISSUED <small>(Check all that apply)</small> | 02 PERMIT NUMBER | 03 DATE ISSUED | 04 EXPIRATION DATE | 05 COMMENTS |
|-------------------------------------------------------------------|------------------|----------------|--------------------|-------------|
| <input type="checkbox"/> A. NPDES | | | | |
| <input type="checkbox"/> B. UIC | | | | |
| <input type="checkbox"/> C. AIR | | | | |
| <input type="checkbox"/> D. RCRA | | | | |
| <input type="checkbox"/> E. RCRA INTERIM STATUS | | | | |
| <input type="checkbox"/> F. SPCC PLAN | | | | |
| <input type="checkbox"/> G. STATE <small>(Specify)</small> | | | | |
| <input type="checkbox"/> H. LOCAL <small>(Specify)</small> | | | | |
| <input type="checkbox"/> I. OTHER <small>(Specify)</small> | | | | |
| <input type="checkbox"/> J. NONE | | | | |

III. SITE DESCRIPTION

| 01 STORAGE/DEPOSAL <small>(Check all that apply)</small> | 02 AMOUNT | 03 UNIT OF MEASURE | 04 TREATMENT <small>(Check all that apply)</small> | 05 OTHER |
|------------------------------------------------------------|-----------|--------------------|------------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> A. SURFACE IMPOUNDMENT | _____ | _____ | <input type="checkbox"/> A. INCINERATION | <input type="checkbox"/> A. BUILDINGS ON SITE 0 |
| <input type="checkbox"/> B. PILES | _____ | _____ | <input type="checkbox"/> B. UNDERGROUND INJECTION | |
| <input type="checkbox"/> C. DRUMS, ABOVE GROUND | _____ | _____ | <input type="checkbox"/> C. CHEMICAL/PHYSICAL | 06 AREA OF SITE 0.5 acres |
| <input type="checkbox"/> D. TANK, ABOVE GROUND | _____ | _____ | <input type="checkbox"/> D. BIOLOGICAL | |
| <input type="checkbox"/> E. TANK, BELOW GROUND | _____ | _____ | <input type="checkbox"/> E. WASTE OIL PROCESSING | |
| <input type="checkbox"/> F. LANDFILL | _____ | _____ | <input type="checkbox"/> F. SOLVENT RECOVERY | |
| <input type="checkbox"/> G. LANDFARM | _____ | _____ | <input type="checkbox"/> G. OTHER RECYCLING/RECOVERY | |
| <input checked="" type="checkbox"/> H. OPEN DUMP | 4,000 | gallons | <input type="checkbox"/> H. OTHER <small>(Specify)</small> | |
| <input type="checkbox"/> I. OTHER <small>(Specify)</small> | _____ | _____ | N/A | |

07 COMMENTS

The site is a parking lot (approximately 0.5 acres) surrounding the Defense Property Disposal Office Building.

IV. CONTAINMENT

| | | | |
|-----------------------------------------------------|--------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| 01 CONTAINMENT OF WASTES <small>(Check one)</small> | | | |
| <input type="checkbox"/> A. ADEQUATE, SECURE | <input type="checkbox"/> B. MODERATE | <input checked="" type="checkbox"/> C. INADEQUATE, POOR | <input type="checkbox"/> D. INSECURE, UNSOUND, DANGEROUS |

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Out of service transformers were sent to this site for oil disposal. They were punctured and the potentially PCB-containing dielectric fluid was drained on the parking lot to control dust and weeds.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE YES NO
02 COMMENTS

VI. SOURCES OF INFORMATION (Can include references to EPA files, agency files, records)

NEESA, May 1985.

Geraghty & Miller, 1987.



**POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA**

L IDENTIFICATION
01 STATE | 02 SITE NUMBER
FL | 2

II. DRINKING WATER SUPPLY

| | | | | | |
|---------------------------------------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------------|-----------------------------------------|------------------------------------------|
| 01 TYPE OF DRINKING SUPPLY <small>(Check all that apply)</small> | | 02 STATUS | | | 03 DISTANCE TO SITE |
| N/A | | N/A | | | |
| COMMUNITY | SURFACE A. <input type="checkbox"/> | WELL B. <input type="checkbox"/> | ENDANGERED A. <input type="checkbox"/> | AFFECTED B. <input type="checkbox"/> | MONITORED C. <input type="checkbox"/> |
| NON-COMMUNITY | C. <input type="checkbox"/> | D. <input type="checkbox"/> | D. <input type="checkbox"/> | E. <input type="checkbox"/> | F. <input type="checkbox"/> |
| | | | | | A. 150 (ft) |
| | | | | | B. _____ (ft) |

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check all that apply)

A. ONLY SOURCE FOR DRINKING
 B. DRINKING (Other sources available)
COMMERCIAL, INDUSTRIAL IRRIGATION (No other water sources available)

C. COMMERCIAL, INDUSTRIAL IRRIGATION (Other water sources available)
 D. NOT USED, UNUSABLE

02 POPULATION SERVED BY GROUND WATER 0

03 DISTANCE TO NEAREST DRINKING WATER WELL 150 (ft)

| | | | | |
|------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 04 DEPTH TO GROUNDWATER <u>3</u> (ft) | 05 DIRECTION OF GROUNDWATER FLOW <u>radial</u> | 06 DEPTH TO AQUIFER OF CONCERN <u>N/A</u> (ft) | 07 POTENTIAL YIELD OF AQUIFER <u>N/A</u> (gpd) | 08 SOLE SOURCE AQUIFER C YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
|------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------|

09 DESCRIPTION OF WELLS (including depth, depth and casing, type of construction and building)

N/A

| | | | |
|--------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------|----------|
| 10 RECHARGE AREA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | COMMENTS | 11 DISCHARGE AREA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | COMMENTS |
|--------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------|----------|

IV. SURFACE WATER

01 SURFACE WATER USE (Check all that apply)

A. RESERVOIR, RECREATION DRINKING WATER SOURCE
 B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES
 C. COMMERCIAL, INDUSTRIAL
 D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

| NAME | AFFECTED | DISTANCE TO SITE |
|-----------------------|--------------------------|----------------------|
| <u>Atlantic Ocean</u> | <input type="checkbox"/> | <u>2/3 mile</u> (ft) |
| _____ | <input type="checkbox"/> | _____ (ft) |
| _____ | <input type="checkbox"/> | _____ (ft) |

V. DEMOGRAPHIC AND PROPERTY INFORMATION

| | | | |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------|
| 01 TOTAL POPULATION WITHIN | | | 02 DISTANCE TO NEAREST POPULATION |
| ONE (1) MILE OF SITE A. <u>3,000</u> <small>NO OF PERSONS</small> | TWO (2) MILES OF SITE B. <u>8,000</u> <small>NO OF PERSONS</small> | THREE (3) MILES OF SITE C. <u>15,000</u> <small>NO OF PERSONS</small> | <u>300 ft.</u> (ft) |

| | |
|--------------------------------------------------------------------|----------------------------------------------------------------|
| 03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE <u>1000</u> | 04 DISTANCE TO NEAREST OFF-SITE BUILDING <u>50 ft.</u> (ft) |
|--------------------------------------------------------------------|----------------------------------------------------------------|

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., type, usage, density, proximity to site, etc.)

The site is on the edge of Navy property, adjacent to a state park, Ft. Zachary Taylor.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

IDENTIFICATION
01 STATE 02 SITE NUMBER
FL 2

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (check one)

A. $10^{-6} - 10^{-4}$ cm/sec B. $10^{-4} - 10^{-2}$ cm/sec C. $10^{-2} - 10^{-1}$ cm/sec D. GREATER THAN 10^{-1} cm/sec

02 PERMEABILITY OF BEDROCK (check one)

A. IMPERMEABLE (less than 10^{-6} cm/sec) B. RELATIVELY IMPERMEABLE ($10^{-6} - 10^{-4}$ cm/sec) C. RELATIVELY PERMEABLE ($10^{-4} - 10^{-2}$ cm/sec) D. VERY PERMEABLE (greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

N/A (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

approx. 2 (ft)

05 SOIL pH

N/A

06 NET PRECIPITATION

10 (in)

07 ONE YEAR 24 HOUR RAINFALL

3 (in)

08 SLOPE

SITE SLOPE
3%

DIRECTION OF SITE SLOPE
no slope

TERRAIN AVERAGE SLOPE
3%

09 FLOOD POTENTIAL

SITE IS IN N/A YEAR FLOODPLAIN

10

SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (if any present)

ESTUARINE

N/A

OTHER

A. _____ (ft)

B. _____ (ft)

12 DISTANCE TO CRITICAL HABITAT (if endangered species present)

3 1/2 (mi)

ENDANGERED SPECIES: White Heron

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS, NATIONAL STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A. 50 ft. (ft)

B. 100 ft. (ft)

C. N/A (ft)

D. _____ (ft)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is a parking lot (approximately 0.5 acres) adjacent to a state park. There are also several warehouse buildings immediately adjacent to the site.

VII. SOURCES OF INFORMATION (can include references to other data sources and reports)

NEESA, May 1985.

Geraghty & Miller, 1987.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

L IDENTIFICATION

01 STATE | 02 SITE NUMBER
FL | 2

II. SAMPLES TAKEN

| SAMPLE TYPE | 01 NUMBER OF SAMPLES TAKEN | 02 SAMPLES SENT TO | 03 ESTIMATED DATE RESULTS AVAILABLE |
|---------------|----------------------------|-----------------------------------------|-------------------------------------|
| GROUNDWATER | | | |
| SURFACE WATER | | | |
| WASTE | | | |
| AIR | | | |
| RUNOFF | | | |
| SPILL | | | |
| SOIL | 18 | Samples taken by Geraghty and Miller in | |
| VEGETATION | | 1987. Laboratory not specified. | |
| OTHER | | | |

III. FIELD MEASUREMENTS TAKEN

| 01 TYPE | 02 COMMENTS |
|---------|-------------|
| none | |
| | |
| | |
| | |
| | |

IV. PHOTOGRAPHS AND MAPS

| | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL | 02 IN CUSTODY OF <u>Robert Stephens and William Hunt.</u> |
| 03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 04 LOCATION OF MAPS <u>IT Tampa office and NAS Key West Public Works office.</u> |

V. OTHER FIELD DATA COLLECTED Provide narrative description

none.

VI. SOURCES OF INFORMATION Can include references, e.g., NEPA file, report number, records

Maps Geraghty & Miller, 1987.
Photographs
NEESA, 1985



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

L IDENTIFICATION

| | |
|----------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 2 |

| | | | | | | | |
|-----------------------------------------------------------------------------|--|---------------|------------------------------|-------------------------------------------------|--|---------------|-------------|
| II. CURRENT OWNERS | | | | PARENT COMPANY | | | |
| 01 NAME US Navy | | 02 D-8 NUMBER | | 08 NAME | | 09 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) Code 188 SC Naval Air Station | | | 04 SIC CODE | 10 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 11 SIC CODE |
| 06 CITY Key West | | 08 STATE | 07 ZIP CODE FL 33040-5000 | 12 CITY | | 13 STATE | 14 ZIP CODE |
| 01 NAME | | 02 D-8 NUMBER | | 08 NAME | | 09 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE | 10 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 11 SIC CODE |
| 06 CITY | | 08 STATE | 07 ZIP CODE | 12 CITY | | 13 STATE | 14 ZIP CODE |
| 01 NAME | | 02 D-8 NUMBER | | 08 NAME | | 09 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE | 10 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 11 SIC CODE |
| 06 CITY | | 08 STATE | 07 ZIP CODE | 12 CITY | | 13 STATE | 14 ZIP CODE |
| 01 NAME | | 02 D-8 NUMBER | | 08 NAME | | 09 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE | 10 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 11 SIC CODE |
| 06 CITY | | 08 STATE | 07 ZIP CODE | 12 CITY | | 13 STATE | 14 ZIP CODE |
| III. PREVIOUS OWNERS (List from most recent first) | | | | IV. REALTY OWNERS (List from most recent first) | | | |
| 01 NAME US Navy | | 02 D-8 NUMBER | | 01 NAME | | 02 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) Code 188 SC Naval Air Station | | | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE |
| 06 CITY Key West | | 08 STATE | 07 ZIP CODE FL 33040-5000 | 08 CITY | | 08 STATE | 07 ZIP CODE |
| 01 NAME | | 02 D-8 NUMBER | | 01 NAME | | 02 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE |
| 06 CITY | | 08 STATE | 07 ZIP CODE | 08 CITY | | 08 STATE | 07 ZIP CODE |
| 01 NAME | | 02 D-8 NUMBER | | 01 NAME | | 02 D-8 NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | | | 04 SIC CODE |
| 06 CITY | | 08 STATE | 07 ZIP CODE | 08 CITY | | 08 STATE | 07 ZIP CODE |
| V. SOURCES OF INFORMATION (See instructions on reverse) | | | | | | | |



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

| L IDENTIFICATION | |
|------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 2 |

| II. CURRENT OPERATOR <small>(Provide if different from owner)</small> | | | | OPERATOR'S PARENT COMPANY <small>(If applicable)</small> | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|---------------------------|---------------------------------------------------------------------|--|---------------|-------------|
| 01 NAME US Navy | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> Code 188 SC Naval Air Station | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY Key West | | 06 STATE FL | 07 ZIP CODE 33040-5000 | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER | | | | | |
| III. PREVIOUS OPERATOR(S) <small>(List three recent ones starting with a different first owner)</small> | | | | PREVIOUS OPERATORS' PARENT COMPANIES <small>(If applicable)</small> | | | |
| 01 NAME US Navy | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> Code 188 SC Naval Air Station | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY Key West | | 06 STATE FL | 07 ZIP CODE 33040-5000 | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER DURING THIS PERIOD | | | | | |
| 01 NAME | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY | | 06 STATE | 07 ZIP CODE | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER DURING THIS PERIOD | | | | | |
| 01 NAME | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, Apt. #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY | | 06 STATE | 07 ZIP CODE | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER DURING THIS PERIOD | | | | | |
| IV. SOURCES OF INFORMATION <small>(City, County, Federal, State, or other records, or other sources used to obtain information)</small> | | | | | | | |
| | | | | | | | |



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - GENERATOR/TRANSPORTER INFORMATION

| | |
|------------------|----------------|
| I IDENTIFICATION | |
| 01 STATE | 02 SITE NUMBER |
| FL | 2 |

II. ON-SITE GENERATOR N/A

| | | |
|--------------------------------------------|---------------|-------------|
| 01 NAME | 02 D-S NUMBER | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | |
| 05 CITY | 06 STATE | 07 ZIP CODE |

III. OFF-SITE GENERATOR(S) N/A

| | | | | | |
|--------------------------------------------|---------------|--------------------------------------------|---------------|----------|-------------|
| 01 NAME | 02 D-S NUMBER | 01 NAME | 02 D-S NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | | |
| 05 CITY | 06 STATE | 07 ZIP CODE | 05 CITY | 06 STATE | 07 ZIP CODE |
| 01 NAME | 02 D-S NUMBER | 01 NAME | 02 D-S NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | | |
| 05 CITY | 06 STATE | 07 ZIP CODE | 05 CITY | 06 STATE | 07 ZIP CODE |

IV. TRANSPORTER(S) N/A

| | | | | | |
|--------------------------------------------|---------------|--------------------------------------------|---------------|----------|-------------|
| 01 NAME | 02 D-S NUMBER | 01 NAME | 02 D-S NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | | |
| 05 CITY | 06 STATE | 07 ZIP CODE | 05 CITY | 06 STATE | 07 ZIP CODE |
| 01 NAME | 02 D-S NUMBER | 01 NAME | 02 D-S NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, Apt. #, etc.) | 04 SIC CODE | | |
| 05 CITY | 06 STATE | 07 ZIP CODE | 05 CITY | 06 STATE | 07 ZIP CODE |

V. SOURCES OF INFORMATION (See separate report(s), if applicable, under "Other Site Information")

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION
01 STATE 02 SITE NUMBER
ET. 2

L PAST RESPONSE ACTIVITIES None

| | | |
|---------------------------------------------------------------------------------------------|---------------|-----------------|
| 01 <input type="checkbox"/> A WATER SUPPLY CLOSED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> O. EMERGENCY DIKING & SURFACE WATER DIVERSION 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION
01 STATE 02 SITE NUMBER
FL 2

II PAST RESPONSE ACTIVITIES (Continued) None

| | | |
|---------------------------------------------------------------------------|---------------|-----------------|
| 01 <input type="checkbox"/> R BARRIER WALLS CONSTRUCTED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> S CAPPING/COVERING 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> T BULK TANKAGE REPAIRED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> U GROUT CURTAIN CONSTRUCTED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> V BOTTOM SEALED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> W GAS CONTROL 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> X FIRE CONTROL 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> Y LEACHATE TREATMENT 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> Z AREA EVACUATED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> 1 ACCESS TO SITE RESTRICTED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> 2 POPULATION RELOCATED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> 3 OTHER REMEDIAL ACTIVITIES 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |

III SOURCES OF INFORMATION (Can include references to 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10, 2.11, 2.12, 2.13, 2.14, 2.15, 2.16, 2.17, 2.18, 2.19, 2.20, 2.21, 2.22, 2.23, 2.24, 2.25, 2.26, 2.27, 2.28, 2.29, 2.30, 2.31, 2.32, 2.33, 2.34, 2.35, 2.36, 2.37, 2.38, 2.39, 2.40, 2.41, 2.42, 2.43, 2.44, 2.45, 2.46, 2.47, 2.48, 2.49, 2.50, 2.51, 2.52, 2.53, 2.54, 2.55, 2.56, 2.57, 2.58, 2.59, 2.60, 2.61, 2.62, 2.63, 2.64, 2.65, 2.66, 2.67, 2.68, 2.69, 2.70, 2.71, 2.72, 2.73, 2.74, 2.75, 2.76, 2.77, 2.78, 2.79, 2.80, 2.81, 2.82, 2.83, 2.84, 2.85, 2.86, 2.87, 2.88, 2.89, 2.90, 2.91, 2.92, 2.93, 2.94, 2.95, 2.96, 2.97, 2.98, 2.99, 3.00)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

L IDENTIFICATION

| | |
|----------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 2 |

II. ENFORCEMENT INFORMATION

None

01 PAST REGULATORY/ENFORCEMENT ACTION YES NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

III. SOURCES OF INFORMATION SEE APPENDIX B FOR MORE INFORMATION

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

General Information

The Potential Hazardous Waste Site, Site Inspection Report form is used to record information collected during, or associated with, an inspection of the site and other information about responsible parties and past response activities.

The Site Inspection Report form contains eleven parts:

- Part 1 - Site Location and Inspection Information
- Part 2 - Waste Information
- Part 3 - Description of Hazardous Conditions and Incidents
- Part 4 - Permit and Descriptive Information
- Part 5 - Water, Demographic, and Environmental Data
- Part 6 - Sample and Field Information
- Part 7 - Owner Information
- Part 8 - Operator Information
- Part 9 - Generator/Transporter Information
- Part 10 - Past Response Activities
- Part 11 - Enforcement Information

Part 1 - Site Location and Inspection Information contains all of the data elements also contained on the Site Identification and Preliminary Assessment forms required to add a site to the automated Site Tracking System (STS). It is therefore possible to add a site to STS at the Site Inspection stage. Instructions are given below.

Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents are used to record specific information about substances, amounts, hazards, and targets, e.g., population potentially affected. Parts 2 and 3 are also contained in the Potential Hazardous Waste Site, Preliminary Assessment form. Information recorded on Part 2 and Part 3 during a preliminary assessment may be updated, added, deleted, or corrected on the Site Inspection Report form.

An Appendix with feedstock names and CAS Numbers and the most frequently cited hazardous substances and CAS Numbers is located behind the instructions for the Site Inspection Report.

A number of the data items collected throughout the Site Inspection Report support the Site Ranking Model. The majority of these data items are found in Part 5 - Water, Demographic, and Environmental Data.

General Instructions

1. Complete the Site Inspection Report form as completely as possible.
2. Starred items (*) are required before inspection information can be added to STS. The system will not accept incomplete inspection information.
3. To add a site to STS at the Site Inspection stage, write "New" across the top of the form and complete items 11-01, 02, 03, 04, and 06, Site Name and Location, 11-09 Coordinates, and 11-10, Type of Ownership.
4. Data items carried in STS, which are identical to those on the Site Identification and Preliminary Assessment forms and which can be added, deleted, or changed using the

Site Inspection Report form, are indicated with a pound sign (#). To ensure that the proper action is taken, outline the item(s) to be added, deleted, or changed with a bright color and indicate the proper action with "A" (add), "D" (delete) or "C" (change).

5. There are two options available for adding, deleting, or changing information supplied on the Site Inspection Report form. The first is to use a new Site Inspection Report form, completing only those items to be added, deleted, or changed. Mark the form clearly, using "A", "D", or "C", to indicate the action to be taken. If only data in STS are to be altered, the Site Source Data Report may be used. Using the report, mark clearly the items to be changed and the action to be taken.

Detailed Instructions

Part 1 Site Location and Inspection Information

- I. Identification: Identification (State and Site Number) is the site record key, or primary identifier, for the site. Site records in the STS are updated based on Identification. It is essential that State and Site Number are correctly entered on each form.
 - *1-01 State: Enter the two character alpha FIPS code for the state in which the site is located. It must be identical to State on the Site Identification form.
 - *1-02 Site Number: Enter the ten character alphanumeric code for sites which have a Dun and Bradstreet or EPA "user" Dun and Bradstreet number or the ten character numeric GSA identification code for federal sites. The Site Number must be identical to the Site Number on the Site Identification and Preliminary Assessment forms.
- II. Site Name and Location: If Site Name and Location information require no additions or changes, these items are not required on the Site Inspection Report form. However, completing these items will facilitate use of the completed form and records management procedures.
 - 11-01 Site Name: Enter the legal, common, or descriptive name of the site.
 - 11-02 Site Street: Enter the street address and number (if appropriate) where the site is located. If the precise street address is unavailable for this site, enter brief direction identifier, e.g., NW Jct I-295 & US 99; Post Rd, 5 mi W of Rt. 5.
 - 11-03 Site City: Enter the city, town, village, or other municipality in which the site is located. If the site is not located in a municipality, enter the name of the municipality (or place) which is nearest the site or which most easily locates the site.
 - 11-04 Site State: Enter the two character alpha FIPS code for the state in which the site is located. The code must be the same as in item 1-01.
 - 11-05 Site Zip Code: Enter the five character numeric zip code for the postal zone in which the site is located.

- III-06 Site County: Enter the name of the county, parish (Louisiana), or borough (Alaska) in which the site is located.
- III-07 County Code: Enter the three character numeric FIPS county code for the county, parish, or borough in which the site is located. (The regional data analyst can furnish this data item.)
- III-08 Site Congressional District: Enter the two character number for the congressional district in which the site is located.
- * III-09 Coordinates: Enter the Coordinates, Latitude and Longitude, of the site in degrees, minutes, seconds, and tenths of seconds. If a tenth of a second is insignificant at this site, enter "0" in the tenths position.
- III-10 Type of Ownership: Check the appropriate box to indicate the type of site ownership. If the site is under the jurisdiction of an activity of the federal government, enter the name of the department, agency, or activity. If Other is indicated, specify the type of ownership and name.
- III. Inspection Information
- * III-01 Date of Inspection: Enter the date the inspection occurred, or began for multiple day inspections.
- * III-02 Site Status: Check the appropriate box(es) to indicate the current status of the site. Active sites are those which treat, store, or dispose of wastes. Check Active for those active sites with an inactive storage or disposal area. Inactive sites are those at which treatment, storage, or disposal activities no longer occur.
- III-03 Years of Operation: Enter the beginning and ending years (or beginning only if operations at the site are on-going), e.g., 1878/1932, of site operation. Check Unknown if years of operation are not known.
- * III-04 Agency Performing Inspection: Check the appropriate box(es) to indicate parties participating in the inspection. If contractors participate, provide the name of the firm(s).
- III-05 Chief Inspector: Enter the name of the chief, or lead inspector.
- III-06 Title: Enter the Chief Inspector's title, e.g., Team Leader, FIT team.
- III-07 Organization: Enter the name of the organization where the Chief Inspector is employed, e.g., EPA - Region 4, VA State Health Dept., Environmental Research Co.
- III-08 Telephone Number: Enter the Chief Inspector's area code and local commercial telephone number.
- III-09 Other Inspectors: Enter the names of other parties participating in the inspection.
- III-10 Title: Enter the titles of other parties participating in the inspection.
- III-11 Organization: Enter the names of the organizations where other parties participating in the inspection are employed.
- III-12 Telephone Number: Enter the area code and local commercial telephone numbers of other parties participating in the inspection.

- III-13 Site Representatives Interviewed: Enter the names of individuals representing responsible parties interviewed in connection with the inspection. Interviews do not necessarily occur during the inspection.
- III-14 Title: Enter the titles of the individuals interviewed.
- III-15 Address: Enter the business, mailing, or residential addresses of the individuals interviewed.
- III-16 Telephone Number: Enter the area code and local commercial telephone numbers of the individuals interviewed.
- III-17 Access Gained By: Check the appropriate box to indicate whether access to the site was gained through permission or warrant.
- III-18 Time of Inspection: Using a 24-hour clock, enter the time the inspection began, e.g., for 3:24 p.m. enter 1524.
- III-19 Weather Conditions: Describe the weather conditions during the site inspection, especially any unusual conditions which might affect results or observations taken.

IV. Information Available From

- IV-01 Contact: Enter the name of the individual who can provide information about the site.
- IV-02 Of: If appropriate, enter the name of the public or private agency, firm, or company and the organization within the agency, firm, or company of the individual named as Contact.
- IV-03 Telephone Number: Enter the area code and local telephone number of the individual named as contact.
- IV-04 Person Responsible for Site Inspection Report Form: Enter the name of the individual who was responsible for the information entered on the Site Inspection Report form. The person responsible for the Site Inspection Report form may be different from the individual who prepared the form.
- IV-05 Agency: Enter the name of the Agency where the individual who is responsible for the Site Inspection Report form is employed.
- IV-06 Organization: Enter the name of the organization within the Agency.
- IV-07 Telephone Number: Enter the area code and local telephone number of the individual who is responsible for the Site Inspection Report form.
- IV-08 Date: Enter the date the Site Inspection Report form was prepared.

Part 2 Waste Information

- * I. Identification: Refer to Part 1-1.
- II. Waste Status, Quantities, and Characteristics: Waste Status, Quantities, and Characteristics provide information about the physical structure and form of the waste, measures of gross amounts at the site, and the hazards posed by the waste, considering acute and chronic health effects and mobility along a pathway.

- *11-01 **Physical States:** Check the appropriate box(es) to indicate the state(s) of waste present at the site. If Other is indicated, specify the physical state of the waste.
- *11-02 **Waste Quantity at Site:** Enter estimates of amounts of waste at the site. Estimates may be in weight (Tons) or volume (Cubic Yards or Number of Drums). Use as many entries as are appropriate; however, measurements must be independent. For example, do not measure the same amounts of waste as both tons and cubic yards.
- *11-03 **Waste Characteristics:** Check all appropriate entries to indicate the hazards posed by waste at the site. If waste at the site poses no hazard, check Not Applicable.
- III. **Waste Category:** General categories of waste typically found are listed here. Enter the estimated gross amount of each category of waste and the appropriate unit of measure.
- *III-01 **Gross Amount:** Gross Amount is the estimate of the amount of the waste category found at the site. Estimates should be furnished in metric tons (MT), tons (TN), cubic meters (CM), cubic yards (CY), drums (DR), acres (AC), acre feet (AF), liters (LT), or gallons (GA). Enter the estimated amount next to the appropriate waste category.
- *III-02 **Unit of Measure:** Enter the appropriate unit of measure, MT (metric tons), TN (tons), CM (cubic meters), CY (cubic yards), DR (number of drums), AC (acres), AF (acre feet), LT (liters), or GA (gallons) next to the estimate of gross amount.
- III-03 **Comments:** Comments may be used to further explain, or provide additional information, about particular waste categories.
- IV. **Hazardous Substances:** Specific hazardous, or potentially hazardous, chemicals, mixtures, and substances found at the site are listed here. For each substance listed those data items marked with an "at" sign (@) must be included.
- IV-01 **Category:** Enter in front of the substance name the three character waste category from Section III which best describes the substance, e.g., OLW (Oily Waste).
- IV-02 **Substance Name:** Enter one of the following: the name of the substance registered with the Chemical Abstract Service, the common or accepted abbreviation of the substance, the generic name of the substance, or commercial name of the substance.
- IV-03 **CAS Number:** Enter the number assigned to the substance when it was registered with the Chemical Abstract Service. Refer to the Appendix for most frequently cited CAS Numbers. CAS Numbers must be furnished for each substance listed. If a CAS Number for this substance has not been assigned, enter "999".
- IV-04 **Storage/Disposal Method:** Enter the type of storage or disposal facility in which the substance was found: SI (surface impoundment, including pits, ponds, and lagoons), PL (pile), DR (drum), TK (tank), LF (landfill), LM (landfarm), OD (open dump).
- IV-05 **Concentration:** Enter the concentration of the substance found in samples taken at the site.
- IV-06 **Measure of Concentration:** Enter the appropriate unit of measure for the measured concentration of the substance found in the sample, e.g., MG/L, UG/L.
- V. **Feedstocks**
- V-01 **Feedstock Name:** If feedstocks, or substances derived from one or more feedstocks, are present at the site, enter the name of each feedstock found. See the Appendix for the feedstock list.
- V-02 **CAS Number:** Enter the CAS Number for each feedstock named. See the Appendix for feedstock CAS Numbers.
- VI. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.
- Part 3 **Description of Hazardous Conditions and Incidents**
- *I. **Identification:** Refer to Part 1-1.
- II. **Hazardous Conditions and Incidents:**
- II-01 **Hazards:** Indicate each hazardous, or potentially hazardous, condition known, or claimed, to exist at the site.
- II-02 **Observed, Potential, or Alleged:** Check Observed and enter the date, or approximate date, of occurrence if a release of contaminants to the environment, or some other hazardous incident, is known to have occurred. In cases of a continuing release, e.g., groundwater contamination, enter the date, or approximate date, the condition first became apparent. If conditions exist for a potential release, check potential. Check Alleged for hazardous, or potentially hazardous, conditions claimed to exist at the site.
- II-03 **Population Potentially Affected:** For each hazardous condition at the site, enter the number of people potentially affected. For Soil enter the number of acres potentially affected.
- II-04 **Narrative Description:** Provide a narrative description, or explanation, of each condition. Include any additional information which further explains the condition.
- II-05 **Description of Any Other Known, Potential, or Alleged Hazards:** Provide a narrative description of any other hazardous, or potentially hazardous, conditions at the site not covered above.
- III. **Total Population Potentially Affected:** Enter the total number of people potentially affected by the existence of hazardous, or potentially hazardous, conditions at the site. Do not sum the numbers shown for each condition.
- IV. **Comments:** Other information relevant to observed, potential, or alleged hazards may be entered here.

V. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 4 **Permit and Descriptive Information**

*I. **Identification:** Refer to Part 1-i.

II. **Permit Information**

II-01 **Type of Permit Issued:** Check the appropriate box(es) to indicate the types of permits issued to the site. If state, local, or other types of environmental permits have been issued, specify the type.

II-02 **Permit Number:** Enter the permit number for each issued permit.

II-03 **Date Issued:** Enter the date each permit was issued.

II-04 **Expiration Date:** Enter the date each permit expires or expired.

II-05 **Comments:** Enter any information which further explains the types of permits issued or status of the permits.

III. **Site Description**

*III-01 **Storage/Disposal:** Check the appropriate box(es) to indicate the types of storage/disposal facilities found at the site. If Other is checked, specify the type of facility.

*III-02 **Amount:** Enter the gross amount of waste associated with each type of storage/disposal facility. Amounts may be measured in: metric tons, tons, cubic meters, cubic yards, drums, acres, acre feet, liters, or gallons.

*III-03 **Unit of Measure:** Enter the appropriate unit of measure for each entry. Units of measure are MT (metric tons), TN (tons), CM (cubic meters), CY (cubic yards), DR (drums), AC (acres), AF (acre feet), LT (liters), or GA (gallons).

*III-04 **Treatment:** If waste is treated at the site, check the appropriate box(es) to indicate treatment methods used. If Other is checked, specify treatment method.

III-05 **Other:** If there are buildings on site, check this box.

*III-06 **Area of Site:** Enter total area of site in acres.

III-07 **Comments:** Enter any other pertinent information.

IV. **Containment:** Containment is a measure of the natural or artificial means taken to minimize or preclude health hazards and to minimize or prevent contamination of the environment from waste at the site.

*IV-01 **Containment of Wastes:** Check the appropriate box to indicate the condition of containment measures at the site. When choosing the appropriate box, consider the potential for environmental contamination, i.e., the worst case for containment in conjunction with the most hazardous substances.

IV-02 **Description of Drums, Diking, Liners, Barriers:** Provide a narrative description of the condition of containment measures at the site, e.g., waste ade-

quately contained, drums rusting and leaking, diking collapsing, liners leaking and contaminants leaching into soil and groundwater.

V. **Accessibility:** Accessibility is an indicator of the potential for direct contact with hazardous substances.

*V-01 **Waste Easily Accessible:** If there are no real barriers preventing human access to hazardous waste, check Yes, otherwise check No.

V-02 **Comments:** Additional information about accessibility to hazardous waste may be provided.

VI. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 5 **Water, Demographic, and Environmental Data**

*I. **Identification:** Refer to Part 1-i.

II. **Drinking Water Supply**

II-01 **Type of Drinking Water Supply:** Check the appropriate box(es) to indicate the types and sources of drinking water within the vicinity of the site. Community refers to municipal sources. Non-community refers to private sources, e.g., private wells.

II-02 **Status:** Check the appropriate box(es) to indicate whether the water supply is endangered or affected by contaminants from the site. Check the appropriate box to indicate if the water supply is being monitored for possible contamination.

II-03 **Distance to Site:** Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to nearest drinking water source.

III. **Groundwater**

III-01 **Groundwater Use in Vicinity:** Check the appropriate box to indicate groundwater use in the vicinity of the site. The concern is to indicate the seriousness of groundwater contamination from waste at the site. Only Source for Drinking indicates that current water sources are limited to wells in the vicinity of the site. Drinking; Commercial, Industrial, Irrigation indicates that groundwater is used for drinking, but that other limited drinking sources are available and that no other sources for these additional uses are available. Commercial, Industrial, Irrigation indicates that groundwater is used for these purposes, but that limited other sources of water are available. Not used, Unuseable indicates that groundwater use in the area is not critical.

III-02 **Population Served by Groundwater:** Enter the number of people served by groundwater in the vicinity of the site. Population for the purposes of the Site Inspection Report includes residents and daytime workers and students but excludes transients in the neighborhood or on local highways and roads. When estimating population from aerial photographs or other sources, the conversion factor is 3.8 persons for each dwelling unit or 3 persons per acre in rural areas.

- III-03 Distance to Nearest Drinking Water Well: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the nearest drinking water well.
- III-04 Depth to Groundwater: Enter the depth in feet to groundwater.
- III-05 Depth of Groundwater Flow: Enter the cardinal direction of groundwater flow, e.g., NNW.
- III-06 Depth to Aquifer of Concern: Enter the depth in feet to the aquifer of concern.
- III-07 Potential Yield of Aquifer: Enter the potential yield of the aquifer in gallons per day.
- III-08 Sole Source Aquifer: Check the appropriate box to indicate the aquifer of concern is, or is not, a sole source aquifer.
- III-09 Description of Wells: Provide a narrative description of wells in the vicinity of the site, including usage, depth, and location relative to population and buildings.
- III-10 Recharge Area: Check the appropriate box to indicate the site is located in a recharge area. Comments provide additional information on the recharge area.
- III-11 Discharge Area: Check the appropriate box to indicate the site is located in a discharge area. Comments provide additional information on the discharge area.
- IV. Surface Water**
- IV-01 Surface Water Use: Check the appropriate box to indicate surface water use in the vicinity of the site. The order of precedence is Reservoir, Recreation, Drinking Water Source; Irrigation, Economically Important Reserves; Commercial/Industrial; Not Currently Used.
- IV-02 Affected/Potentially Affected Bodies of Water: Enter the names of bodies of surface water affected, or potentially affected, by contaminants from the site. List the body of surface water nearest the site first. For each body of water check Affected if contaminants have been identified in samples of the water. Enter the shortest distance from the body of water to the site in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required).
- V. Demographic and Property Information**
- V-01 Total Population Within: Enter the total population within one (1) mile, two (2) miles, and three (3) miles of the site. Distances are measured from site boundaries. Population for the purposes of the Site Inspection Report includes residents and daytime workers and students but excludes transients in the neighborhood or on local highways and roads. When estimating population from aerial photographs or other sources, the conversion factor is 3.8 persons for each dwelling unit or 3 persons per acre in rural areas.
- V-02 Distance to Nearest Population: Enter in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) the distance from the site boundary to the nearest population (one person minimum).
- V-03 Number of Buildings Within Two (2) Miles of Site: Enter the number of buildings within two miles from the boundaries of the site.
- V-04 Distance to Nearest Off-Site Building: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site boundary to the nearest off-site building.
- V-05 Population in Vicinity of Site: Provide a narrative description of the nature of the population within the vicinity of the site. Examples include rural area, small truck farms, urban industrial area, densely populated urban residential area.
- VI. Environmental Information**
- VI-01 Permeability of Unsaturated Zone: Check the appropriate box to indicate the permeability of the earth material above the water table in the vicinity of the site.
- VI-02 Permeability of Bedrock: Check the appropriate box to indicate the permeability of the bedrock in the vicinity of the site.
- VI-03 Depth to Bedrock: Enter the depth to bedrock in feet.
- VI-04 Depth of Contaminated Soil Zone: Enter the depth of the contaminated soil zone in feet.
- VI-05 Soil pH: Enter the pH of the soil in the vicinity of the site.
- VI-06 Net Precipitation: Enter net precipitation in inches. If net precipitation is not known, subtract the average evaporation figure on the U.S. National Weather Service map showing average annual evaporation in inches from the U.S. Environmental Data Service map showing mean annual precipitation.
- VI-07 One Year 24 Hour Rainfall: Enter in inches the figure for one year 24 hour rainfall.
- VI-08 Slope: Enter the percentage of site slope, the direction of site slope, and the percentage of the surrounding terrain average slope.
- VI-09 Flood Potential: Enter the boundary year for the floodplain in which the site is located. Sites flooded annually are in a 1 (one) year floodplain. Other examples include 10, 20, 50, 100, 500, etc., indicating the probability of flooding within that time period.
- VI-10 Site is on Barrier Island, Coastal High Hazard Area, Riverine Floodway: If site is located in one of these areas, check this box.
- VI-11 Distance to Wetlands: If applicable, enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the closest wetlands (five acre minimum) for Estuarine and Other types of wetlands.
- VI-12 Distance to Critical Habitat: If applicable, enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the nearest critical habitat

- of an endangered species. Enter the name(s) of the endangered species.
- VI-13 Land Use in Vicinity: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) to the nearest Commercial/Industrial area; Residential Area, National/State Parks, Forests, or Wildlife Reserves; or Agricultural Lands, Prime Ag Land and Ag Land. Prime Ag Land is that cropland, pasture, range, or forest land which produces the highest yield in relation to inputs. Ag Land is the remaining agricultural land, frequently considered marginal.
- VI-14 Description of Site in Relation to Surrounding Topography: Provide a narrative description of significant or unusual aspects of the surrounding topography in relation to the site. Examples might include: site is in a valley surrounded on all sides by mountains, site is at edge of a river or stream which floods frequently, etc.
- VII. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.
- Part 6 Sample and Field Information
- *I. Identification: Refer to Part 1-1.
- II. Samples Taken
- II-01 Number of Samples Taken: Next to each sample type enter the number of samples of that type taken.
- II-02 Samples Sent To: Enter the name of the laboratory or other facility where the samples were sent for analysis.
- II-03 Estimated Date Results Available: Enter the estimated date the results are expected to be available.
- III. Field Measurements Taken
- III-01 Type: Enter the type, e.g., radioactivity, explosivity, organic vapor or gas detection and analysis, reagent type gas detection, of each field measurement taken.
- III-02 Comments: Describe results of field measurements, whether they were taken on or off site, and if applicable, the type of disposal facility tested, e.g., drum, surface impoundment, landfill.
- IV. Photographs and Maps
- IV-01 Type: If photographs of the site have been taken, check the appropriate box(es) to indicate the type.
- IV-02 In Custody Of: Enter the name of the organization or person who has custody of the photographs.
- IV-03 Maps: Check the appropriate box to indicate that maps of the site area have been prepared or obtained.
- IV-04 Location of Maps: If site maps are available, indicate their location, e.g., Region 1 Air and Hazardous Materials Division.
- V. Other Field Data Collected: Provide a narrative description of any other field data collected.

- VI. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 7 Owner Information

- *I. Identification: Refer to Part 1-1.
- II. Current Owner(s) - Parent Company: Current owner(s) and parent companies, for those owners which are companies partly or wholly owned by another company, provide locator information about responsible parties. Each Part 7 provides space for four (4) current owners and their respective parent companies. If additional space is required, complete another Part 7.
- II-01 Name: Enter the legal name of the owner of the site. The owner may be a firm, government agency, association, individual, etc.
- II-02 D&B Number: Where available, enter the owner's D&B (Dun and Bradstreet) number. If the current owner is a federal agency, enter the GSA identification code.
- II-03 Street Address: Enter the business, mailing, or residential street address of the owner.
- II-04 SIC Code: If applicable, enter the owner's primary SIC Code.
- II-05 City: Enter the city of the owner's business, mailing, or residential address.
- II-06 State: Enter the two character alpha FIPS code for the state of the owner's business, mailing, or residential address.
- II-07 Zip Code: Enter the five digit zip code for the owner's business, mailing, or residential address.
- II-08 Name: If the owner is a partly or wholly owned subsidiary of another company, enter the legal name of the owner's parent company.
- II-09 D&B Number: Enter the parent company's Dun and Bradstreet number.
- II-10 Street Address: Enter the business or mailing street address of the parent company.
- II-11 SIC Code: If applicable, enter the parent company's primary SIC code.
- II-12 City: Enter the city of the parent company's business or mailing address.
- II-13 State: Enter the two character alpha FIPS code for the state of the parent company's business or mailing address.
- II-14 Zip Code: Enter the five digit zip code for the parent company's business or mailing address.
- III. Previous Owner(s): List previous owners in reverse chronological order, i.e., most recent first. If additional space is required, complete another Part 7.
- III-01 Name: Enter the legal name of the previous owner. The previous owner may have been a firm, government agency, association, individual, etc.

- III-02 D&B Number: Enter the previous owner's Dun and Bradstreet number if available. If the previous owner was a federal agency, enter the GSA identification code if available.
- III-03 Street Address: Enter the business, mailing, or residential street address of the previous owner.
- III-04 SIC Code: If applicable, enter the primary SIC Code of the previous owner.
- III-05 City: Enter the city of the previous owner's business, mailing, or residential address.
- III-06 State: Enter the two character alpha FIPS code for the state of the previous owner's business, mailing, or residential address.
- III-07 Zip Code: Enter the zip code of the previous owner's business, mailing, or residential address.
- IV. Realty Owner(s): Realty owner applies when the owner leased to another entity property which was used for the storage or disposal of hazardous waste. List current or most recent first.
- IV-01 Name: Enter the legal name of the realty owner. The realty owner may be a firm, government agency, association, individual, etc.
- IV-02 D&B Number: Enter the previous owner's Dun and Bradstreet number if available. If the previous owner was a federal agency, enter the GSA identification code if available.
- IV-03 Street Address: Enter the realty owner's business, mailing, or residential street address.
- IV-04 SIC Code: If applicable, enter the realty owner's primary SIC Code.
- IV-05 City: Enter the city of the realty owner's business, mailing, or residential address.
- IV-06 State: Enter the two character alpha FIPS code for the state of the realty owner's business, mailing, or residential address.
- IV-07 Zip Code: Enter the zip code of the realty owner's business, mailing, or residential address.
- V. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.
- Part 8 Operator Information
- *I. Identification: Refer to Part 1-1.
- II. Current Operator—Operator's Parent Company: Information on operators is applicable when the operator is not the owner.
- II-01 Name: Enter the legal name of the operator. The operator may be a firm, government agency, association, individual, etc.
- II-02 D&B Number: Enter the operator's Dun and Bradstreet number if available. If the operator is a federal agency, enter the GSA identification code if available.
- II-03 Street Address: Enter the operator's business, mailing, or residential street address.
- II-04 SIC Code: If applicable, enter the operator's primary SIC Code.
- II-05 City: Enter the city of the operator's business, mailing, or residential address.
- II-06 State: Enter the two character alpha FIPS code for the state of the operator's business, mailing, or residential address.
- II-07 Zip Code: Enter the zip code of the operator's business, mailing, or residential address.
- II-08 Years of Operation: Enter the beginning and ending years (or beginning only if operations are on-going), e.g., 1932/1948, of operation at the site.
- II-09 Name of Owner: Enter the name of the owner for the period cited for this operator.
- II-10 Name: If applicable, enter the legal name of the operator's parent company.
- II-11 D&B Number: Enter the operator's parent company Dun and Bradstreet number if available.
- II-12 Street Address: Enter the operator's parent company business, mailing, or residential street address.
- II-13 SIC Code: If applicable, enter the operator's parent company primary SIC Code.
- II-14 City: Enter the city of the operator's parent company business, mailing, or residential address.
- II-15 State: Enter the two character alpha FIPS code for the state of the operator's parent company business, mailing, or residential address.
- II-16 Zip Code: Enter the zip code of the operator's parent company business, mailing, or residential address.
- III. Previous Operator(s)—Previous Operators' Parent Companies
- III-01 Name: Enter the legal name of the previous operator. The previous operator may be a firm, government agency, association, individual, etc.
- III-02 D&B Number: Enter the previous operator's Dun and Bradstreet number if available. If the previous operator was a federal agency, enter the GSA identification code if available.
- III-03 Street Address: Enter the previous operator's business, mailing, or residential street address.
- III-04 SIC Code: If applicable, enter the previous operator's primary SIC Code.
- III-05 City: Enter the city of the previous operator's business, mailing, or residential address.
- III-06 State: Enter the two character alpha FIPS code for the state of the previous operator's business, mailing, or residential address.
- III-07 Zip Code: Enter the zip code of the previous operator's business, mailing, or residential address.
- III-08 Years of Operation: Enter the beginning and ending years of operation for this operator at the site.
- III-09 Name of Owner: Enter the name of the owner for the period cited for this operator

- III-10 Name: If applicable, enter the legal name of the previous operator's parent company.
- III-11 D&B Number: Enter the previous operator's parent company Dun and Bradstreet number if available.
- III-12 Street Address: Enter the previous operator's parent company business, mailing, or residential street address.
- III-13 SIC Code: If applicable, enter the previous operator's parent company primary SIC Code.
- III-14 City: Enter the city of the previous operator's parent company business, mailing, or residential address.
- III-15 State: Enter the two character alpha FIPS code for the state of the previous operator's parent company business, mailing, or residential address.
- III-16 Zip Code: Enter the zip code of the previous operator's parent company business, mailing, or residential address.
- IV. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 9 Generator/Transporter Information

- *I. Identification: Refer to Part 1-1.
- II. On-Site Generator: A company or agency, located within the contiguous area of the site and generating waste disposed on the site, is entered here.
- II-01 Name: If there is an on-site generator, enter the legal name of the on-site generator. The on-site generator may be a firm or government agency.
- II-02 D&B Number: Where available, enter the on-site generator's D&B (Dun and Bradstreet) number. If the on-site generator is a federal agency, enter the GSA identification code.
- II-03 Street Address: Enter the business or mailing street address of the on-site generator.
- II-04 SIC Code: If applicable, enter the on-site generator's primary SIC Code.
- II-05 City: Enter the city of the on-site generator's business or mailing address.
- II-06 State: Enter the two character alpha FIPS code for the state of the on-site generator's business or mailing address.
- II-07 Zip Code: Enter the five digit zip code for the on-site generator's business or mailing address.
- III. Off-Site Generator(s): Those companies or agencies off-site who have generated waste which has been disposed at the site are listed here.
- III-01 Name: Enter the legal name of the off-site generator. The off-site generator may be a firm or government agency.
- III-02 D&B Number: Where available, enter the off-site generator's D&B (Dun and Bradstreet) number. If the off-site generator is a federal agency, enter the GSA identification code.

- III-03 Street Address: Enter the business or mailing street address of the off-site generator.
- III-04 SIC Code: If applicable, enter the off-site generator's primary SIC Code.
- III-05 City: Enter the city of the off-site generator's business or mailing address.
- III-06 State: Enter the two character alpha FIPS code for the state of the off-site generator's business or mailing address.
- III-07 Zip Code: Enter the five digit zip code for the off-site generator's business or mailing address.

- IV. Transporter(s): Those carriers who are known to have transported waste to the site are listed here.
- IV-01 Name: Enter the legal name of the transporter. The transporter may be a firm, government agency, association, individual, etc.
- IV-02 D&B Number: Where available, enter the transporter's D&B (Dun and Bradstreet) number. If the transporter is a federal agency, enter the GSA identification code.
- IV-03 Street Address: Enter the business, mailing, or residential street address of the transporter.
- IV-04 SIC Code: If applicable, enter the transporter's primary SIC Code.
- IV-05 City: Enter the city of the transporter's business, mailing, or residential address.
- IV-06 State: Enter the two character alpha FIPS code for the state of the transporter's business, mailing, or residential address.
- IV-07 Zip Code: Enter the five digit zip code for the transporter's business, mailing, or residential address.

- V. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 10 Past Response Activities

- *I. Identification: Refer to Part 1-1.
- II. Past Response Activities
- II-01 Past Response Activities: Check the appropriate box(es) to indicate response activities initiated prior to the passage of CERCLA, December, 1980.
- II-02 Date: Enter the start date (or approximate date) of the activity.
- II-03 Agency: Enter the name of the Agency responsible for the activity.
- II-04 Description: Provide a brief narrative description of the activity.
- III. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

SITE INSPECTION REPORT

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Part 11 Enforcement Information</p> <p>*1. Identification: Refer to Part 1-1.</p> <p>II. Enforcement Information</p> <p>II-01 Past Regulatory/Enforcement Action: Check the appropriate box to indicate past regulatory or enforcement action at the federal, state, or local level related to this site.</p> <p>II-02 Description of Federal, State, Local Regulatory or Enforcement Action: Provide a narrative description</p> | <p>of regulatory or enforcement action to date. Do not include any enforcement action contemplated in the process of development.</p> <p>III. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

APPENDIX

I. FEEDSTOCKS

| CAS Number | Chemical Name | CAS Number | Chemical Name | CAS Number | Chemical Name |
|----------------|-------------------|---------------|-------------------|----------------|----------------------|
| 1. 7664-41-7 | Ammonia | 14. 1317-38-0 | Cuoric Oxide | 27. 7778-60-9 | Potassium Dichromate |
| 2. 7440-38-0 | Antimony | 15. 7758-98-7 | Cuoric Sulfate | 28. 1310-58-3 | Potassium Hydroxide |
| 3. 1309-64-4 | Antimony Trioxide | 16. 1317-39-1 | Cuorous Oxide | 29. 115-07-1 | Propylene |
| 4. 7440-38-2 | Arsenic | 17. 74-85-1 | Ethylene | 30. 10588-01-9 | Sodium Dichromate |
| 5. 1327-53-3 | Arsenic Trioxide | 18. 7647-01-0 | Hydrochloric Acid | 31. 1310-73-2 | Sodium Hydroxide |
| 6. 21109-85-8 | Barium Sulfide | 19. 7664-39-3 | Hydrogen Fluoride | 32. 7646-78-8 | Stannic Chloride |
| 7. 7726-96-6 | Bromine | 20. 1335-25-7 | Lead Oxide | 33. 7772-99-8 | Stannous Chloride |
| 8. 108-99-0 | Butadiene | 21. 7438-97-6 | Mercury | 34. 7664-93-8 | Sulfuric Acid |
| 9. 7440-43-8 | Cadmium | 22. 74-82-8 | Methane | 35. 108-88-3 | Toluene |
| 10. 7782-50-5 | Chlorine | 23. 91-20-3 | Naphthalene | 36. 1330-20-7 | Xylene |
| 11. 12737-27-8 | Chromite | 24. 7440-02-0 | Nickel | 37. 7646-85-7 | Zinc Chloride |
| 12. 7440-47-3 | Chromium | 25. 7687-37-2 | Nitric Acid | 38. 7733-02-0 | Zinc Sulfate |
| 13. 7440-48-4 | Coast | 26. 7723-14-0 | Phosphorus | | |

II. HAZARDOUS SUBSTANCES

| CAS Number | Chemical Name | CAS Number | Chemical Name | CAS Number | Chemical Name |
|----------------|---------------------------|----------------|----------------------------------|------------------|-----------------------------------------|
| 1. 75-07-0 | Acetaldehyde | 47. 1303-33-0 | Arsenic Trisulfide | 92. 142-71-2 | Cuoric Acetate |
| 2. 64-19-7 | Acetic Acid | 48. 542-62-1 | Barium Cyanide | 93. 12002-03-8 | Cuoric Acetoarsenite |
| 3. 108-24-7 | Acetic Anhydride | 49. 71-43-2 | Benzene | 94. 7447-39-4 | Cuoric Chloride |
| 4. 75-86-5 | Acetone Cyanohydrin | 50. 85-85-0 | Benzoic Acid | 95. 3251-23-8 | Cuoric Nitrate |
| 5. 506-96-7 | Acetyl Bromide | 51. 100-47-0 | Benzonitrile | 96. 5893-66-3 | Cuoric Oxalate |
| 6. 75-38-5 | Acetyl Chloride | 52. 98-88-4 | Benzoyl Chloride | 97. 7758-98-7 | Cuoric Sulfate |
| 7. 107-02-8 | Acrolein | 53. 100-44-7 | Benzyl Chloride | 98. 10380-29-7 | Cuoric Sulfate Ammoniated |
| 8. 107-13-1 | Acrylonitrile | 54. 7440-41-7 | Beryllium | 99. 815-82-7 | Cuoric Tartrate |
| 9. 124-04-9 | Adipic Acid | 55. 7787-47-5 | Beryllium Chloride | 100. 506-77-4 | Cyanogen Chloride |
| 10. 309-00-2 | Aldrin | 56. 7787-49-7 | Beryllium Fluoride | 101. 110-82-7 | Cyclohexane |
| 11. 10043-01-3 | Aluminum Sulfate | 57. 13587-99-4 | Beryllium Nitrate | 102. 94-75-7 | 2,4-D Acid |
| 12. 107-18-6 | Allyl Alcohol | 58. 123-86-4 | Butyl Acetate | 103. 94-11-1 | 2,4-D Esters |
| 13. 107-06-1 | Allyl Chloride | 59. 84-74-2 | n-Butyl Phthalate | 104. 50-29-3 | DDT |
| 14. 7664-41-7 | Ammonia | 60. 108-73-9 | Butylamine | 105. 333-41-6 | Diazinon |
| 15. 631-81-8 | Ammonium Acetate | 61. 107-92-6 | Butyric Acid | 106. 1918-00-9 | Dicamba |
| 16. 1863-63-4 | Ammonium Benzoate | 62. 543-90-8 | Cesium Acetate | 107. 1194-65-6 | Dichlobenil |
| 17. 1066-33-7 | Ammonium Bicarbonate | 63. 7789-42-6 | Cadmium Bromide | 108. 117-80-6 | Dichloro |
| 18. 7789-09-5 | Ammonium Dichromate | 64. 10108-64-2 | Cadmium Chloride | 109. 25321-22-6 | Dichlorobenzene (all isomers) |
| 19. 1341-49-7 | Ammonium Difluoride | 65. 7778-44-1 | Calcium Arsenate | 110. 266-38-19-7 | Dichloropropene (all isomers) |
| 20. 10192-30-0 | Ammonium Disulfite | 66. 52740-16-6 | Calcium Arsenite | 111. 28952-23-8 | Dichloropropene (all isomers) |
| 21. 1111-78-0 | Ammonium Carbamate | 67. 75-20-7 | Calcium Carbide | 112. 8003-19-8 | Dichloropropene-Dichloropropene Mixture |
| 22. 12125-02-9 | Ammonium Chloride | 68. 13785-19-0 | Calcium Chromate | | |
| 23. 7788-98-9 | Ammonium Chromate | 69. 582-01-8 | Calcium Cyanide | 113. 75-99-0 | 2,2-Dichloropropionic Acid |
| 24. 3012-65-5 | Ammonium Citrate, Dibasic | 70. 26264-06-2 | Calcium Dodecylbenzene Sulfonate | 114. 62-73-7 | Dichlorvos |
| 25. 13826-83-0 | Ammonium Fluoborate | | | 115. 60-67-1 | Dieldrin |
| 26. 12125-01-8 | Ammonium Fluoride | 71. 7778-54-3 | Calcium Hypochlorite | 116. 109-69-7 | Diethylamine |
| 27. 1338-21-6 | Ammonium Hydroxide | 72. 133-06-2 | Captan | 117. 124-40-3 | Dimethylamine |
| 28. 8009-70-7 | Ammonium Oxalate | 73. 63-25-2 | Carbaryl | 118. 25154-64-6 | Dinitrobenzene (all isomers) |
| 29. 16919-19-0 | Ammonium Silicofluoride | 74. 1563-66-2 | Carbofuran | 119. 51-28-6 | O-nitrophenol |
| 30. 7773-06-0 | Ammonium Sulfamate | 75. 75-15-0 | Carbon Disulfide | 120. 25321-14-6 | Dinitrotoluene (all isomers) |
| 31. 12135-78-1 | Ammonium Sulfide | 76. 96-23-6 | Carbon Tetrachloride | 121. 85-00-7 | Diquat |
| 32. 10196-04-0 | Ammonium Sulfite | 77. 57-74-8 | Chlordane | 122. 298-04-4 | Dialufoton |
| 33. 14307-43-8 | Ammonium Tartrate | 78. 7782-50-5 | Chlorine | 123. 330-64-1 | Diuron |
| 34. 1762-95-4 | Ammonium Thiocyanate | 79. 108-90-7 | Chlorobenzene | 124. 27176-87-0 | Dodecylbenzenesulfonic Acid |
| 35. 7783-18-8 | Ammonium Thioisulfate | 80. 67-66-3 | Chloroform | 125. 115-29-7 | Endosulfan (all isomers) |
| 36. 628-63-7 | Amyl Acetate | 81. 7790-94-5 | Chlorosulfonic Acid | 126. 72-20-8 | Endrin and Metabolites |
| 37. 62-63-3 | Aniline | 82. 2921-68-2 | Chloroacrylonitrile | 127. 106-89-8 | Epichlorohydrin |
| 38. 7647-18-9 | Antimony Pentachloride | 83. 1066-30-4 | Chromic Acetate | 128. 563-12-2 | Ethion |
| 39. 7789-61-9 | Antimony Tribromide | 84. 7738-94-6 | Chromic Acid | 129. 100-41-4 | Ethyl Benzene |
| 40. 10025-91-9 | Antimony Trichloride | 85. 10101-63-8 | Chromic Sulfate | 130. 107-15-3 | Ethylene diamine |
| 41. 7783-56-4 | Antimony Trifluoride | 86. 10049-05-5 | Chromous Chloride | 131. 106-93-4 | Ethylene Dibromide |
| 42. 1309-64-4 | Antimony Trioxide | 87. 544-18-3 | Cobaltous Formate | 132. 107-06-2 | Ethylene Dichloride |
| 43. 1303-32-8 | Arsenic Disulfide | 88. 14017-41-5 | Cobaltous Sulfamate | 133. 60-00-4 | EDTA |
| 44. 1303-28-2 | Arsenic Pentoxide | 89. 56-72-4 | Coumaphos | 134. 1185-67-5 | Ferric Ammonium Citrate |
| 45. 7784-34-1 | Arsenic Trichloride | 90. 1319-77-3 | Cresol | 135. 2944-67-4 | Ferric Ammonium Oxalate |
| 46. 1327-53-3 | Arsenic Trioxide | 91. 4170-30-3 | Crotonaldehyde | 136. 7705-08-0 | Ferric Chloride |

II. HAZARDOUS SUBSTANCES

| CAS Number | Chemical Name | CAS Number | Chemical Name | CAS Number | Chemical Name |
|-----------------|---------------------------------------------|-----------------|------------------------------------|-----------------|--------------------------------|
| 137. 7783-50-8 | Ferrie Fluoride | 192. 74-89-5 | Monomethylamine | 249. 7832-00-0 | Sodium Nitrate |
| 138. 10421-48-4 | Ferrie Nitrate | 193. 300-78-8 | Naled | 250. 7558-79-4 | Sodium Phosphate, Dibasic |
| 139. 10028-22-5 | Ferrie Sulfate | 194. 91-20-3 | Naphthalene | 251. 7601-54-9 | Sodium Phosphate, Tribasic |
| 140. 10045-89-3 | Ferrous Ammonium Sulfate | 195. 1338-24-5 | Naphthenic Acid | 252. 10102-18-8 | Sodium Selenite |
| 141. 7758-94-3 | Ferrous Chloride | 196. 7440-02-0 | Nickel | 253. 7789-06-2 | Strontium Chromate |
| 142. 7720-78-7 | Ferrous Sulfate | 197. 15599-18-0 | Nickel Ammonium Sulfate | 254. 57-24-9 | Strychnine and Salts |
| 143. 206-44-0 | Fluoranthene | 198. 37211-05-5 | Nickel Chloride | 255. 100-420-5 | Styrene |
| 144. 50-00-0 | Formaldehyde | 199. 12054-48-7 | Nickel Hydroxide | 256. 12771-08-3 | Sulfur Monochloride |
| 145. 64-18-6 | Formic Acid | 200. 14216-75-2 | Nickel Nitrate | 257. 7664-93-9 | Sulfuric Acid |
| 146. 110-17-8 | Fumaric Acid | 201. 7786-81-4 | Nickel Sulfate | 258. 93-78-6 | 2,4,5-T Acid |
| 147. 98-01-1 | Furfural | 202. 7697-37-2 | Nitric Acid | 259. 2008-46-0 | 2,4,5-T Amines |
| 148. 86-60-0 | Guthion | 203. 96-95-3 | Nitrobenzene | 260. 93-79-8 | 2,4,5-T Esters |
| 149. 76-44-8 | Heptachlor | 204. 10102-44-0 | Nitrogen Dioxide | 261. 13580-99-1 | 2,4,5-T Salts |
| 150. 118-74-1 | Hexachlorobenzene | 205. 25154-55-6 | Nitrophenol (all isomers) | 262. 93-72-1 | 2,4,5-TP Acid |
| 151. 87-68-3 | Hexachlorobutadiene | 206. 1321-12-6 | Nitrotoluene | 263. 32534-95-5 | 2,4,5-TP Acid Esters |
| 152. 67-72-1 | Hexachloroethane | 207. 30525-89-4 | Paraformaldehyde | 264. 72-64-8 | TOE |
| 153. 70-30-4 | Hexachloroepoxide | 208. 56-38-2 | Parathion | 265. 95-94-3 | Tetrachlorobenzene |
| 154. 77-47-4 | Hexachlorocyclopentadiene | 209. 608-93-8 | Pentachlorobenzene | 266. 127-18-4 | Tetrachloroethane |
| 155. 7647-01-0 | Hydrochloric Acid (Hydrogen Chloride) | 210. 87-86-5 | Pentachloroophenol | 267. 78-00-2 | Tetraethyl Lead |
| 156. 7664-39-3 | Hydrofluoric Acid (Hydrogen Fluoride) | 211. 85-01-8 | Phenanthrene | 268. 107-49-3 | Tetraethyl Pyrophosphate |
| 157. 74-90-8 | Hydrogen Cyanide | 212. 108-95-2 | Phenol | 269. 7446-18-6 | Thallium (II) Sulfate |
| 158. 7783-06-4 | Hydrogen Sulfide | 213. 75-44-5 | Phosgene | 270. 108-88-3 | Toluene |
| 159. 78-79-5 | Isoprene | 214. 7664-38-2 | Phosphonic Acid | 271. 8001-35-2 | Toxaprene |
| 160. 42504-46-1 | Isopropenolamine Dodecylbenzenesulfonate | 215. 7723-14-0 | Phosphorus | 272. 12002-48-1 | Trichlorobenzene (all isomers) |
| 161. 115-32-2 | Ketthane | 216. 10025-87-3 | Phosphorus Oxichloride | 273. 52-68-6 | Trichloron |
| 162. 143-50-0 | Ketone | 217. 1314-80-3 | Phosphorus Pentasulfide | 274. 25323-89-1 | Trichloroethane (all isomers) |
| 163. 301-04-2 | Lead Acetate | 218. 7719-12-2 | Phosphorus Trichloride | 275. 79-01-6 | Trichloroethylene |
| 164. 3687-31-8 | Lead Arsenate | 219. 7784-41-0 | Potassium Arsenate | 276. 25187-82-2 | Trichlorophenol (all isomers) |
| 165. 7758-95-4 | Lead Chloride | 220. 10124-50-2 | Potassium Arsenite | 277. 27323-41-7 | Trithanotamine |
| 166. 13814-96-5 | Lead Fluoborate | 221. 7778-50-9 | Potassium Chromate | 278. 121-44-8 | Triethylenesulfonate |
| 167. 7783-46-2 | Lead Fluoride | 222. 7789-00-6 | Potassium Chromate | 279. 75-50-3 | Triethylamine |
| 168. 10101-63-0 | Lead Iodide | 223. 7722-64-7 | Potassium Permanganate | 280. 941-09-3 | Trimethylamine |
| 169. 18258-98-9 | Lead Nitrate | 224. 2312-35-8 | Propargite | 281. 10102-06-4 | Uranyl Acetate |
| 170. 7428-48-0 | Lead Stearate | 225. 79-08-4 | Propionic Acid | 282. 1314-62-1 | Uranyl Nitrate |
| 171. 15739-80-7 | Lead Sulfate | 226. 123-62-6 | Propionic Anhydride | 283. 27774-13-6 | Vanadium Pentoxide |
| 172. 1314-87-0 | Lead Sulfide | 227. 1326-36-3 | Polychlorinated Biphenyls | 284. 108-05-4 | Vanadyl Sulfate |
| 173. 592-87-0 | Lead Thiocyanate | 228. 151-80-8 | Potassium Cyanide | 285. 75-35-4 | Vinyl Acetate |
| 174. 58-89-9 | Lindane | 229. 1310-58-3 | Potassium Hydroxide | 286. 1300-71-6 | Vinylidene Chloride |
| 175. 14307-35-8 | Lithium Chromate | 230. 75-56-9 | Propylene Oxide | 287. 587-34-6 | Xylenol |
| 176. 121-75-5 | Malthion | 231. 121-29-9 | Pyrethrin | 288. 52628-25-8 | Zinc Acetate |
| 177. 110-16-7 | Maleic Acid | 232. 91-22-5 | Quinaline | 289. 1332-07-6 | Zinc Ammonium Chloride |
| 178. 108-31-6 | Maleic Anhydride | 233. 108-46-3 | Resorcinol / | 290. 7699-45-8 | Zinc Borate |
| 179. 2032-65-7 | Mercaptodimethylur | 234. 7446-08-4 | Selenium Oxide | 291. 3486-35-9 | Zinc Bromide |
| 180. 592-04-1 | Mercure Cyanide | 235. 7761-88-8 | Silver Nitrate | 292. 7646-85-7 | Zinc Carbonate |
| 181. 10045-94-0 | Mercure Nitrate | 236. 7831-89-2 | Sodium Arsenate | 293. 557-21-1 | Zinc Chloride |
| 182. 7783-35-9 | Mercure Sulfate | 237. 7784-46-5 | Sodium Arsenite | 294. 7783-49-3 | Zinc Cyanide |
| 183. 592-85-8 | Mercure Thiocyanate | 238. 10588-01-9 | Sodium Bichromate | 295. 557-41-5 | Zinc Fluoride |
| 184. 10415-75-5 | Mercurous Nitrate | 239. 1333-83-1 | Sodium Bisulfite | 296. 7779-46-4 | Zinc Formate |
| 185. 72-43-5 | Methoxychlor | 240. 7831-90-5 | Sodium Bisulfite | 297. 7779-88-6 | Zinc Hydroxysulfite |
| 186. 74-83-1 | Methyl Mercaptan | 241. 7775-11-3 | Sodium Chromate | 298. 127-82-2 | Zinc Nitrate |
| 187. 80-62-6 | Methyl Methacrylate | 242. 143-33-9 | Sodium Cyanide | 299. 1314-84-7 | Zinc Phenolsulfonate |
| 188. 298-00-0 | Methyl Parathion | 243. 25195-30-0 | Sodium Dodecylbenzene Sulfonate | 300. 16871-71-9 | Zinc Phosphide |
| 189. 7786-34-7 | Mevinphos | 244. 7681-49-4 | Sodium Fluoride | 301. 7733-02-0 | Zinc Silicofluoride |
| 190. 315-18-4 | Mexacarbate | 245. 16721-80-5 | Sodium Hydroxide | 302. 13748-89-9 | Zinc Sulfate |
| 191. 75-04-7 | Monomethylamine | 246. 1310-73-2 | Sodium Hydroxide | 303. 16923-95-8 | Zirconium Nitrate |
| | | 247. 7681-52-9 | Sodium Hypochlorite | 304. 14644-61-2 | Zirconium Potassium Fluoride |
| | | 248. 124-41-4 | Sodium Methylate | 305. 10026-11-6 | Zirconium Sulfate |
| | | | | | Zirconium Tetrachloride |

APPENDIX B

HAZARD RANKING SYSTEM FOR SITE 2

Site # 2

| EPA | | POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT | | | I. IDENTIFICATION | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|----------------------------------|--------------|
| | | 01 STATE | 02 SITE NUMBER | | | |
| <p>01 STATE: FL 02 SITE NUMBER: 6170022952</p> | | | | | | |
| <p>II. SITE NAME AND LOCATION</p> | | | | | | |
| 01 SITE NAME (Legal, common, or descriptive name of site) | | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER | | | | |
| Naval Air Station, Key West, Site 2 | | (Truman Annex-Transformer Oil Disposal) | | | | |
| 03 CITY | | 04 STATE | 05 ZIP CODE | 06 COUNTY | 07 COUNTY CODE | 08 CONG DIST |
| Key West | | FL | 33042 | Monroe | 087 | 19 |
| 09 COORDINATES | | LATITUDE | LONGITUDE | | | |
| | | 24 35 | 81 45 | | | |
| <p>10 DIRECTIONS TO SITE (starting from nearest public road)</p> <p>Site 2, Transformer Oil Disposal Area, is the gravel parking lot surrounding Build. 795 (current Defense Property Disposal Office) at Truman Annex.</p> | | | | | | |
| <p>III. RESPONSIBLE PARTIES</p> | | | | | | |
| 01 OWNER (if known) | | 02 STREET (business, mailing, residential) | | | | |
| U.S. Naval Air Station | | N/A | | | | |
| 03 CITY | | 04 STATE | 05 ZIP CODE | 06 TELEPHONE NUMBER | | |
| Key West | | FL | 33042 | () | | |
| 07 OPERATOR (if known and different from owner) | | 08 STREET (business, mailing, residential) | | | | |
| NAS Key West | | N/A | | | | |
| 09 CITY | | 10 STATE | 11 ZIP CODE | 12 TELEPHONE NUMBER | | |
| Key West | | FL | 33042 | () | | |
| <p>13 TYPE OF OWNERSHIP (Check one)</p> <p><input type="checkbox"/> A. PRIVATE <input checked="" type="checkbox"/> B. FEDERAL: <u>U.S. Naval Air Station</u> <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL</p> <p><input type="checkbox"/> F. OTHER: _____ <input type="checkbox"/> G. UNKNOWN</p> | | | | | | |
| <p>14 OWNER, OPERATOR NOTIFICATION ON FILE (Check all that apply)</p> <p><input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103) DATE RECEIVED: _____ <input type="checkbox"/> C. NONE</p> | | | | | | |
| <p>IV. CHARACTERIZATION OF POTENTIAL HAZARD</p> | | | | | | |
| 01 ON SITE INSPECTION | | 02 BY (Check all that apply) | | | | |
| <input checked="" type="checkbox"/> YES DATE <u>08/13/84</u> <input type="checkbox"/> NO DATE <u>07/19-08/4/86</u> | | <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input checked="" type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ | | | | |
| 03 CONTRACTOR NAME(S): | | <u>Envirodyne Engineers, Inc.; Gerahy & Miller</u> | | | | |
| 02 SITE STATUS (Check one) | | 03 YEARS OF OPERATION | | | | |
| <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN | | <u>1950</u> <u>1970</u> <input type="checkbox"/> UNKNOWN <u>Inc</u> BEGINNING YEAR ENDING YEAR | | | | |
| <p>04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED</p> <p>This is an old disposal place. It possibly contains very low concentrations of disposed waste. Soil analyses indicated low levels of PCBs.</p> | | | | | | |
| <p>05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION</p> <p>Based on the very low concentrations of PCBs in the soil samples the site does not appear to be potential hazardous to environment and to population.</p> | | | | | | |
| <p>V. PRIORITY ASSESSMENT</p> | | | | | | |
| <p>01 PRIORITY FOR INSPECTION (Check one) (High or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Remedial)</p> <p><input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on one quarter basis) <input type="checkbox"/> D. NONE (No further action needed, complete annual inspection only)</p> | | | | | | |
| <p>VI. INFORMATION AVAILABLE FROM</p> | | | | | | |
| 01 CONTACT | | 02 OF Agency Department | | | 03 TELEPHONE NUMBER | |
| Mr. Joel Murphy | | NAVFAC / SOUTH DIV | | | (803) 743-0577 | |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT | | 06 AGENCY | 06 ORGANIZATION | 07 TELEPHONE NUMBER | 08 DATE | |
| Mr. Joel Murphy | | Navy | NAVFAC - SOUTH DIV | (803) 743-0577 | ____/____/____ MONTH DAY YEAR | |



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION

01 STATE: FL 02 SITE NUMBER: 6170022952

M. HAZARDOUS CONDITIONS AND INCIDENTS

01 A. GROUNDWATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- Ground water does not appear to be potentially contaminated. Analyses have indicated the presence of ≈ 1 ppm PCBs in some soil at the site (Geraghty & Miller, Inc., 1987).

01 B. SURFACE WATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- No evidence of release of contaminants to surface water.
- Site is located a few feet above the sea level and adjacent to Atlantic Ocean.

01 C. CONTAMINATION OF AIR 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- No information was found to indicate air contamination from the disposed of waste at the site.

01 D. FIRE/EXPLOSIVE CONDITIONS 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- No hazardous substances that could catch fire or explode are present at the site.

01 E. DIRECT CONTACT 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- There is no information of any direct contact incidents. No hazardous substances that could cause injury by direct contact are present at the site.

01 F. CONTAMINATION OF SOIL 02 OBSERVED (DATE: 7/10/86) POTENTIAL ALLEGED

03 AREA POTENTIALLY AFFECTED: 0.5 acres 04 NARRATIVE DESCRIPTION

- Very low levels (mostly below laboratory detection limit) of PCBs were found (Geraghty & Miller, Inc., 1987). The soil appears to be not seriously contaminated.

01 G. DRINKING WATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

- There is no potential for the drinking water to be contaminated from the site's waste compounds. Drinking water at Key West is imported via a 130 mile pipeline from the mainland, or from rainwater catchment and the desalination plant.

01 H. WORKER EXPOSURE/INJURY 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 I. POPULATION EXPOSURE/INJURY 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS**

| I. IDENTIFICATION | |
|-------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 6170022952 |

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

01 K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include estimate of species)

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

01 L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

01 M. UNSTABLE CONTAINMENT OF WASTES
(Specify amount, location, quantity, etc.)
03 POPULATION POTENTIALLY AFFECTED: _____

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

01 N. DAMAGE TO OFF SITE PROPERTY
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

01 P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

- Due to the very low concentrations of PCBs found in the soil samples, the site does not appear to be a threat to human health or the environment.

V. SOURCES OF INFORMATION (Cite specific references, e.g., EPA file number, report, etc.)

- NEESA, Initial Assessment Study of NAS-Key West, FL; Document 13-071 (May 1985).
- Geraghty & Miller, Inc., Verification Study Assessment of Potential Ground-Water Pollution at NAS-Key West, FL (March 1987).

Facility name: NAS Key West

Location: Key West, FL (Truman Annex)

EPA Region: 4

Person(s) in charge of the facility: NAS Key West

Name of Reviewer: A. Antonopoulos Date: 2/25/88

General description of the facility:
 (For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

Site 2, Transformer Oil Disposal Area consists of 0.5 acre.
During mid-1950s to approx. 1970 the off-line transformers were sent there, and the dielectric fluid from the transformers was routinely spread on the site (parking area) for dust and weed control purposes. Many disposed transformers contained polychlorinated biphenyls dielectric fluid. Soil

Scores: $S_M = 15.2$, $S_{PW} = 22.6$, $S_{SW} = 13.4$, $S_a = 0$, $S_{FE} = 0$, $S_{DC} = 37.5$

analyses indicated low levels of PCBs.

FIGURE 1
 HRS COVER SHEET

DRAFT

| Ground Water Route Work Sheet | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|-------------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Release | 0 45 | 1 | 0 | 45 | 3.1 | |
| If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 . | | | | | | |
| 2 Route Characteristics | | | | | 3.2 | |
| Depth to Aquifer of Concern | 0 1 2 3 | 2 | 0 | 6 | | |
| Net Precipitation | 0 1 2 3 | 1 | 2 | 3 | | |
| Permeability of the Unsaturated Zone | 0 1 2 3 | 1 | 3 | 3 | | |
| Physical State | 0 1 2 3 | 1 | 3 | 3 | | |
| Total Route Characteristics Score | | | 8 | 15 | | |
| 3 Containment | 0 1 2 3 | 1 | 3 | 3 | 3.3 | |
| 4 Waste Characteristics | | | | | 3.4 | |
| Toxicity/Persistence | 0 3 6 9 12 15 18 | 1 | 18 | 18 | | |
| Hazardous Waste Quantity | 0 1 2 3 4 5 6 7 8 | 1 | 2 | 8 | | |
| Total Waste Characteristics Score | | | 20 | 26 | | |
| 5 Targets | | | | | 3.5 | |
| Ground Water Use | 0 1 2 3 | 3 | 3 | 9 | | |
| Distance to Nearest Well/Population Served | 0 4 8 8 10 12 16 18 20 24 30 32 35 40 | 1 | 24 | 40 | | |
| Total Targets Score | | | 27 | 49 | | |
| 6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5 | | | 12,960 | 57,330 | | |
| 7 Divide line 6 by 57,330 and multiply by 100 | | | sgw = 22.61 | | | |

FIGURE 2
GROUND WATER ROUTE WORK SHEET

DRAFT

| Surface Water Route Work Sheet | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|-------------------------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Release | 0 45 | 1 | 0 | 45 | 4.1 | |
| If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 . | | | | | | |
| 2 Route Characteristics | | | | | 4.2 | |
| Facility Slope and Intervening Terrain | 0 1 2 3 | 1 | 0 | 3 | | |
| 1-yr. 24-hr. Rainfall | 0 1 2 3 | 1 | 3 | 3 | | |
| Distance to Nearest Surface Water | 0 1 2 3 | 2 | 6 | 6 | | |
| Physical State | 0 1 2 3 | 1 | 3 | 3 | | |
| Total Route Characteristics Score | | | 12 | 15 | | |
| 3 Containment | 0 1 2 3 | 1 | 3 | 3 | 4.3 | |
| 4 Waste Characteristics | | | | | 4.4 | |
| Toxicity/Persistence | 0 3 6 9 12 15 18 | 1 | 18 | 18 | | |
| Hazardous Waste Quantity | 0 1 2 3 4 5 6 7 8 | 1 | 2 | 8 | | |
| Total Waste Characteristics Score | | | 20 | 28 | | |
| 5 Targets | | | | | 4.5 | |
| Surface Water Use | 0 1 2 3 | 3 | 6 | 9 | | |
| Distance to a Sensitive Environment | 0 1 2 3 | 2 | 6 | 6 | | |
| Population Served/Distance to Water Intake Downstream | 0 4 6 8 10 12 16 18 20 24 30 32 35 40 | 1 | 0 | 40 | | |
| Total Targets Score | | | 12 | 55 | | |
| 6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5 | | | 8,640 | 64,350 | | |
| 7 Divide line 6 by 64,350 and multiply by 100 | | | S _{sw} = 13.43 | | | |

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

DRAFT

| Air Route Work Sheet | | | | | | |
|-----------------------------------------------------------------|--------------------------------|-------------|----------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Release | <u>0</u> 45 | 1 | <u>0</u> | 45 | 5.1 | |
| Date and Location: | | | | | | |
| Sampling Protocol: | | | | | | |
| If line 1 is 0, the $S_a = 0$. Enter on line 5 . | | | | | | |
| If line 1 is 45, then proceed to line 2 . | | | | | | |
| 2 Waste Characteristics | | | | | 5.2 | |
| Reactivity and Incompatibility | 0 1 2 3 | 1 | | 3 | | |
| Toxicity | 0 1 2 3 | 3 | | 9 | | |
| Hazardous Waste Quantity | 0 1 2 3 4 5 6 7 8 | 1 | | 8 | | |
| Total Waste Characteristics Score | | | | 20 | | |
| 3 Targets | | | | | 5.3 | |
| Population Within 4-Mile Radius | 0 9 12 15 18 21 24 27 30 | 1 | | 30 | | |
| Distance to Sensitive Environment | 0 1 2 3 | 2 | | 6 | | |
| Land Use | 0 1 2 3 | 1 | | 3 | | |
| Total Targets Score | | | | 39 | | |
| 4 Multiply 1 x 2 x 3 | | | <u>0</u> | 35,100 | | |
| 5 Divide line 4 by 35,100 and multiply by 100 | | | | | $S_a = NS$ | |

FIGURE 9
AIR ROUTE WORK SHEET

DRAFT

| | s | s ² |
|---------------------------------------------------|-------|----------------|
| Groundwater Route Score (S _{gw}) | 22.61 | 511.21 |
| Surface Water Route Score (S _{sw}) | 13.43 | 180.36 |
| Air Route Score (S _a) | 0. | 0 |
| $S_{gw}^2 + S_{sw}^2 + S_a^2$ | | 691.57 |
| $\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$ | | 26.30 |
| $\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M$ | | 15.20 |

**FIGURE 10
WORKSHEET FOR COMPUTING S_M**

DRAFT

| Fire and Explosion Work Sheet | | | | | | |
|------------------------------------------------------------|--------------------------------|-----------------|-------------|-------|------------|----------------|
| Rating Factor | Assigned Value (Circle One) | | Multi-plier | Score | Max. Score | Ref. (Section) |
| 1 Containment | 1 | 3 | 1 | 1 | 3 | 7.1 |
| 2 Waste Characteristics | | | | | | 7.2 |
| Direct Evidence | 0 | 3 | 1 | | 3 | |
| Ignitability | 0 | 1 2 3 | 1 | | 3 | |
| Reactivity | 0 | 1 2 3 | 1 | | 3 | |
| Incompatibility | 0 | 1 2 3 | 1 | | 3 | |
| Hazardous Waste Quantity | 0 | 1 2 3 4 5 6 7 8 | 1 | | 8 | |
| Total Waste Characteristics Score | | | | | 20 | |
| 3 Targets | | | | | | 7.3 |
| Distance to Nearest Population | 0 | 1 2 3 4 5 | 1 | | 5 | |
| Distance to Nearest Building | 0 | 1 2 3 | 1 | | 3 | |
| Distance to Sensitive Environment | 0 | 1 2 3 | 1 | | 3 | |
| Land Use | 0 | 1 2 3 | 1 | | 3 | |
| Population Within 2-Mile Radius | 0 | 1 2 3 4 5 | 1 | | 5 | |
| Buildings Within 2-Mile Radius | 0 | 1 2 3 4 5 | 1 | | 5 | |
| Total Targets Score | | | | | 24 | |
| 4 Multiply 1 x 2 x 3 | | | | | 1,440 | |
| 5 Divide line 4 by 1,440 and multiply by 100 | | | | | | SFE = 0 |

FIGURE 11
FIRE AND EXPLOSION WORK SHEET

DRAFT

| Direct Contact Work Sheet | | | | | | |
|---------------------------------------------------------------------------------|--------------------------------|-------------|------------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Incident | 0 45 | 1 | 0 | 45 | 8.1 | |
| If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2 | | | | | | |
| 2 Accessibility | 0 1 2 3 | 1 | 3 | 3 | 8.2 | |
| 3 Containment | 0 15 | 1 | 15 | 15 | 8.3 | |
| 4 Waste Characteristics Toxicity | 0 1 2 3 | 5 | 15 | 15 | 8.4 | |
| 5 Targets | | | | | 8.5 | |
| Population Within a 1-Mile Radius | 0 1 2 3 4 5 | 4 | 8 | 20 | | |
| Distance to a Critical Habitat | 0 1 2 3 | 4 | 4 | 12 | | |
| Total Targets Score | | | 12 | 32 | | |
| 6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5 | | | 8,100 | 21,600 | | |
| 7 Divide line 6 by 21,600 and multiply by 100 | | | SDC = 37.5 | | | |

FIGURE 12
DIRECT CONTACT WORK SHEET

DRAFT

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

Facility Name: NAS Key West

Location: Key West, FL

Site 2, Transformer Oil Disposal Area - Truman Annex

GROUNDWATER ROUTE

1 OBSERVED RELEASE [score = 0]

Contaminants detected (five maximum):

- No evidence of release of a substance of concern to ground water has been recorded.

Rationale for attributing the contaminants to the facility:

- NA*

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern [score = 0]

Name or description of aquifer(s) of concern:

- Hawthorn Formation - Suwannee Limestone

Depth(s) from the ground surface to the highest seasonal level of the saturated zone (water table(s)) of the aquifer of concern:

- Deeper than 900 feet

Depth from the ground surface to the lowest point of waste disposal or storage:

- \approx 5 feet.

* NA = not applicable

Net Precipitation [score = 2]

Mean annual or seasonal precipitation (list months for seasonal):

40"

Mean annual lake or seasonal evaporation (list months for seasonal):

30" ($\approx 70\%$ of mean annual precipitation)

Net precipitation (subtract the above figures):

10"

Permeability of Unsaturated Zone [score = 3]

Soil type in unsaturated zone:

- Miami Oolite soil. [Gravel has been added and compacted.]

Permeability associated with soil type:

- [Highly permeable oolite (calcium carbonate and tiny oolids or spherical calcareous grains) soil and subsoil.] Soil has been compacted used as a parking lot, and its porosity and permeability have been substantially reduced.

Physical State [score = 3]

Physical state of substances at time of disposal (or at present time for generated gases):

- Liquid (dielectric fluid from transformers) at time (mid-1950s to 1970) of disposal.

3 CONTAINMENT [score = 3]

Method(s) of waste or leachate containment evaluated:

- No containment. Open to run-off and leaching.

Method with highest score:

- Unsound surface impoundment; highly permeable underground.

4 WASTE CHARACTERISTICS

Toxicity and Persistence [score = 18]

Compound(s) evaluated:

- Primarily, polychlorinated biphenyls (PCBs).

Compound with highest score:

- PCBs

Hazardous Waste Quantity [score = 2]

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (give a reasonable estimate even if quantity is above maximum):

- 2 80 drums

Basis of estimating and/or computing waste quantity:

- A 1982 inventory listed 3100 gallons of PCB fluids in NAS Key West
- Estimated for the 1950-1970 period a disposition of 200 gallons per annum, it could be approximately (4,000 gallons) 80 drums disposed of at the site.

5 TARGETS**Groundwater Use [score = 3]****Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:**

- No fresh water wells exist at NAS Key West. The produced water from the well at Key West (which comes from the under the area aquifer) is not potable. It is used for commercial and recreational purposes.

Distance to Nearest Well [score = 24]**Location of nearest well drawing from aquifer of concern of occupied building not served by a public water supply:**

- Key West well.

Distance to above well or building:

- Less than one mile from the well. (score = 3)

Population Served by Groundwater Wells within a 3-Mile Radius**Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:**

- Key West well; less than 3,000 people.

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and conversion to population (1.5 people per acre):

- NA

Total population served by groundwater within a 3-mile radius:

- Less than 3,000 people.

(score = 3)

SURFACE WATER ROUTE**1 OBSERVED RELEASE [score = 0]**

Contaminants detected in surface water at the facility or downhill from it (five maximum):

- No direct evidence of release of contaminants to surface water.

Rationale for attributing the contaminants to the facility:

- Contaminants were disposed of at this site.

2 ROUTE CHARACTERISTICS [score = 0]**Facility Slope and Intervening Terrain**

Average slope of facility in percent:

- Less than 3% ; about flat.

Name or description of nearest downslope surface water:

- Adjacent south and west areas are bordered by the Atlantic Ocean (Gulf of Mexico) and their downslope is toward the sea water.

Average slope of terrain between facility and above-cited surface water body in percent:

- Less than 3%.

Is the facility located either totally or partially in surface water?

- It is located a few feet above the sea level.

Is the facility completely surrounded by areas of higher elevation?

- No

1-Year 24-Hour Rainfall in Inches [score = 3]

- Approximately 4".

Distance to Nearest Downslope Surface Water [score = 6]

- Adjacent is the sea water

Physical State of Waste [score = 3]

- Liquids

3 CONTAINMENT [score = 3]

Method(s) of waste or leachate containment evaluated:

- None. The site was an open disposal area; a parking lot.

Method with highest score:

4 WASTE CHARACTERISTICS**Toxicity and Persistence [score = 18]**

Compound(s) evaluated:

- Polychlorinated biphenyls (PCBs)

Compound with highest score:

- PCBs

Hazardous Waste Quantity [score = 2]

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (give a reasonable estimate even if quantity is above maximum):

≈ 80 drums of PCBs fluids were disposed during 1950-1970.

Basis of estimating and/or computing waste quantity:

- A 1982 inventory listed 3100 gallons of PCB fluids in NAS-Key West
- Estimated for the 1950-1970 period a disposition of 200 gallons per annum, it could be approximately (4,000 gallons) 80 drums disposed of at the site.

5 TARGETS**Surface Water Use [score = 6]**

Use(s) of surface water within 3 miles downstream of the hazardous substance:

- Locally, the surface runoff water from the site is not used; it goes to the sea, which is used for recreation.

.. Is there tidal influence?

- Yes.

Distance to a Sensitive Environment [score = 6]

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less: 2 1/2 mi

- In the immediate area are the Great White Heron Wildlife Refuge and the Key West National Wildlife Refuge. The surface waters within these areas are classified as Outstanding Florida Waters and are afforded the highest protection by the State

Distance to 5-acre (minimum) freshwater wetland, if 1 mile or less:

NA

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

- Within a mile.

Population Served by Surface Water [score = 0]

Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake:

- No surface water is used.

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

NA

Total population served:

NA

Name or description of nearest of above water bodies:

NA

Distance to above-cited intakes, measured in stream miles:

NA

AIR ROUTE

1 OBSERVED RELEASE [score = 0]**Contaminants detected:**

- No information was found to indicate that any measurements of air contamination sufficient for HRS scoring purposes have been made.

Date and location of detection of contaminants:

NA

Methods used to detect the contaminants:

NA

Rationale for attributing the contaminants to the site:

NA

2 WASTE CHARACTERISTICS**Reactivity and Incompatibility****Most reactive compound:**

NA

Most incompatible pair of compounds:

NA

Toxicity

Most toxic compound:

NA

Hazardous Waste Quantity

Total quantity of hazardous waste:

NA

Basis of estimating and/or computing waste quantity:

NA

3 TARGETSPopulation Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

0-4 mi

0-1 mi

0-1/2 mi

0-1/4 mi

NA

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

NA

Distance to 5-acre (minimum) freshwater wetland, if 1 mile or less:

NA

Distance to critical habitat of an endangered species, if 1 mile or less:

NA

Land Use

Distance to commercial/industrial area, if 1 mile or less:

NA

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

NA

Distance to residential area, if 2 miles or less:

NA

Distance to agricultural land in production within past 5 years, if 1 mile or less:

NA

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

NA

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

NA

FIRE AND EXPLOSION

1 CONTAINMENT [score = 1]

Hazardous substances present:

- No hazardous substances that could catch fire or explode are present in the site.
- A fire marshal has not certified that the site presents a significant threat.

Type of containment, if applicable:

NA

2 WASTE CHARACTERISTICS

Direct Evidence

Type of instrument and measurements:

NA

Ignitability

Compound used:

NA

Reactivity

Most reactive compound:

NA

Incompatibility

Most incompatible pair of compounds:

NA

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility:

NA

Basis of estimating and/or computing waste quantity:

NA

3 TARGETS

Distance to Nearest Population

NA

Distance to Nearest Building

NA

Distance to Sensitive Environment

Distance to wetlands:

NA

Distance to critical habitat:

NA

Land Use

Distance to commercial/industrial area, if 1 mile or less:

NA

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

NA

Distance to residential area, if 2 miles or less:

NA

Distance to agricultural land in production within past 5 years, if 1 mile or less:

NA

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

NA

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

NA

Population within 2-Mile Radius

NA

Buildings within 2-Mile Radius

NA

DIRECT CONTACT**1 OBSERVED INCIDENT [score = 0]**

Date, location, and pertinent details of incident:

- There is no information of any direct contact incidents.

2 ACCESSIBILITY [score = 3]

Describe type of barrier(s):

Barriers do not surround the site.

3 CONTAINMENT [score = 15]

Type of containment, if applicable:

The site is an old open transformer-oil disposal area.
No containment exists there.

4 WASTE CHARACTERISTICS [score = 3]**Toxicity**

Compounds evaluated:

- Primarily, polychlorinated biphenyls (PCBs).

Compound with highest score:

- PCBs

5 TARGETS

Population within 1-Mile Radius [score = 2]

- Less than 1000.

Distance to Critical Habitat of Endangered Species [score = 1]

- Less than 1 mile.

APPENDIX C

SITE INSPECTION REPORT FOR SITE 6



Potential Hazardous Waste Site

Site Inspection Report

A large, grainy, black and white image at the bottom of the page, possibly representing a site photograph or a heavily degraded scan of a document page. It is mostly indistinct due to the high level of noise and contrast.



Site Inspection Report



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I IDENTIFICATION
01 STATE FL 02 SITE NUMBER 6

II. SITE NAME AND LOCATION

| | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|----------------------|-----------------------|---------------------|
| 01 SITE NAME (Legal, former or descriptive name of site) Naval Air Station, Key West, Site 6 | | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Dredgers Key Refuse Area | | | |
| 03 CITY Key West | | 04 STATE FL | 05 ZIP CODE 33042 | 06 COUNTY Monroe | |
| 08 COORDINATES LATITUDE 24° 34' - 50" | | LONGITUDE 81° - 46' - 30" | | 07 COUNTY CODE 087 | 09 CONC. YEAR 19 |
| 10 TYPE OF OWNER (Check one) <input type="checkbox"/> A. PRIVATE <input checked="" type="checkbox"/> B. FEDERAL Navy <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER | | | | | |

III. INSPECTION INFORMATION

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|---------|
| 01 DATE OF INSPECTION 7 / 18 / 89 MONTH DAY YEAR | 02 SITE STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> INACTIVE | 03 YEARS OF OPERATION Approx. 1942 1948 BEGINNING YEAR ENDING YEAR | | UNKNOWN |
| 04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input checked="" type="checkbox"/> G. OTHER IT Corp. | | | | |

| | | | |
|-------------------------------------------------------|-----------------------------------|-----------------------------|------------------------------------|
| 06 CHIEF INSPECTOR Robert Stephens | 08 TITLE Project Manager | 07 ORGANIZATION IT Corp. | 04 TELEPHONE NO. (813) 622-7174 |
| 09 OTHER INSPECTORS Mark Hampton | 10 TITLE Sr. Project Scientist | 11 ORGANIZATION IT Corp. | 12 TELEPHONE NO. (813) 622-7174 |
| | | | () |
| | | | () |
| | | | () |
| | | | () |
| 13 SITE REPRESENTATIVES INTERVIEWED John Lamborsor | 14 TITLE Eng. Tech. | 15 ADDRESS NAS Key West | 16 TELEPHONE NO. () |
| Hunter G. Hardin | Civilian | Key West | () |
| | | | () |
| | | | () |
| | | | () |
| | | | () |
| | | | () |

| | | |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|
| 17 ACCESS GAINED BY <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT | 18 TIME OF INSPECTION visual site inspection | 19 WEATHER CONDITIONS Sunny & hot |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|

IV. INFORMATION AVAILABLE FROM

| | | | | |
|------------------------------------------------------------------------------------|---------------------------------|-----------------------------|------------------------------------|------------------------------------------|
| 01 CONTACT William G. Hunt | 02 OFF. ADDRESS NAS Key West | | 03 TELEPHONE NO. 805 1292-2030 | |
| 04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Sally Musick and Robert Stephens | 05 AGENCY | 06 ORGANIZATION IT Corp. | 07 TELEPHONE NO. (813) 622-7174 | 08 DATE 7 / 25 / 89 MONTH DAY YEAR |



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| L IDENTIFICATION | |
|------------------|----------------|
| 01 STATE | 02 SITE NUMBER |
| FL | 6 |

| II. HAZARDOUS CONDITIONS AND INCIDENTS | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------|----------------------------------|
| 01 <input type="checkbox"/> A GROUNDWATER CONTAMINATION | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| The waste has been reportedly removed. No groundwater exists at the site. | | | |
| 01 <input type="checkbox"/> B SURFACE WATER CONTAMINATION | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| The waste has been reportedly removed. The site is a wetland and is overgrown with native vegetation. | | | |
| 01 <input type="checkbox"/> C CONTAMINATION OF AIR | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| The waste has been reportedly removed. There is no indication that ambient air is currently contaminated. | | | |
| 01 <input type="checkbox"/> D FIRE/EXPLOSIVE CONDITIONS | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| No explosive or volatile compounds are present at the site. | | | |
| 01 <input type="checkbox"/> E DIRECT CONTACT | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| There are no direct contact hazards since the waste has been reportedly removed. | | | |
| 01 <input type="checkbox"/> F CONTAMINATION OF SOIL | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 AREA POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| Some potential exists for soil contamination since materials were burned, but primarily non-hazardous materials were involved at this site. All waste has been reportedly removed. | | | |
| 01 <input type="checkbox"/> G DRINKING WATER CONTAMINATION | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| All drinking water at Key West is imported from Miami. There is no potential that this site could contaminate the drinking water. | | | |
| 01 <input type="checkbox"/> H WORKER EXPOSURE/INJURY | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 WORKERS POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| There is no occupational exposure associated with this site. | | | |
| 01 <input type="checkbox"/> I POPULATION EXPOSURE/INJURY | 02 <input type="checkbox"/> OBSERVED (DATE _____) | <input type="checkbox"/> POTENTIAL | <input type="checkbox"/> ALLEGED |
| 03 POPULATION POTENTIALLY AFFECTED: _____ | 04 NARRATIVE DESCRIPTION | | |
| Sigsbee Park Navy Housing Area is located adjacent to the site. All waste materials have been reportedly removed from the site. | | | |



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION
01 STATE 02 SITE NUMBER
FL 6

II. HAZARDOUS CONDITIONS AND INCIDENTS *Continued*

01 J. DAMAGE TO FLORA 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

None known

01 K. DAMAGE TO FAUNA 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION *(Include number of specimens)*

None known

01 L. CONTAMINATION OF FOOD CHAIN 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

None known

01 M. UNSTABLE CONTAINMENT OF WASTES 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
(Include amount, quantity, volume, & density of waste)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A

01 N. DAMAGE TO OFF-SITE PROPERTY 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

None observed

01 P. ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (DATE _____) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

Some small amount of construction debris was observed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

No other known hazards.

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

Substances burned were reportedly non-hazardous. Some small amounts of paints/thinners could have been burned, but they would subsequently be volatilized.

V. SOURCES OF INFORMATION *(Can include information on other sites, ongoing studies, etc.)*

- 1) John Lamborsor
- 2) Hunter Hardin
- 3) May 1985--Initial Assessment Study of NAS, Key West
- 4) Geraghty & Miller, Verification Study Assessment of Potential Groundwater Pollution at NAS Key West.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

| I. IDENTIFICATION | |
|-------------------|---------------------|
| 01 STATE FL | 02 SITE NUMBER 6 |

II. PERMIT INFORMATION none

| 01 TYPE OF PERMIT ISSUED <small>(Check all that apply)</small> | 02 PERMIT NUMBER | 03 DATE ISSUED | 04 EXPIRATION DATE | 05 COMMENTS |
|-------------------------------------------------------------------|------------------|----------------|--------------------|-------------|
| <input type="checkbox"/> A. HPOES | | | | |
| <input type="checkbox"/> B. UIC | | | | |
| <input type="checkbox"/> C. AIR | | | | |
| <input type="checkbox"/> D. RCRA | | | | |
| <input type="checkbox"/> E. RCRA INTERIM STATUS | | | | |
| <input type="checkbox"/> F. SPCC PLAN | | | | |
| <input type="checkbox"/> G. STATE <small>(Specify)</small> | | | | |
| <input type="checkbox"/> H. LOCAL <small>(Specify)</small> | | | | |
| <input type="checkbox"/> I. OTHER <small>(Specify)</small> | | | | |
| <input type="checkbox"/> J. NONE | | | | |

III. SITE DESCRIPTION

| 01 STORAGE/DEPOSAL <small>(Check all that apply)</small> | 02 AMOUNT | 03 UNIT OF MEASURE | 04 TREATMENT <small>(Check all that apply)</small> | 05 OTHER |
|------------------------------------------------------------|----------------|--------------------|------------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> A. SURFACE IMPONEMENT | _____ | _____ | <input type="checkbox"/> A. INCINERATION | <input type="checkbox"/> A. BUILDINGS ON SITE 0 |
| <input type="checkbox"/> B. PILES | _____ | _____ | <input type="checkbox"/> B. UNDERGROUND INJECTION | |
| <input type="checkbox"/> C. DRUMS, ABOVE GROUND | _____ | _____ | <input type="checkbox"/> C. CHEMICAL/PHYSICAL | <input type="checkbox"/> A. AREA OF SITE 20 |
| <input type="checkbox"/> D. TANK, ABOVE GROUND | _____ | _____ | <input type="checkbox"/> D. BIOLOGICAL | |
| <input type="checkbox"/> E. TANK, BELOW GROUND | _____ | _____ | <input type="checkbox"/> E. WASTE OR PROCESSING | |
| <input checked="" type="checkbox"/> F. LANDFILL | approx. 12,000 | tons | <input type="checkbox"/> F. SOLVENT RECOVERY | |
| <input type="checkbox"/> G. LANDFARM | total | _____ | <input type="checkbox"/> G. OTHER RECYCLING RECOVERY | |
| <input checked="" type="checkbox"/> H. OPEN DUMP | _____ | _____ | <input type="checkbox"/> H. OTHER <small>(Specify)</small> | |
| <input type="checkbox"/> I. OTHER <small>(Specify)</small> | _____ | _____ | N/A | |

07 COMMENTS
From the years of 1942-1948, approx. 1,000-2,000 tons/year of non-hazardous bulky refuse was disposed of here. Most of the refuse was burned. In 1948-1951, this fill material was removed to South Fleming Key and site was graded.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)
 A. ADEQUATE, SECURE B. MODERATE C. INADEQUATE, POOR D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DRUM LINES, BARRIERS, ETC.
No containment was used.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE YES NO
02 COMMENTS
Accessibility is possible but not likely. Area is restricted to Navy personnel.

VI. SOURCES OF INFORMATION (Check all sources used)

NEESA, 1985
Geraghty and Miller, 1987



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

| | |
|----------------|----------------|
| IDENTIFICATION | |
| 01 STATE | 07 SITE NUMBER |
| FL | 6 |

II. DRINKING WATER SUPPLY

| | | | | | | | |
|--------------------------------------------------------------------|--|--|-----------------------------|--|--|---------------------|--|
| 01 TYPE OF DRINKING SUPPLY <small>Circle all applicable</small> | | | 02 STATUS | | | 03 DISTANCE TO SITE | |
| N/A | | | N/A | | | | |
| SURFACE | | | ENDANGERED | | | A. 150 (ft) | |
| WELL | | | AFFECTED | | | B. _____ (ft) | |
| COMMUNITY | | | MONITORED | | | | |
| A. <input type="checkbox"/> | | | A. <input type="checkbox"/> | | | | |
| B. <input type="checkbox"/> | | | B. <input type="checkbox"/> | | | | |
| NON-COMMUNITY | | | C. <input type="checkbox"/> | | | | |
| C. <input type="checkbox"/> | | | D. <input type="checkbox"/> | | | | |
| D. <input type="checkbox"/> | | | E. <input type="checkbox"/> | | | | |
| | | | F. <input type="checkbox"/> | | | | |

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Circle all)

A. ONLY SOURCE FOR DRINKING
 B. DRINKING Other sources available
 C. COMMERCIAL INDUSTRIAL IRRIGATION Surface water available
 D. NOT USED, UNUSABLE
COMMERCIAL INDUSTRIAL IRRIGATION (No other water sources available)

| | | | |
|-----------------------------------------------------------------------|----------------------------------|--------------------------------------------|-------------------------------|
| 02 POPULATION SERVED BY GROUND WATER | | 03 DISTANCE TO NEAREST DRINKING WATER WELL | |
| 0 | | 150 (ft) | |
| 04 DEPTH TO GROUNDWATER | 05 DIRECTION OF GROUNDWATER FLOW | 06 DEPTH TO AQUIFER OF CONCERN | 07 POTENTIAL YIELD OF AQUIFER |
| 3 ft. (ft) | radial | N/A (ft) | N/A (gpm) |
| 08 SOLE SOURCE AQUIFER | | | |
| C YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | |

09 DESCRIPTION OF WELLS (including springs, seeps, and shallow wells in production and storage)

N/A

| | | | |
|----------------------------------------|-----------------|----------------------------------------|-----------------|
| 10 RECHARGE AREA | | 11 DISCHARGE AREA | |
| <input type="checkbox"/> YES | COMMENTS | <input type="checkbox"/> YES | COMMENTS |
| <input checked="" type="checkbox"/> NO | Man made island | <input checked="" type="checkbox"/> NO | Man made island |

IV. SURFACE WATER

01 SURFACE WATER USE (Circle all)

A. RESERVOIR, RECREATION, DRINKING WATER SOURCE
 B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES
 C. COMMERCIAL INDUSTRIAL
 D. NOT CURRENTLY USED

| | | |
|--------------------------------------------------|----------|-------------------------|
| 02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER | | |
| NAME | AFFECTED | DISTANCE TO SITE |
| The Gulf of Mexico | C | less than 0.1 mile (ft) |
| _____ | C | _____ (ft) |
| _____ | C | _____ (ft) |

V. DEMOGRAPHIC AND PROPERTY INFORMATION

| | | | |
|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 01 TOTAL POPULATION WITHIN | | | 02 DISTANCE TO NEAREST POPULATION |
| ONE (1) MILE OF SITE | TWO (2) MILES OF SITE | THREE (3) MILES OF SITE | |
| A. 1,500 | B. 3,020 | C. 3,020 | 100 ft. (ft) |
| <small>NO OF PERSONS</small> | <small>NO OF PERSONS</small> | <small>NO OF PERSONS</small> | |

| | |
|-----------------------------------------------------|------------------------------------------|
| 03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE | 04 DISTANCE TO NEAREST OFF-SITE BUILDING |
| 883 | 50 yds. (ft) |

05 POPULATION WITHIN VICINITY OF SITE (Provide approximate population of future or existing water users within 1/2, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100, 150, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 15000, 20000, 30000, 40000, 50000, 60000, 70000, 80000, 90000, 100000, 150000, 200000, 300000, 400000, 500000, 600000, 700000, 800000, 900000, 1000000, 1500000, 2000000, 3000000, 4000000, 5000000, 6000000, 7000000, 8000000, 9000000, 10000000, 15000000, 20000000, 30000000, 40000000, 50000000, 60000000, 70000000, 80000000, 90000000, 100000000, 150000000, 200000000, 300000000, 400000000, 500000000, 600000000, 700000000, 800000000, 900000000, 1000000000, 1500000000, 2000000000, 3000000000, 4000000000, 5000000000, 6000000000, 7000000000, 8000000000, 9000000000, 10000000000, 15000000000, 20000000000, 30000000000, 40000000000, 50000000000, 60000000000, 70000000000, 80000000000, 90000000000, 100000000000, 150000000000, 200000000000, 300000000000, 400000000000, 500000000000, 600000000000, 700000000000, 800000000000, 900000000000, 1000000000000, 1500000000000, 2000000000000, 3000000000000, 4000000000000, 5000000000000, 6000000000000, 7000000000000, 8000000000000, 9000000000000, 10000000000000, 15000000000000, 20000000000000, 30000000000000, 40000000000000, 50000000000000, 60000000000000, 70000000000000, 80000000000000, 90000000000000, 100000000000000, 150000000000000, 200000000000000, 300000000000000, 400000000000000, 500000000000000, 600000000000000, 700000000000000, 800000000000000, 900000000000000, 1000000000000000, 1500000000000000, 2000000000000000, 3000000000000000, 4000000000000000, 5000000000000000, 6000000000000000, 7000000000000000, 8000000000000000, 9000000000000000, 10000000000000000, 15000000000000000, 20000000000000000, 30000000000000000, 40000000000000000, 50000000000000000, 60000000000000000, 70000000000000000, 80000000000000000, 90000000000000000, 100000000000000000, 150000000000000000, 200000000000000000, 300000000000000000, 400000000000000000, 500000000000000000, 600000000000000000, 700000000000000000, 800000000000000000, 900000000000000000, 1000000000000000000, 1500000000000000000, 2000000000000000000, 3000000000000000000, 4000000000000000000, 5000000000000000000, 6000000000000000000, 7000000000000000000, 8000000000000000000, 9000000000000000000, 10000000000000000000, 15000000000000000000, 20000000000000000000, 30000000000000000000, 40000000000000000000, 50000000000000000000, 60000000000000000000, 70000000000000000000, 80000000000000000000, 90000000000000000000, 100000000000000000000, 150000000000000000000, 200000000000000000000, 300000000000000000000, 400000000000000000000, 500000000000000000000, 600000000000000000000, 700000000000000000000, 800000000000000000000, 900000000000000000000, 1000000000000000000000, 1500000000000000000000, 2000000000000000000000, 3000000000000000000000, 4000000000000000000000, 5000000000000000000000, 6000000000000000000000, 7000000000000000000000, 8000000000000000000000, 9000000000000000000000, 10000000000000000000000, 15000000000000000000000, 20000000000000000000000, 30000000000000000000000, 40000000000000000000000, 50000000000000000000000, 60000000000000000000000, 70000000000000000000000, 80000000000000000000000, 90000000000000000000000, 100000000000000000000000, 150000000000000000000000, 200000000000000000000000, 300000000000000000000000, 400000000000000000000000, 500000000000000000000000, 600000000000000000000000, 700000000000000000000000, 800000000000000000000000, 900000000000000000000000, 1000000000000000000000000, 1500000000000000000000000, 2000000000000000000000000, 3000000000000000000000000, 4000000000000000000000000, 5000000000000000000000000, 6000000000000000000000000, 7000000000000000000000000, 8000000000000000000000000, 9000000000000000000000000, 10000000000000000000000000, 15000000000000000000000000, 20000000000000000000000000, 30000000000000000000000000, 40000000000000000000000000, 50000000000000000000000000, 60000000000000000000000000, 70000000000000000000000000, 80000000000000000000000000, 90000000000000000000000000, 100000000000000000000000000, 150000000000000000000000000, 200000000000000000000000000, 300000000000000000000000000, 400000000000000000000000000, 500000000000000000000000000, 600000000000000000000000000, 700000000000000000000000000, 800000000000000000000000000, 900000000000000000000000000, 1000000000000000000000000000, 1500000000000000000000000000, 2000000000000000000000000000, 3000000000000000000000000000, 4000000000000000000000000000, 5000000000000000000000000000, 6000000000000000000000000000, 7000000000000000000000000000, 8000000000000000000000000000, 9000000000000000000000000000, 10000000000000000000000000000, 15000000000000000000000000000, 20000000000000000000000000000, 30000000000000000000000000000, 40000000000000000000000000000, 50000000000000000000000000000, 60000000000000000000000000000, 70000000000000000000000000000, 80000000000000000000000000000, 90000000000000000000000000000, 100000000000000000000000000000, 150000000000000000000000000000, 200000000000000000000000000000, 300000000000000000000000000000, 400000000000000000000000000000, 500000000000000000000000000000, 600000000000000000000000000000, 700000000000000000000000000000, 800000000000000000000000000000, 900000000000000000000000000000, 1000000000000000000000000000000, 1500000000000000000000000000000, 2000000000000000000000000000000, 3000000000000000000000000000000, 4000000000000000000000000000000, 5000000000000000000000000000000, 6000000000000000000000000000000, 7000000000000000000000000000000, 8000000000000000000000000000000, 9000000000000000000000000000000, 10000000000000000000000000000000, 15000000000000000000000000000000, 20000000000000000000000000000000, 30000000000000000000000000000000, 40000000000000000000000000000000, 50000000000000000000000000000000, 60000000000000000000000000000000, 70000000000000000000000000000000, 80000000000000000000000000000000, 90000000000000000000000000000000, 100000000000000000000000000000000, 150000000000000000000000000000000, 200000000000000000000000000000000, 300000000000000000000000000000000, 400000000000000000000000000000000, 500000000000000000000000000000000, 600000000000000000000000000000000, 700000000000000000000000000000000, 800000000000000000000000000000000, 900000000000000000000000000000000, 1000000000000000000000000000000000, 1500000000000000000000000000000000, 2000000000000000000000000000000000, 3000000000000000000000000000000000, 4000000000000000000000000000000000, 5000000000000000000000000000000000, 6000000000000000000000000000000000, 7000000000000000000000000000000000, 8000000000000000000000000000000000, 9000000000000000000000000000000000, 10000000000000000000000000000000000, 15000000000000000000000000000000000, 20000000000000000000000000000000000, 30000000000000000000000000000000000, 40000000000000000000000000000000000, 50000000000000000000000000000000000, 60000000000000000000000000000000000, 70000000000000000000000000000000000, 80000000000000000000000000000000000, 90000000000000000000000000000000000, 100000000000000000000000000000000000, 150000000000000000000000000000000000, 200000000000000000000000000000000000, 300000000000000000000000000000000000, 400000000000000000000000000000000000, 500000000000000000000000000000000000, 600000000000000000000000000000000000, 700000000000000000000000000000000000, 800000000000000000000000000000000000, 900000000000000000000000000000000000, 1000000000000000000000000000000000000, 1500000000000000000000000000000000000, 2000000000000000000000000000000000000, 3000000000000000000000000000000000000, 4000000000000000000000000000000000000, 5000000000000000000000000000000000000, 6000000000000000000000000000000000000, 7000000000000000000000000000000000000, 8000000000000000000000000000000000000, 9000000000000000000000000000000000000, 10000000000000000000000000000000000000, 15000000000000000000000000000000000000, 20000000000000000000000000000000000000, 30000000000000000000000000000000000000, 40000000000000000000000000000000000000, 50000000000000000000000000000000000000, 60000000000000000000000000000000000000, 70000000000000000000000000000000000000, 80000000000000000000000000000000000000, 90000000000000000000000000000000000000, 100000000000000000000000000000000000000, 150000000000000000000000000000000000000, 200000000000000000000000000000000000000, 300000000000000000000000000000000000000, 400000000000000000000000000000000000000, 500000000000000000000000000000000000000, 600000000000000000000000000000000000000, 700000000000000000000000000000000000000, 800000000000000000000000000000000000000, 900000000000000000000000000000000000000, 1000000000000000000000000000000000000000, 1500000000000000000000000000000000000000, 2000000000000000000000000000000000000000, 3000000000000000000000000000000000000000, 4000000000000000000000000000000000000000, 5000000000000000000000000000000000000000, 6000000000000000000000000000000000000000, 7000000000000000000000000000000000000000, 8000000000000000000000000000000000000000, 9000000000000000000000000000000000000000, 10000000000000000000000000000000000000000, 15000000000000000000000000000000000000000, 20000000000000000000000000000000000000000, 30000000000000000000000000000000000000000, 40000000000000000000000000000000000000000, 50000000000000000000000000000000000000000, 60000000000000000000000000000000000000000, 70000000000000000000000000000000000000000, 80000000000000000000000000000000000000000, 90000000000000000000000000000000000000000, 100000000000000000000000000000000000000000, 150000000000000000000000000000000000000000, 200000000000000000000000000000000000000000, 300000000000000000000000000000000000000000, 400000000000000000000000000000000000000000, 500000000000000000000000000000000000000000, 600000000000000000000000000000000000000000, 700000000000000000000000000000000000000000, 800000000000000000000000000000000000000000, 900000000000000000000000000000000000000000, 1000000000000000000000000000000000000000000, 1500000000000000000000000000000000000000000, 2000000000



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

IDENTIFICATION
01 STATE | 02 SITE NUMBER
FL | 6

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE Circle one

A. $10^{-9} - 10^{-8}$ cm/sec B. $10^{-8} - 10^{-7}$ cm/sec C. $10^{-7} - 10^{-6}$ cm/sec D. GREATER THAN 10^{-6} cm/sec

02 PERMEABILITY OF BEDROCK Circle one

A. IMPERMEABLE Less than 10^{-9} cm/sec B. RELATIVELY IMPERMEABLE $10^{-9} - 10^{-8}$ cm/sec C. RELATIVELY PERMEABLE $10^{-8} - 10^{-7}$ cm/sec D. VERY PERMEABLE Greater than 10^{-7} cm/sec

03 DEPTH TO BEDROCK

N/A * (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

surface-N/A (ft)

05 SOIL pH

N/A

06 NET PRECIPITATION

10 (in)

07 ONE YEAR 24 HOUR RAINFALL

3 (in)

08 SLOPE

3%

DIRECTION OF SITE SLOPE

none

TERRAIN AVERAGE SLOPE

3%

09 FLOOD POTENTIAL

SITE IS N/A YEAR FLOODPLAIN

10

SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS, if any

ESTUARINE

OTHER

A _____ (ft)

B. within site (ft)

12 DISTANCE TO CRITICAL HABITAT, if designated

1/2 (ft)

ENDANGERED SPECIES: White Heron

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS, NATIONAL STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A. 150 (ft)

B. 100 (ft)

C. _____ (ft) D. _____ (ft)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is a dredged man-made island in the Florida Keys, consisting of approximately 250 acres.

* Site is a dredged man-made island.

VII. SOURCES OF INFORMATION Can include reports or other data that support your results

NEESA, 1985

Geraghty and Miller, 1987



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
FL | 6

II. SAMPLES TAKEN

N/A

| SAMPLE TYPE | 01 NUMBER OF SAMPLES TAKEN | 02 SAMPLES SENT TO | 03 ESTIMATED DATE RESULTS AVAILABLE |
|---------------|----------------------------|--------------------|-------------------------------------|
| GROUNDWATER | | | |
| SURFACE WATER | | | |
| WASTE | | | |
| AIR | | | |
| RUNOFF | | | |
| SPILL | | | |
| SOIL | | | |
| VEGETATION | | | |
| OTHER | | | |

III. FIELD MEASUREMENTS TAKEN

N/A

| 01 TYPE | 02 COMMENTS |
|---------|-------------|
| | |
| | |
| | |
| | |
| | |

IV. PHOTOGRAPHS AND MAPS

| | |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 01 TYPE <input checked="" type="checkbox"/> GROUND <input checked="" type="checkbox"/> AERIAL | 02 IN CUSTODY OF <u>Robert Stephens and William Hunt</u> |
| 03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 04 LOCATION OF MAPS <u>IT Tampa Office and NAS Key West Public Works office</u> |

V. OTHER FIELD DATA COLLECTED

None

VI. SOURCES OF INFORMATION

Stated maps and pictures



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

IDENTIFICATION
01 STATE 02 SITE NUMBER
FL 6

II. ON-SITE GENERATOR

| | | | |
|----------------------------------------------|---------------|-------------|--|
| 01 NAME N/A | 02 D-8 NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | | |
| 06 CITY | 08 STATE | 07 ZIP CODE | |

III. OFF-SITE GENERATOR(S)

| | | | | | |
|----------------------------------------------|---------------|----------------------------------------------|---------------|----------|-------------|
| 01 NAME | 02 D-8 NUMBER | 01 NAME | 02 D-8 NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | | |
| 06 CITY | 08 STATE | 07 ZIP CODE | 06 CITY | 08 STATE | 07 ZIP CODE |
| 01 NAME | 02 D-8 NUMBER | 01 NAME | 02 D-8 NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | | |
| 06 CITY | 08 STATE | 07 ZIP CODE | 06 CITY | 08 STATE | 07 ZIP CODE |

IV. TRANSPORTER(S)

| | | | | | |
|----------------------------------------------|---------------|----------------------------------------------|---------------|----------|-------------|
| 01 NAME N/A | 02 D-8 NUMBER | 01 NAME | 02 D-8 NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | | |
| 06 CITY | 08 STATE | 07 ZIP CODE | 06 CITY | 08 STATE | 07 ZIP CODE |
| 01 NAME | 02 D-8 NUMBER | 01 NAME | 02 D-8 NUMBER | | |
| 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | 03 STREET ADDRESS (P.O. Box, APO, FPO, etc.) | 04 SIC CODE | | |
| 06 CITY | 08 STATE | 07 ZIP CODE | 06 CITY | 08 STATE | 07 ZIP CODE |

V. SOURCES OF INFORMATION (Can generate information, if it seems like additional information is needed)

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART B - OPERATOR INFORMATION

L IDENTIFICATION

01 STATE | 02 SITE NUMBER
FL | 6

| II. CURRENT OPERATOR <small>(Provide a different form number)</small> | | | | OPERATOR'S PARENT COMPANY <small>(if applicable)</small> | | | |
|-------------------------------------------------------------------------------------------------------------|--|-------------------------------------|-------------|---------------------------------------------------------------------|--|---------------|-------------|
| 01 NAME N/A | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY | | 06 STATE | 07 ZIP CODE | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER | | | | | |
| III. PREVIOUS OPERATOR(S) <small>(List those whose sites showed any difference from current)</small> | | | | PREVIOUS OPERATORS' PARENT COMPANIES <small>(if applicable)</small> | | | |
| 01 NAME | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY | | 06 STATE | 07 ZIP CODE | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER DURING THIS PERIOD | | | | | |
| 01 NAME | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY | | 06 STATE | 07 ZIP CODE | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER DURING THIS PERIOD | | | | | |
| 01 NAME | | 02 D-8 NUMBER | | 10 NAME | | 11 D-8 NUMBER | |
| 03 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 04 SIC CODE | | 12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small> | | 13 SIC CODE | |
| 05 CITY | | 06 STATE | 07 ZIP CODE | 14 CITY | | 15 STATE | 16 ZIP CODE |
| 08 YEARS OF OPERATION | | 09 NAME OF OWNER DURING THIS PERIOD | | | | | |
| IV. SOURCES OF INFORMATION <small>(Can include references, e.g., state files, other agencies, etc.)</small> | | | | | | | |
| | | | | | | | |



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION
01 STATE 02 SITE NUMBER
FL 6

K. PAST RESPONSE ACTIVITIES None

01 A. WATER SUPPLY CLOSED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION ..

01 B. TEMPORARY WATER SUPPLY PROVIDED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 C. PERMANENT WATER SUPPLY PROVIDED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 D. SPILLED MATERIAL REMOVED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 E. CONTAMINATED SOIL REMOVED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 F. WASTE REPACKAGED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 G. WASTE DISPOSED ELSEWHERE 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 H. ON SITE BURIAL 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 I. IN SITU CHEMICAL TREATMENT 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 J. IN SITU BIOLOGICAL TREATMENT 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 K. IN SITU PHYSICAL TREATMENT 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 L. ENCAPSULATION 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 M. EMERGENCY WASTE TREATMENT 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 N. CUTOFF WALLS 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 O. EMERGENCY DIKING/SURFACE WATER DIVERSION 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 P. CUTOFF TRENCHES/SUMP 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 Q. SUBSURFACE CUTOFF WALL 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION
01 STATE 02 SITE NUMBER
FL 6

II PAST RESPONSE ACTIVITIES *(continued)* None

| | | |
|---------------------------------------------------------------------------|---------------|-----------------|
| 01 <input type="checkbox"/> R BARRIER WALLS CONSTRUCTED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> S CAPPING/COVERING 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> T BULK TANKAGE REPAIRED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> U GROUT CURTAIN CONSTRUCTED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> V BOTTOM SEALED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> W GAS CONTROL 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> X FIRE CONTROL 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> Y LEACHATE TREATMENT 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> Z AREA EVACUATED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> 1 ACCESS TO SITE RESTRICTED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> 2 POPULATION RELOCATED 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> 3 OTHER REMEDIAL ACTIVITIES 04 DESCRIPTION | 02 DATE _____ | 03 AGENCY _____ |

III SOURCES OF INFORMATION *(Can include responses to 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100)*



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

L IDENTIFICATION

| | |
|----------|----------------|
| 01 STATE | 02 SITE NUMBER |
| ET | 6 |

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION YES NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

None

III. SOURCES OF INFORMATION ONE SOURCE: FEDERAL, STATE, LOCAL, OR OTHER AGENCY OFFICE RECORDS

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

General Information

The Potential Hazardous Waste Site, Site Inspection Report form is used to record information collected during, or associated with, an inspection of the site and other information about responsible parties and past response activities.

The Site Inspection Report form contains eleven parts:

- Part 1 - Site Location and Inspection Information
- Part 2 - Waste Information
- Part 3 - Description of Hazardous Conditions and Incidents
- Part 4 - Permit and Descriptive Information
- Part 5 - Water, Demographic, and Environmental Data
- Part 6 - Sample and Field Information
- Part 7 - Owner Information
- Part 8 - Operator Information
- Part 9 - Generator/Transporter Information
- Part 10 - Past Response Activities
- Part 11 - Enforcement Information

Part 1 - Site Location and Inspection Information contains all of the data elements also contained on the Site Identification and Preliminary Assessment forms required to add a site to the automated Site Tracking System (STS). It is therefore possible to add a site to STS at the Site Inspection stage. Instructions are given below.

Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents are used to record specific information about substances, amounts, hazards, and targets, e.g., population potentially affected. Parts 2 and 3 are also contained in the Potential Hazardous Waste Site, Preliminary Assessment form. Information recorded on Part 2 and Part 3 during a preliminary assessment may be updated, added, deleted, or corrected on the Site Inspection Report form.

An Appendix with feedstock names and CAS Numbers and the most frequently cited hazardous substances and CAS Numbers is located behind the instructions for the Site Inspection Report.

A number of the data items collected throughout the Site Inspection Report support the Site Ranking Model. The majority of these data items are found in Part 5 - Water, Demographic, and Environmental Data.

General Instructions

1. Complete the Site Inspection Report form as completely as possible.
2. Starred items (*) are required before inspection information can be added to STS. The system will not accept incomplete inspection information.
3. To add a site to STS at the Site Inspection stage, write "New" across the top of the form and complete items 11-01, 02, 03, 04, and 06, Site Name and Location, 11-09 Coordinates, and 11-10, Type of Ownership.
4. Data items carried in STS, which are identical to those on the Site Identification and Preliminary Assessment forms and which can be added, deleted, or changed using the

Site Inspection Report form, are indicated with a pound sign (#). To ensure that the proper action is taken, outline the item(s) to be added, deleted, or changed with a bright color and indicate the proper action with "A" (add), "D" (delete) or "C" (change).

5. There are two options available for adding, deleting, or changing information supplied on the Site Inspection Report form. The first is to use a new Site Inspection Report form, completing only those items to be added, deleted, or changed. Mark the form clearly, using "A", "D", or "C", to indicate the action to be taken. If only data in STS are to be altered, the Site Source Data Report may be used. Using the report, mark clearly the items to be changed and the action to be taken.

Detailed Instructions

Part 1 Site Location and Inspection Information

- I. Identification: Identification (State and Site Number) is the site record key, or primary identifier, for the site. Site records in the STS are updated based on Identification. It is essential that State and Site Number are correctly entered on each form.
 - *1-01 State: Enter the two character alpha FIPS code for the state in which the site is located. It must be identical to State on the Site Identification form.
 - *1-02 Site Number: Enter the ten character alphanumeric code for sites which have a Dun and Bradstreet or EPA "user" Dun and Bradstreet number or the ten character numeric GSA identification code for federal sites. The Site Number must be identical to the Site Number on the Site Identification and Preliminary Assessment forms.
- II. Site Name and Location: If Site Name and Location information require no additions or changes, these items are not required on the Site Inspection Report form. However, completing these items will facilitate use of the completed form and records management procedures.
 - #11-01 Site Name: Enter the legal, common, or descriptive name of the site.
 - #11-02 Site Street: Enter the street address and number (if appropriate) where the site is located. If the precise street address is unavailable for this site, enter brief direction identifier, e.g., NW Jct I-295 & US 99; Post Rd, 5 mi W of Rt. 5.
 - #11-03 Site City: Enter the city, town, village, or other municipality in which the site is located. If the site is not located in a municipality, enter the name of the municipality (or place) which is nearest the site or which most easily locates the site.
 - #11-04 Site State: Enter the two character alpha FIPS code for the state in which the site is located. The code must be the same as in item 1-01.
 - #11-05 Site Zip Code: Enter the five character numeric zip code for the postal zone in which the site is located.

- III-06 Site County: Enter the name of the county, parish (Louisiana), or borough (Alaska) in which the site is located.
- III-07 County Code: Enter the three character numeric FIPS county code for the county, parish, or borough in which the site is located. (The regional data analyst can furnish this data item.)
- III-08 Site Congressional District: Enter the two character number for the congressional district in which the site is located.
- * III-09 Coordinates: Enter the Coordinates, Latitude and Longitude, of the site in degrees, minutes, seconds, and tenths of seconds. If a tenth of a second is insignificant at this site, enter "0" in the tenths position.
- III-10 Type of Ownership: Check the appropriate box to indicate the type of site ownership. If the site is under the jurisdiction of an activity of the federal government, enter the name of the department, agency, or activity. If Other is indicated, specify the type of ownership and name.
- III. Inspection Information
- * III-01 Date of Inspection: Enter the date the inspection occurred, or began for multiple day inspections.
- * III-02 Site Status: Check the appropriate box(es) to indicate the current status of the site. Active sites are those which treat, store, or dispose of wastes. Check Active for those active sites with an inactive storage or disposal area. Inactive sites are those at which treatment, storage, or disposal activities no longer occur.
- III-03 Years of Operation: Enter the beginning and ending years (or beginning only if operations at the site are on-going), e.g., 1878/1932, of site operation. Check Unknown if years of operation are not known.
- * III-04 Agency Performing Inspection: Check the appropriate box(es) to indicate parties participating in the inspection. If contractors participate, provide the name of the firm(s).
- III-05 Chief Inspector: Enter the name of the chief, or lead inspector.
- III-06 Title: Enter the Chief Inspector's title, e.g., Team Leader, FIT team.
- III-07 Organization: Enter the name of the organization where the Chief Inspector is employed, e.g., EPA - Region 4, VA State Health Dept., Environmental Research Co.
- III-08 Telephone Number: Enter the Chief Inspector's area code and local commercial telephone number.
- III-09 Other Inspectors: Enter the names of other parties participating in the inspection.
- III-10 Title: Enter the titles of other parties participating in the inspection.
- III-11 Organization: Enter the names of the organizations where other parties participating in the inspection are employed.
- III-12 Telephone Number: Enter the area code and local commercial telephone numbers of other parties participating in the inspection.
- III-13 Site Representatives Interviewed: Enter the names of individuals representing responsible parties interviewed in connection with the inspection. Interviews do not necessarily occur during the inspection.
- III-14 Title: Enter the titles of the individuals interviewed.
- III-15 Address: Enter the business, mailing, or residential addresses of the individuals interviewed.
- III-16 Telephone Number: Enter the area code and local commercial telephone numbers of the individuals interviewed.
- III-17 Access Gained By: Check the appropriate box to indicate whether access to the site was gained through permission or warrant.
- III-18 Time of Inspection: Using a 24-hour clock, enter the time the inspection began, e.g., for 3:24 p.m. enter 1524.
- III-19 Weather Conditions: Describe the weather conditions during the site inspection, especially any unusual conditions which might affect results or observations taken.
- IV. Information Available From
- IV-01 Contact: Enter the name of the individual who can provide information about the site.
- IV-02 Of: If appropriate, enter the name of the public or private agency, firm, or company and the organization within the agency, firm, or company of the individual named as Contact.
- IV-03 Telephone Number: Enter the area code and local telephone number of the individual named as contact.
- IV-04 Person Responsible for Site Inspection Report Form: Enter the name of the individual who was responsible for the information entered on the Site Inspection Report form. The person responsible for the Site Inspection Report form may be different from the individual who prepared the form.
- IV-05 Agency: Enter the name of the Agency where the individual who is responsible for the Site Inspection Report form is employed.
- IV-06 Organization: Enter the name of the organization within the Agency.
- IV-07 Telephone Number: Enter the area code and local telephone number of the individual who is responsible for the Site Inspection Report form.
- IV-08 Date: Enter the date the Site Inspection Report form was prepared.
- Part 2 Waste Information
- * I. Identification: Refer to Part 1-1.
- II. Waste Status, Quantities, and Characteristics: Waste Status, Quantities, and Characteristics provide information about the physical structure and form of the waste, measures of gross amounts at the site, and the hazards posed by the waste, considering acute and chronic health effects and mobility along a pathway.

- *II-01 Physical States: Check the appropriate box(es) to indicate the state(s) of waste present at the site. If Other is indicated, specify the physical state of the waste.
- *II-02 Waste Quantity at Site: Enter estimates of amounts of waste at the site. Estimates may be in weight (Tons) or volume (Cubic Yards or Number of Drums). Use as many entries as are appropriate; however, measurements must be independent. For example, do not measure the same amounts of waste as both tons and cubic yards.
- *II-03 Waste Characteristics: Check all appropriate entries to indicate the hazards posed by waste at the site. If waste at the site poses no hazard, check Not Applicable.
- III. Waste Category: General categories of waste typically found are listed here. Enter the estimated gross amount of each category of waste and the appropriate unit of measure.
- *III-01 Gross Amount: Gross Amount is the estimate of the amount of the waste category found at the site. Estimates should be furnished in metric tons (MT), tons (TN), cubic meters (CM), cubic yards (CY), drums (DR), acres (AC), acre feet (AF), liters (LT), or gallons (GA). Enter the estimated amount next to the appropriate waste category.
- *III-02 Unit of Measure: Enter the appropriate unit of measure, MT (metric tons), TN (tons), CM (cubic meters), CY (cubic yards), DR (number of drums), AC (acres), AF (acre feet), LT (liters), or GA (gallons) next to the estimate of gross amount.
- III-03 Comments: Comments may be used to further explain, or provide additional information, about particular waste categories.
- IV. Hazardous Substances: Specific hazardous, or potentially hazardous, chemicals, mixtures, and substances found at the site are listed here. For each substance listed those data items marked with an "at" sign (@) must be included.
- @IV-01 Category: Enter in front of the substance name the three character waste category from Section III which best describes the substance, e.g., OLW (Oily Waste).
- @IV-02 Substance Name: Enter one of the following: the name of the substance registered with the Chemical Abstract Service, the common or accepted abbreviation of the substance, the generic name of the substance, or commercial name of the substance.
- @IV-03 CAS Number: Enter the number assigned to the substance when it was registered with the Chemical Abstract Service. Refer to the Appendix for most frequently cited CAS Numbers. CAS Numbers must be furnished for each substance listed. If a CAS Number for this substance has not been assigned, enter "999".
- @IV-04 Storage/Disposal Method: Enter the type of storage or disposal facility in which the substance was found: SI (surface impoundment, including pits, ponds, and lagoons), PL (pile), DR (drum), TK (tank), LF (landfill), LM (landfarm), OD (open dump).
- IV-05 Concentration: Enter the concentration of the substance found in samples taken at the site.
- IV-06 Measure of Concentration: Enter the appropriate unit of measure for the measured concentration of the substance found in the sample, e.g., MG/L, UG/L.
- V. Feedstocks
- V-01 Feedstock Name: If feedstocks, or substances derived from one or more feedstocks, are present at the site, enter the name of each feedstock found. See the Appendix for the feedstock list.
- V-02 CAS Number: Enter the CAS Number for each feedstock named. See the Appendix for feedstock CAS Numbers.
- VI. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.
- Part 3 Description of Hazardous Conditions and Incidents
- *I. Identification: Refer to Part 1-1.
- II. Hazardous Conditions and Incidents:
- II-01 Hazards: Indicate each hazardous, or potentially hazardous, condition known, or claimed, to exist at the site.
- II-02 Observed, Potential, or Alleged: Check Observed and enter the date, or approximate date, of occurrence if a release of contaminants to the environment, or some other hazardous incident, is known to have occurred. In cases of a continuing release, e.g., groundwater contamination, enter the date, or approximate date, the condition first became apparent. If conditions exist for a potential release, check potential. Check Alleged for hazardous, or potentially hazardous, conditions claimed to exist at the site.
- II-03 Population Potentially Affected: For each hazardous condition at the site, enter the number of people potentially affected. For Soil enter the number of acres potentially affected.
- II-04 Narrative Description: Provide a narrative description, or explanation, of each condition. Include any additional information which further explains the condition.
- II-05 Description of Any Other Known, Potential, or Alleged Hazards: Provide a narrative description of any other hazardous, or potentially hazardous, conditions at the site not covered above.
- III. Total Population Potentially Affected: Enter the total number of people potentially affected by the existence of hazardous, or potentially hazardous, conditions at the site. Do not sum the numbers shown for each condition.
- IV. Comments: Other information relevant to observed, potential, or alleged hazards may be entered here.

V. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 4 Permit and Descriptive Information

*I. **Identification:** Refer to Part 1-1.

II. **Permit Information**

- II-01 **Type of Permit Issued:** Check the appropriate box(es) to indicate the types of permits issued to the site. If state, local, or other types of environmental permits have been issued, specify the type.
- II-02 **Permit Number:** Enter the permit number for each issued permit.
- II-03 **Date Issued:** Enter the date each permit was issued.
- II-04 **Expiration Date:** Enter the date each permit expires or expired.
- II-05 **Comments:** Enter any information which further explains the types of permits issued or status of the permits.

III. **Site Description**

- *III-01 **Storage/Disposal:** Check the appropriate box(es) to indicate the types of storage/disposal facilities found at the site. If Other is checked, specify the type of facility.
- *III-02 **Amount:** Enter the gross amount of waste associated with each type of storage/disposal facility. Amounts may be measured in: metric tons, tons, cubic meters, cubic yards, drums, acres, acre feet, liters, or gallons.
- *III-03 **Unit of Measure:** Enter the appropriate unit of measure for each entry. Units of measure are MT (metric tons), TN (tons), CM (cubic meters), CY (cubic yards), DR (drums), AC (acres), AF (acre feet), LT (liters), or GA (gallons).
- *III-04 **Treatment:** If waste is treated at the site, check the appropriate box(es) to indicate treatment methods used. If Other is checked, specify treatment method.
- III-05 **Other:** If there are buildings on site, check this box.
- *III-06 **Area of Site:** Enter total area of site in acres.
- III-07 **Comments:** Enter any other pertinent information.

IV. **Containment:** Containment is a measure of the natural or artificial means taken to minimize or preclude health hazards and to minimize or prevent contamination of the environment from waste at the site.

- *IV-01 **Containment of Wastes:** Check the appropriate box to indicate the condition of containment measures at the site. When choosing the appropriate box, consider the potential for environmental contamination, i.e., the worst case for containment in conjunction with the most hazardous substances.
- IV-02 **Description of Drums, Diking, Liners, Barriers:** Provide a narrative description of the condition of containment measures at the site, e.g., waste ade-

quately contained, drums rusting and leaking, diking collapsing, liners leaking and contaminants leaching into soil and groundwater.

V. **Accessibility:** Accessibility is an indicator of the potential for direct contact with hazardous substances.

- *V-01 **Waste Easily Accessible:** If there are no real barriers preventing human access to hazardous waste, check Yes, otherwise check No.
- V-02 **Comments:** Additional information about accessibility to hazardous waste may be provided.

VI. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 5 Water, Demographic, and Environmental Data

*I. **Identification:** Refer to Part 1-1.

II. **Drinking Water Supply**

- II-01 **Type of Drinking Water Supply:** Check the appropriate box(es) to indicate the types and sources of drinking water within the vicinity of the site. Community refers to municipal sources. Non-community refers to private sources, e.g., private wells.
- II-02 **Status:** Check the appropriate box(es) to indicate whether the water supply is endangered or affected by contaminants from the site. Check the appropriate box to indicate if the water supply is being monitored for possible contamination.
- II-03 **Distance to Site:** Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to nearest drinking water source.

III. **Groundwater**

III-01 **Groundwater Use in Vicinity:** Check the appropriate box to indicate groundwater use in the vicinity of the site. The concern is to indicate the seriousness of groundwater contamination from waste at the site. Only Source for Drinking indicates that current water sources are limited to wells in the vicinity of the site. Drinking; Commercial, Industrial, Irrigation indicates that groundwater is used for drinking, but that other limited drinking sources are available and that no other sources for these additional uses are available. Commercial, Industrial, Irrigation indicates that groundwater is used for these purposes, but that limited other sources of water are available. Not used, Unusable indicates that groundwater use in the area is not critical.

III-02 **Population Served by Groundwater:** Enter the number of people served by groundwater in the vicinity of the site. Population for the purposes of the Site Inspection Report includes residents and daytime workers and students but excludes transients in the neighborhood or on local highways and roads. When estimating population from aerial photographs or other sources, the conversion factor is 3.8 persons for each dwelling unit or 3 persons per acre in rural areas.

- III-03 Distance to Nearest Drinking Water Well: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the nearest drinking water well.
- III-04 Depth to Groundwater: Enter the depth in feet to groundwater.
- III-05 Direction of Groundwater Flow: Enter the cardinal direction of groundwater flow, e.g., NNW.
- III-06 Depth to Aquifer of Concern: Enter the depth in feet to the aquifer of concern.
- III-07 Potential Yield of Aquifer: Enter the potential yield of the aquifer in gallons per day.
- III-08 Sole Source Aquifer: Check the appropriate box to indicate the aquifer of concern is, or is not, a sole source aquifer.
- III-09 Description of Wells: Provide a narrative description of wells in the vicinity of the site, including usage, depth, and location relative to population and buildings.
- III-10 Recharge Area: Check the appropriate box to indicate the site is located in a recharge area. Comments provide additional information on the recharge area.
- III-11 Discharge Area: Check the appropriate box to indicate the site is located in a discharge area. Comments provide additional information on the discharge area.
- IV. Surface Water**
- IV-01 Surface Water Use: Check the appropriate box to indicate surface water use in the vicinity of the site. The order of precedence is Reservoir, Recreation, Drinking Water Source; Irrigation, Economically Important Reserves; Commercial/Industrial; Not Currently Used.
- IV-02 Affected/Potentially Affected Bodies of Water: Enter the names of bodies of surface water affected, or potentially affected, by contaminants from the site. List the body of surface water nearest the site first. For each body of water check Affected if contaminants have been identified in samples of the water. Enter the shortest distance from the body of water to the site in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required).
- V. Demographic and Property Information**
- V-01 Total Population Within: Enter the total population within one (1) mile, two (2) miles, and three (3) miles of the site. Distances are measured from site boundaries. Population for the purposes of the Site Inspection Report includes residents and daytime workers and students but excludes transients in the neighborhood or on local highways and roads. When estimating population from aerial photographs or other sources, the conversion factor is 3.8 persons for each dwelling unit or 3 persons per acre in rural areas.
- V-02 Distance to Nearest Population: Enter in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) the distance from the site boundary to the nearest population (one person minimum).
- V-03 Number of Buildings Within Two (2) Miles of Site: Enter the number of buildings within two miles from the boundaries of the site.
- V-04 Distance to Nearest Off-Site Building: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site boundary to the nearest off-site building.
- V-05 Population in Vicinity of Site: Provide a narrative description of the nature of the population within the vicinity of the site. Examples include rural area, small truck farms, urban industrial area, densely populated urban residential area.
- VI. Environmental Information**
- VI-01 Permeability of Unsaturated Zone: Check the appropriate box to indicate the permeability of the earth material above the water table in the vicinity of the site.
- VI-02 Permeability of Bedrock: Check the appropriate box to indicate the permeability of the bedrock in the vicinity of the site.
- VI-03 Depth to Bedrock: Enter the depth to bedrock in feet.
- VI-04 Depth of Contaminated Soil Zone: Enter the depth of the contaminated soil zone in feet.
- VI-05 Soil pH: Enter the pH of the soil in the vicinity of the site.
- VI-06 Net Precipitation: Enter net precipitation in inches. If net precipitation is not known, subtract the average evaporation figure on the U.S. National Weather Service map showing average annual evaporation in inches from the U.S. Environmental Data Service map showing mean annual precipitation.
- VI-07 One Year 24 Hour Rainfall: Enter in inches the figure for one year 24 hour rainfall.
- VI-08 Slope: Enter the percentage of site slope, the direction of site slope, and the percentage of the surrounding terrain average slope.
- VI-09 Flood Potential: Enter the boundary year for the floodplain in which the site is located. Sites flooded annually are in a 1 (one) year floodplain. Other examples include 10, 20, 50, 100, 500, etc., indicating the probability of flooding within that time period.
- VI-10 Site is on Barrier Island, Coastal High Hazard Area, Riverine Floodway: If site is located in one of these areas, check this box.
- VI-11 Distance to Wetlands: If applicable, enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the closest wetlands (five acre minimum) for Estuarine and Other types of wetlands.
- VI-12 Distance to Critical Habitat: If applicable, enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the nearest critical habitat

of an endangered species. Enter the name(s) of the endangered species.

- VI-13 Land Use in Vicinity: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) to the nearest Commercial/Industrial area; Residential Area, National/State Parks, Forests, or Wildlife Reserves; or Agricultural Lands, Prime Ag Land and Ag Land. Prime Ag Land is that crop, pasture, range, or forest land which produces the highest yield in relation to inputs. Ag Land is the remaining agricultural land, frequently considered marginal.

- VI-14 Description of Site in Relation to Surrounding Topography: Provide a narrative description of significant or unusual aspects of the surrounding topography in relation to the site. Examples might include: site is in a valley surrounded on all sides by mountains, site is at edge of a river or stream which floods frequently, etc.

- VII. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 6 Sample and Field Information

01. Identification: Refer to Part 1-1.

II. Samples Taken

- II-01 Number of Samples Taken: Next to each sample type enter the number of samples of that type taken.
- II-02 Samples Sent To: Enter the name of the laboratory or other facility where the samples were sent for analysis.
- II-03 Estimated Date Results Available: Enter the estimated date the results are expected to be available.

III. Field Measurements Taken

- III-01 Type: Enter the type, e.g., radioactivity, explosivity, organic vapor or gas detection and analysis, reagent type gas detection, of each field measurement taken.
- III-02 Comments: Describe results of field measurements, whether they were taken on or off site, and if applicable, the type of disposal facility tested, e.g., drum, surface impoundment, landfill.

IV. Photographs and Maps

- IV-01 Type: If photographs of the site have been taken, check the appropriate box(es) to indicate the type.
- IV-02 In Custody Of: Enter the name of the organization or person who has custody of the photographs.
- IV-03 Maps: Check the appropriate box to indicate that maps of the site area have been prepared or obtained.
- IV-04 Location of Maps: If site maps are available, indicate their location, e.g., Region 1 Air and Hazardous Materials Division.

- V. Other Field Data Collected: Provide a narrative description of any other field data collected.

- VI. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 7 Owner Information

01. Identification: Refer to Part 1-1.

- II. Current Owner(s) - Parent Company: Current owner(s) and parent companies, for those owners which are companies partly or wholly owned by another company, provide locator information about responsible parties. Each Part 7 provides space for four (4) current owners and their respective parent companies. If additional space is required, complete another Part 7.

- II-01 Name: Enter the legal name of the owner of the site. The owner may be a firm, government agency, association, individual, etc.

- II-02 D&B Number: Where available, enter the owner's D&B (Dun and Bradstreet) number. If the current owner is a federal agency, enter the GSA identification code.

- II-03 Street Address: Enter the business, mailing, or residential street address of the owner.

- II-04 SIC Code: If applicable, enter the owner's primary SIC Code.

- II-05 City: Enter the city of the owner's business, mailing, or residential address.

- II-06 State: Enter the two character alpha FIPS code for the state of the owner's business, mailing, or residential address.

- II-07 Zip Code: Enter the five digit zip code for the owner's business, mailing, or residential address.

- II-08 Name: If the owner is a partly or wholly owned subsidiary of another company, enter the legal name of the owner's parent company.

- II-09 D&B Number: Enter the parent company's Dun and Bradstreet number.

- II-10 Street Address: Enter the business or mailing street address of the parent company.

- II-11 SIC Code: If applicable, enter the parent company's primary SIC code.

- II-12 City: Enter the city of the parent company's business or mailing address.

- II-13 State: Enter the two character alpha FIPS code for the state of the parent company's business or mailing address.

- II-14 Zip Code: Enter the five digit zip code for the parent company's business or mailing address.

- III. Previous Owner(s): List previous owners in reverse chronological order, i.e., most recent first. If additional space is required, complete another Part 7.

- III-01 Name: Enter the legal name of the previous owner. The previous owner may have been a firm, government agency, association, individual, etc.

- 111-02 D&B Number: Enter the previous owner's Dun and Bradstreet number if available. If the previous owner was a federal agency, enter the GSA identification code if available.
- 111-03 Street Address: Enter the business, mailing, or residential street address of the previous owner.
- 111-04 SIC Code: If applicable, enter the primary SIC Code of the previous owner.
- 111-05 City: Enter the city of the previous owner's business, mailing, or residential address.
- 111-06 State: Enter the two character alpha FIPS code for the state of the previous owner's business, mailing, or residential address.
- 111-07 Zip Code: Enter the zip code of the previous owner's business, mailing, or residential address.
- IV. Realty Owner(s): Realty owner applies when the owner leased to another entity property which was used for the storage or disposal of hazardous waste. List current or most recent first.
- IV-01 Name: Enter the legal name of the realty owner. The realty owner may be a firm, government agency, association, individual, etc.
- IV-02 D&B Number: Enter the previous owner's Dun and Bradstreet number if available. If the previous owner was a federal agency, enter the GSA identification code if available.
- IV-03 Street Address: Enter the realty owner's business, mailing, or residential street address.
- IV-04 SIC Code: If applicable, enter the realty owner's primary SIC Code.
- IV-05 City: Enter the city of the realty owner's business, mailing, or residential address.
- IV-06 State: Enter the two character alpha FIPS code for the state of the realty owner's business, mailing, or residential address.
- IV-07 Zip Code: Enter the zip code of the realty owner's business, mailing, or residential address.
- V. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.
- Part 8 Operator Information
- *I. Identification: Refer to Part 1-1.
- II. Current Operator—Operator's Parent Company: Information on operators is applicable when the operator is not the owner.
- 11-01 Name: Enter the legal name of the operator. The operator may be a firm, government agency, association, individual, etc.
- 11-02 D&B Number: Enter the operator's Dun and Bradstreet number if available. If the operator is a federal agency, enter the GSA identification code if available.
- 11-03 Street Address: Enter the operator's business, mailing, or residential street address.
- 11-04 SIC Code: If applicable, enter the operator's primary SIC Code.
- 11-05 City: Enter the city of the operator's business, mailing, or residential address.
- 11-06 State: Enter the two character alpha FIPS code for the state of the operator's business, mailing, or residential address.
- 11-07 Zip Code: Enter the zip code of the operator's business, mailing, or residential address.
- 11-08 Years of Operation: Enter the beginning and ending years (or beginning only if operations are on-going), e.g., 1932/1948, of operation at the site.
- 11-09 Name of Owner: Enter the name of the owner for the period cited for this operator.
- 11-10 Name: If applicable, enter the legal name of the operator's parent company.
- 11-11 D&B Number: Enter the operator's parent company Dun and Bradstreet number if available.
- 11-12 Street Address: Enter the operator's parent company business, mailing, or residential street address.
- 11-13 SIC Code: If applicable, enter the operator's parent company primary SIC Code.
- 11-14 City: Enter the city of the operator's parent company business, mailing, or residential address.
- 11-15 State: Enter the two character alpha FIPS code for the state of the operator's parent company business, mailing, or residential address.
- 11-16 Zip Code: Enter the zip code of the operator's parent company business, mailing, or residential address.
- III. Previous Operator(s)—Previous Operators' Parent Companies
- 111-01 Name: Enter the legal name of the previous operator. The previous operator may be a firm, government agency, association, individual, etc.
- 111-02 D&B Number: Enter the previous operator's Dun and Bradstreet number if available. If the previous operator was a federal agency, enter the GSA identification code if available.
- 111-03 Street Address: Enter the previous operator's business, mailing, or residential street address.
- 111-04 SIC Code: If applicable, enter the previous operator's primary SIC Code.
- 111-05 City: Enter the city of the previous operator's business, mailing, or residential address.
- 111-06 State: Enter the two character alpha FIPS code for the state of the previous operator's business, mailing, or residential address.
- 111-07 Zip Code: Enter the zip code of the previous operator's business, mailing, or residential address.
- 111-08 Years of Operation: Enter the beginning and ending years of operation for this operator at the site.
- 111-09 Name of Owner: Enter the name of the owner for the period cited for this operator.

- 111-10 Name: If applicable, enter the legal name of the previous operator's parent company.
- 111-11 D&B Number: Enter the previous operator's parent company Dun and Bradstreet number if available.
- 111-12 Street Address: Enter the previous operator's parent company business, mailing, or residential street address.
- 111-13 SIC Code: If applicable, enter the previous operator's parent company primary SIC Code.
- 111-14 City: Enter the city of the previous operator's parent company business, mailing, or residential address.
- 111-15 State: Enter the two character alpha FIPS code for the state of the previous operator's parent company business, mailing, or residential address.
- 111-16 Zip Code: Enter the zip code of the previous operator's parent company business, mailing, or residential address.
- IV. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 9 Generator/Transporter Information

- *I. Identification: Refer to Part 1-1.
- II. On-Site Generator: A company or agency, located within the contiguous area of the site and generating waste disposed on the site, is entered here.
- 11-01 Name: If there is an on-site generator, enter the legal name of the on-site generator. The on-site generator may be a firm or government agency.
- 11-02 D&B Number: Where available, enter the on-site generator's D&B (Dun and Bradstreet) number. If the on-site generator is a federal agency, enter the GSA identification code.
- 11-03 Street Address: Enter the business or mailing street address of the on-site generator.
- 11-04 SIC Code: If applicable, enter the on-site generator's primary SIC Code.
- 11-05 City: Enter the city of the on-site generator's business or mailing address.
- 11-06 State: Enter the two character alpha FIPS code for the state of the on-site generator's business or mailing address.
- 11-07 Zip Code: Enter the five digit zip code for the on-site generator's business or mailing address.
- III. Off-Site Generator(s): Those companies or agencies off-site who have generated waste which has been disposed at the site are listed here.
- 111-01 Name: Enter the legal name of the off-site generator. The off-site generator may be a firm or government agency.
- 111-02 D&B Number: Where available, enter the off-site generator's D&B (Dun and Bradstreet) number. If the off-site generator is a federal agency, enter the GSA identification code.

- 111-03 Street Address: Enter the business or mailing street address of the off-site generator.
- 111-04 SIC Code: If applicable, enter the off-site generator's primary SIC Code.
- 111-05 City: Enter the city of the off-site generator's business or mailing address.
- 111-06 State: Enter the two character alpha FIPS code for the state of the off-site generator's business or mailing address.
- 111-07 Zip Code: Enter the five digit zip code for the off-site generator's business or mailing address.

IV. Transporter(s): Those carriers who are known to have transported waste to the site are listed here.

- IV-01 Name: Enter the legal name of the transporter. The transporter may be a firm, government agency, association, individual, etc.
- IV-02 D&B Number: Where available, enter the transporter's D&B (Dun and Bradstreet) number. If the transporter is a federal agency, enter the GSA identification code.
- IV-03 Street Address: Enter the business, mailing, or residential street address of the transporter.
- IV-04 SIC Code: If applicable, enter the transporter's primary SIC Code.
- IV-05 City: Enter the city of the transporter's business, mailing, or residential address.
- IV-06 State: Enter the two character alpha FIPS code for the state of the transporter's business, mailing, or residential address.
- IV-07 Zip Code: Enter the five digit zip code for the transporter's business, mailing, or residential address.

V. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

Part 10 Past Response Activities

- *I. Identification: Refer to Part 1-1.
- II. Past Response Activities
- 11-01 Past Response Activities: Check the appropriate box(es) to indicate response activities initiated prior to the passage of CERCLA, December, 1980.
- 11-02 Date: Enter the start date (or approximate date) of the activity.
- 11-03 Agency: Enter the name of the Agency responsible for the activity.
- 11-04 Description: Provide a brief narrative description of the activity.
- III. Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

SITE INSPECTION REPORT

Part 11 Enforcement Information

*1. Identification: Refer to Part 1-1.

II. Enforcement Information

11-01 Past Regulatory/Enforcement Action: Check the appropriate box to indicate past regulatory or enforcement action at the federal, state, or local level related to this site.

11-02 Description of Federal, State, Local Regulatory or Enforcement Action: Provide a narrative description

of regulatory or enforcement action to date. Do not include any enforcement action contemplated in the process of development.

III.

Sources of Information: List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

APPENDIX

I. FEEDSTOCKS

| CAS Number | Chemical Name | CAS Number | Chemical Name | CAS Number | Chemical Name |
|----------------|-------------------|---------------|-------------------|----------------|----------------------|
| 1. 7664-41-7 | Ammonia | 14. 1317-38-0 | Cuoric Oxide | 27. 7778-60-9 | Potassium Dichromate |
| 2. 7440-38-0 | Antimony | 15. 7758-98-7 | Cuoric Sulfate | 28. 1310-58-3 | Potassium Hydroxide |
| 3. 1309-64-4 | Antimony Trioxide | 16. 1317-39-1 | Cuprous Oxide | 29. 115-07-1 | Propylene |
| 4. 7440-38-2 | Arsenic | 17. 74-85-1 | Ethylene | 30. 10588-01-9 | Sodium Dichromate |
| 5. 1327-53-3 | Arsenic Trioxide | 18. 7647-01-0 | Hydrochloric Acid | 31. 1310-73-2 | Sodium Hydroxide |
| 6. 21109-85-8 | Barium Sulfide | 19. 7664-39-3 | Hydrogen Fluoride | 32. 7648-78-8 | Stannic Chloride |
| 7. 7728-96-6 | Bromine | 20. 1335-25-7 | Lead Oxide | 33. 7772-99-8 | Stannous Chloride |
| 8. 108-99-0 | Butadiene | 21. 7439-97-6 | Mercury | 34. 7664-93-9 | Sulfuric Acid |
| 9. 7440-43-9 | Caesium | 22. 74-82-8 | Methane | 35. 108-88-3 | Toluene |
| 10. 7782-50-6 | Chlorine | 23. 91-20-3 | Napthalene | 36. 1330-20-7 | Xylene |
| 11. 12737-27-8 | Chromite | 24. 7440-02-0 | Nickel | 37. 7648-85-7 | Zinc Chloride |
| 12. 7440-47-3 | Chromium | 25. 7697-37-2 | Nitric Acid | 38. 7733-02-0 | Zinc Sulfate |
| 13. 7440-48-4 | Cobalt | 26. 7723-14-0 | Phosphorus | | |

II. HAZARDOUS SUBSTANCES

| CAS Number | Chemical Name | CAS Number | Chemical Name | CAS Number | Chemical Name |
|----------------|---------------------------|----------------|----------------------------------|------------------|-----------------------------------------|
| 1. 75-07-0 | Acetaldehyde | 47. 1303-33-9 | Arsenic Trisulfide | 92. 142-71-2 | Cupric Acetate |
| 2. 64-19-7 | Acetic Acid | 48. 542-62-1 | Barium Cyanide | 93. 12002-03-8 | Cupric Acetoarsenite |
| 3. 108-24-7 | Acetic Anhydride | 49. 71-43-2 | Benzene | 94. 7447-39-4 | Cupric Chloride |
| 4. 75-86-8 | Acetone Cyanohydrin | 50. 65-85-0 | Benzoic Acid | 96. 3251-23-8 | Cupric Nitrate |
| 5. 506-96-7 | Acetyl Bromide | 51. 100-47-0 | Benzonitrile | 96. 5893-66-3 | Cupric Oxalate |
| 6. 75-38-6 | Acetyl Chloride | 52. 98-68-4 | Benzoyl Chloride | 97. 7758-98-7 | Cupric Sulfate |
| 7. 107-02-8 | Acrolein | 53. 100-44-7 | Beryllium Chloride | 98. 10390-29-7 | Cupric Sulfate Ammoniated |
| 8. 107-13-1 | Acrylonitrile | 54. 7440-41-7 | Beryllium | 99. 815-82-7 | Cupric Tartrate |
| 9. 124-04-9 | Adipic Acid | 55. 7787-47-6 | Beryllium Chloride | 100. 506-77-4 | Cyanogen Chloride |
| 10. 309-00-2 | Aldrin | 56. 7787-48-7 | Beryllium Fluoride | 101. 110-82-7 | Cyclohexane |
| 11. 10043-01-3 | Aluminum Sulfate | 57. 13597-99-4 | Beryllium Nitrate | 102. 94-75-7 | 2,4-D Acid |
| 12. 107-18-6 | Allyl Alcohol | 58. 123-86-4 | Beryl Acetate | 103. 94-11-1 | 2,4-D Esters |
| 13. 107-06-1 | Allyl Chloride | 59. 84-74-2 | n-Butyl Phthalate | 104. 50-29-3 | DDT |
| 14. 7664-41-7 | Ammonia | 60. 108-73-9 | Butylamine | 106. 333-41-6 | Diazinon |
| 15. 631-61-8 | Ammonium Acetate | 61. 107-92-6 | Butyric Acid | 106. 1918-00-9 | Dicamba |
| 16. 1863-63-4 | Ammonium Benzoate | 62. 543-90-8 | Cadmium Acetate | 107. 1194-65-6 | Dichlobenil |
| 17. 1066-33-7 | Ammonium Bicarbonate | 63. 7789-42-6 | Cadmium Bromide | 108. 117-80-6 | Dichloro |
| 18. 7789-09-6 | Ammonium Bichromate | 64. 10108-64-2 | Cadmium Chloride | 108. 25321-22-6 | Dichlorobenzene (all isomers) |
| 19. 1341-49-7 | Ammonium Bifluoride | 65. 7778-44-1 | Calcium Arsenate | 110. 266-38-19-7 | Dichloropropane (all isomers) |
| 20. 10192-30-0 | Ammonium Bisulfite | 66. 52740-16-6 | Calcium Arsenite | 111. 26952-23-8 | Dichloropropane (all isomers) |
| 21. 1111-78-0 | Ammonium Carbamate | 67. 75-20-7 | Calcium Carbide | 112. 8003-19-6 | Dichloropropene-Dichloropropene Mixture |
| 22. 12125-02-9 | Ammonium Chloride | 68. 13785-19-0 | Calcium Chromate | 113. 75-99-0 | 2,2-Dichloropropionic Acid |
| 23. 7788-98-9 | Ammonium Chromate | 68. 592-01-6 | Calcium Cyanide | 114. 82-73-7 | Dichlorvos |
| 24. 3012-85-8 | Ammonium Citrate, Dibasic | 70. 26284-06-2 | Calcium Dodecylbenzene Sulfonate | 115. 80-67-1 | Dieldrin |
| 25. 13826-83-0 | Ammonium Fluoborate | 71. 7778-54-3 | Calcium Hypochlorite | 116. 109-69-7 | Diethylamine |
| 26. 12125-01-6 | Ammonium Fluoride | 72. 133-06-2 | Castan | 117. 124-40-3 | Dimethylamine |
| 27. 1336-21-6 | Ammonium Hydroxide | 73. 63-25-2 | Carbaryl | 118. 29154-54-6 | Dinitrobenzene (all isomers) |
| 28. 6009-70-7 | Ammonium Oxalate | 74. 1563-66-2 | Carbofuran | 119. 51-28-6 | Dinitrophenol |
| 29. 16919-19-0 | Ammonium Silicofluoride | 75. 75-15-0 | Carbon Disulfide | 120. 25321-14-6 | Dinitrotoluene (all isomers) |
| 30. 7773-06-0 | Ammonium Sulfamate | 76. 56-23-6 | Carbon Tetrachloride | 121. 85-00-7 | Diquat |
| 31. 12135-76-1 | Ammonium Sulfide | 77. 57-74-9 | Chlordane | 122. 298-04-4 | Disulfoton |
| 32. 10196-04-0 | Ammonium Sulfite | 78. 7782-60-5 | Chlorine | 123. 330-84-1 | Diuron |
| 33. 14307-43-8 | Ammonium Tartrate | 79. 108-90-7 | Chlorobenzene | 124. 27176-87-0 | Dodecylbenzenesulfonic Acid |
| 34. 1762-95-4 | Ammonium Thiocyanate | 80. 67-66-3 | Chloroform | 125. 115-29-7 | Endosulfan (all isomers) |
| 35. 7783-18-8 | Ammonium Thioisulfate | 81. 7790-94-6 | Chlorosulfonic Acid | 126. 72-20-8 | Endrin and Metabolites |
| 36. 828-63-7 | Amyl Acetate | 82. 2921-88-2 | Chlorpyrifos | 127. 106-89-8 | Epichlorohydrin |
| 37. 62-63-3 | Aniline | 83. 1066-30-4 | Chromic Acetate | 128. 563-12-2 | Ethion |
| 38. 7647-18-9 | Antimony Pentachloride | 84. 7738-94-6 | Chromic Acid | 129. 100-41-4 | Ethyl Benzene |
| 39. 7789-61-9 | Antimony Tribromide | 85. 10101-63-8 | Chromic Sulfate | 130. 107-19-3 | Ethylendiamine |
| 40. 10025-91-9 | Antimony Trichloride | 86. 10049-05-5 | Chromous Chloride | 131. 106-93-4 | Ethylene Dibromide |
| 41. 7783-56-4 | Antimony Trifluoride | 87. 544-18-3 | Cobaltous Formate | 132. 107-06-2 | Ethylene Dichloride |
| 42. 1309-64-4 | Antimony Trioxide | 88. 14017-41-6 | Cobaltous Sulfamate | 133. 60-00-4 | EDTA |
| 43. 1303-32-8 | Arsenic Disulfide | 89. 56-72-4 | Coumaphos | 134. 1185-67-5 | Ferrie Ammonium Citrate |
| 44. 1303-28-2 | Arsenic Pentoxide | 90. 1319-77-3 | Cresol | 135. 2944-67-4 | Ferrie Ammonium Oxalate |
| 45. 7784-34-1 | Arsenic Trichloride | 91. 4170-30-3 | Crotonaldehyde | 136. 7705-08-0 | Ferrie Chloride |
| 46. 1327-53-3 | Arsenic Trioxide | | | | |

II. HAZARDOUS SUBSTANCES

| CAS Number | Chemical Name | CAS Number | Chemical Name | CAS Number | Chemical Name |
|-----------------|---------------------------------------------|-----------------|------------------------------------|-----------------|--------------------------------------------|
| 137. 7783-50-8 | Ferric Fluoride | 192. 74-89-5 | Monomethylamine | 249. 7632-00-0 | Sodium Nitrate |
| 138. 10421-48-4 | Ferric Nitrate | 193. 300-76-5 | Naled | 250. 7558-79-4 | Sodium Phosphate, Dibasic |
| 139. 10028-22-5 | Ferric Sulfate | 194. 91-20-3 | Naphthalene | 251. 7601-64-9 | Sodium Phosphate, Tribasic |
| 140. 10045-89-3 | Ferrous Ammonium Sulfate | 195. 1338-24-5 | Naphthoic Acid | 252. 10102-18-8 | Sodium Selenite |
| 141. 7758-94-3 | Ferrous Chloride | 196. 7440-02-0 | Nickel | 253. 7789-06-2 | Strontium Chromate |
| 142. 7720-78-7 | Ferrous Sulfate | 197. 15699-18-0 | Nickel Ammonium Sulfate | 254. 57-24-0 | Strychnine and Salts |
| 143. 206-44-0 | Fluorantene | 198. 37211-05-5 | Nickel Chloride | 255. 100-420-5 | Styrene |
| 144. 50-00-0 | Formaldehyde | 199. 12054-48-7 | Nickel Hydroxide | 256. 12771-08-3 | Sulfur Monochloride |
| 145. 64-18-6 | Formic Acid | 200. 14216-75-2 | Nickel Nitrate | 257. 7664-93-9 | Sulfuric Acid |
| 146. 110-17-8 | Fumaric Acid | 201. 7786-81-4 | Nickel Sulfate | 258. 93-76-6 | 2,4,5-T Acid |
| 147. 98-01-1 | Furfural | 202. 7697-37-2 | Nitric Acid | 259. 2008-46-0 | 2,4,5-T Amines |
| 148. 86-80-0 | Guthion | 203. 98-95-3 | Nitrobenzene | 260. 93-79-8 | 2,4,5-T Esters |
| 149. 76-44-8 | Heptachlor | 204. 10102-44-0 | Nitrogen Dioxide | 261. 13560-99-1 | 2,4,5-T Salts |
| 150. 118-74-1 | Hexachlorobenzene | 205. 25154-55-6 | Nitrophenol (all isomers) | 262. 93-72-1 | 2,4,5-TP Acid |
| 151. 87-68-3 | Hexachlorobutadiene | 206. 1321-12-6 | Nitrotoluene | 263. 32534-95-6 | 2,4,5-TP Acid Esters |
| 152. 67-72-1 | Hexachloroethane | 207. 30525-89-4 | Paraformaldehyde | 264. 72-64-8 | TOE |
| 153. 70-30-4 | Hexachloroethene | 208. 56-38-2 | Parathion | 265. 95-94-3 | Tetrachlorobenzene |
| 154. 77-47-4 | Hexachlorocyclopentadiene | 209. 606-93-6 | Pentachlorobenzene | 266. 127-18-4 | Tetrachloroethane |
| 155. 7647-01-0 | Hydrochloric Acid (Hydrogen Chloride) | 210. 87-86-5 | Pentachlorophenol | 267. 78-00-2 | Tetraethyl Lead |
| 156. 7664-39-3 | Hydrofluoric Acid (Hydrogen Fluoride) | 211. 85-01-8 | Phenanthrene | 268. 107-49-3 | Tetraethyl Pyrophosphate |
| 157. 74-90-8 | Hydrogen Cyanide | 212. 108-95-2 | Phenol | 269. 7446-18-6 | Thallium (II) Sulfate |
| 158. 7783-06-4 | Hydrogen Sulfide | 213. 75-44-5 | Phosgene | 270. 108-88-3 | Toluene |
| 159. 78-79-5 | Isoprene | 214. 7664-38-2 | Phosphoric Acid | 271. 8001-35-2 | Toxaphene |
| 160. 42504-46-1 | Isopropanolamine Dodecylbenzenesulfonate | 215. 7723-14-0 | Phosphorus | 272. 12002-48-1 | Trichlorobenzene (all isomers) |
| 161. 115-32-2 | Ketthane | 216. 10025-87-3 | Phosphorus Oxichloride | 273. 52-68-6 | Trichlorfon |
| 162. 143-50-0 | Kepon | 217. 1314-80-3 | Phosphorus Pentasulfide | 274. 25323-89-1 | Trichloroethane (all isomers) |
| 163. 301-04-2 | Lead Acetate | 218. 7719-12-2 | Phosphorus Trichloride | 275. 79-01-6 | Trichloroethylene |
| 164. 3687-31-8 | Lead Arsenate | 219. 7784-41-0 | Potassium Arsenate | 276. 25167-82-2 | Trichlorophenol (all isomers) |
| 165. 7758-95-4 | Lead Chloride | 220. 10124-50-2 | Potassium Arsenite | 277. 27323-41-7 | Triethanolamine Dodecylbenzenesulfonate |
| 166. 13814-96-5 | Lead Fluoborate | 221. 7778-50-9 | Potassium Bichromate | 278. 121-44-8 | Triethylamine |
| 167. 7783-46-2 | Lead Fluoride | 222. 7789-00-6 | Potassium Chromate | 279. 75-90-3 | Trimethylamine |
| 168. 10101-63-0 | Lead Iodide | 223. 7722-64-7 | Potassium Permanganate | 280. 541-09-3 | Uranyl Acetate |
| 169. 18256-98-9 | Lead Nitrate | 224. 2312-35-8 | Propargite | 281. 10102-06-4 | Uranyl Nitrate |
| 170. 7428-48-0 | Lead Stearate | 225. 79-08-4 | Propionic Acid | 282. 1314-62-1 | Vanadium Pentoxide |
| 171. 15739-80-7 | Lead Sulfate | 226. 123-62-6 | Propionic Anhydride | 283. 27774-13-6 | Vanadyl Sulfate |
| 172. 1314-87-0 | Lead Sulfide | 227. 1336-36-3 | Polychlorinated Biphenyls | 284. 108-05-4 | Vinyl Acetate |
| 173. 592-87-0 | Lead Thiocyanate | 228. 151-50-8 | Potassium Cyanide | 285. 75-35-4 | Vinylidene Chloride |
| 174. 58-89-9 | Lindane | 229. 1310-58-3 | Potassium Hydroxide | 286. 1300-71-6 | Xylenol |
| 175. 14307-35-8 | Lithium Chromate | 230. 75-56-9 | Propylene Oxide | 287. 587-34-6 | Zinc Acetate |
| 176. 121-75-5 | Malthion | 231. 121-29-9 | Pyrethrin | 288. 52628-25-8 | Zinc Ammonium Chloride |
| 177. 110-16-7 | Maleic Acid | 232. 91-22-9 | Quinoline | 289. 1332-07-6 | Zinc Borate |
| 178. 108-31-6 | Maleic Anhydride | 233. 108-46-3 | Resorcinol | 290. 7699-45-8 | Zinc Bromide |
| 179. 2032-65-7 | Mercaptodimethur | 234. 7446-08-4 | Selenium Oxide | 291. 3486-35-9 | Zinc Carbonate |
| 180. 592-04-1 | Mercuric Cyanide | 235. 7761-88-8 | Silver Nitrate | 292. 7646-85-7 | Zinc Chloride |
| 181. 10045-94-0 | Mercuric Nitrate | 236. 7631-89-2 | Sodium Arsenate | 293. 557-21-1 | Zinc Cyanide |
| 182. 7783-35-9 | Mercuric Sulfate | 237. 7784-46-5 | Sodium Arsenite | 294. 7783-49-3 | Zinc Fluoride |
| 183. 592-85-8 | Mercuric Thiocyanate | 238. 10588-01-9 | Sodium Bichromate | 295. 557-41-6 | Zinc Formate |
| 184. 10415-75-5 | Mercurous Nitrate | 239. 1333-83-1 | Sodium Bifluoride | 296. 7779-86-4 | Zinc Hydrosulfite |
| 185. 72-43-6 | Methoxychlor | 240. 7631-90-6 | Sodium Bisulfite | 297. 7779-88-6 | Zinc Nitrate |
| 186. 74-83-1 | Methyl Mercaptan | 241. 7775-11-3 | Sodium Chromate | 298. 127-82-2 | Zinc Phenolsulfonate |
| 187. 80-82-6 | Methyl Methacrylate | 242. 143-33-9 | Sodium Cyanide | 299. 1314-84-7 | Zinc Phosphide |
| 188. 298-00-0 | Methyl Parathion | 243. 25185-30-0 | Sodium Dodecylbenzene Sulfonate | 300. 16871-71-9 | Zinc Silicofluoride |
| 189. 7786-34-7 | Mevinphos | 244. 7681-49-4 | Sodium Fluoride | 301. 7733-02-0 | Zinc Sulfate |
| 190. 315-18-4 | Mexacarbate | 245. 16721-80-5 | Sodium Hydrosulfide | 302. 13746-89-9 | Zirconium Nitrate |
| 191. 75-04-7 | Monomethylamine | 246. 1310-73-2 | Sodium Hydroxide | 303. 16923-95-8 | Zirconium Potassium Fluoride |
| | | 247. 7681-52-9 | Sodium Hypochlorite | 304. 14644-81-2 | Zirconium Sulfate |
| | | 248. 124-41-4 | Sodium Methylate | 305. 10026-11-6 | Zirconium Tetrachloride |

APPENDIX D

HAZARD RANKING SYSTEM FOR SITE 6

M. 25 6014

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference. Include the location of the document.

FACILITY NAME: Naval Air Station Key West, FL

LOCATION: Site 6, Dredgers Key Refuse Disposal Area

DATE SCORED: July 17 - 19, 1989

PERSON SCORING: Sally Musick and Robert Stephens

PRIMARY SOURCE(S) OF INFORMATION (e.g., EPA region, state, FIT, etc.):
Navy Personnel, Area Residents
Initial Assessment Study of Naval Air Station, Key West, FL, NEESA 13-071, May 1985.
Verification Study Assessment of Potential Ground Water Pollution at Naval Air Station, Key West, March 1987.

FACTORS NOT SCORED DUE TO INSUFFICIENT INFORMATION:

COMMENTS OR QUALIFICATIONS:

Interviews with Navy civilian employee and area resident indicate all waste was removed from the site between 1948 and 1951. Site inspection confirmed that the area was free of visible rubbish/trash.

GROUND WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected (3 maximum): score = 0

There was no observed release of contaminants that would affect ground water.

Rationale for attributing the contaminants to the facility:

N/A

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern score = 0

Name/description of aquifers(s) of concern:

This is a man-made island composed of dredged material from the ocean floor. No aquifer exists.

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

No aquifer exists.

Depth from the ground surface to the lowest point of waste disposal/storage:

N/A

Net Precipitation Score = 2

Mean annual or seasonal precipitation (list months for seasonal):

40 inches

Mean annual lake or seasonal evaporation (list months for seasonal):

30 inches

Net precipitation (subtract the above figures):

10 inches

Permeability of Unsaturated Zone Score = 3

Soil type in unsaturated zone:

There is very little soil in the traditional sense. This zone is composed of Miami oolite, which is very porous calcium carbonate.

Permeability associated with soil type:

Permeability is very high with the porous oolite.

Physical State Score = 0

Physical state of substances at time of disposal (or at present time for generated gases):

Substances disposed of were reportedly bulky items, and were in a solid, consolidated state.

* * *

3 CONTAINMENT Score = 3

Containment

Method(s) of waste or leachate containment evaluated:

There was no containment of the wastes. The site was an open disposal ground. Wastes were routinely burned for volume reduction.

Method with highest score:

N/A

4 WASTE CHARACTERISTICS Score = 0

Toxicity and Persistence

Compound(s) evaluated:

There is presently no known hazardous waste on the site.

Compound with highest score:

N/A

Hazardous Waste Quantity Score = 0

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

There is presently no known hazardous waste on the site.

Basis of estimating and/or computing waste quantity:

N/A

5 TARGETS

Ground Water Use Score = 3

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:

There are no freshwater wells at NAS Key West. Wells on the island of Key West produce brackish water for commercial and/or industrial.

Distance to Nearest Well Score = 0

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

All occupied buildings are served via potable water supply pipeline from Miami, which is 150 miles away.

Distance to above well or building:

N/A

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

The drinking water supply for Key West is imported from Miami via a 150 mile pipeline.

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

N/A

Total population served by ground water within a 3-mile radius:

N/A

SURFACE WATER ROUTE

1. OBSERVED RELEASE Score = 0

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

There is no direct evidence of release of contaminants to surface water.

Rationale for attributing the contaminants to the facility:

N/A

* * *

2. ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain Score = 0

Average slope of facility in percent:

The area is flat, and the slope is less than 3%.

Name/description of nearest downslope surface water:

The nearest body of water is the Gulf of Mexico.

Average slope of terrain between facility and above-cited surface water body in percent:

The slope is less than 3%.

Is the facility located either totally or partially in surface water:

The site is classified as a wetland, with vegetation predominantly salt water mangroves.

Is the facility completely surrounded by areas of higher elevation?

No

1-Year 24-Hour Rainfall in Inches Score = 3

4 "

Distance to Nearest Downslope Surface Water Score = 6

The Gulf of Mexico is adjacent to, and periodically inundates, the site.

Physical State of Waste Score = 0

The wastes were bulky items.

* * *

3 CONTAINMENT

Containment Score = 3

Method(s) of waste or leachate containment evaluated:

Containment was not used. No wastes reportedly remain on the site.

Method with highest score:

N/A

4 WASTE CHARACTERISTICS Score = 0

Toxicity and Persistence

Compound(s) evaluated

There are no known hazardous wastes currently at the site.

Compound with highest score:

N/A

Hazardous Waste Quantity Score = 0

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

There are no known hazardous wastes currently at the site.

Basis of estimating and/or computing waste quantity:

N/A

* * *

5 TARGETS score = 6

Surface Water Use

Use(s) of surface water within 3 miles downstream of the hazardous substance:

All surface water eventually goes to the Gulf of Mexico, which is used for recreation and commercial fishing.

Is there tidal influence?

Yes

Distance to a Sensitive Environment Score = 6

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

The site itself is a wetland.

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

N/A

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

The Great White Heron National Refuge Area is approximately 1½ to the north of the site.

Population Served by Surface Water Score = 0

Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake:

The surface water is not used for potable consumption.

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

N/A

Total population served:

N/A

Name/description of nearest of above water bodies:

N/A

Distance to above-cited intakes, measured in stream miles.

N/A

AIR ROUTE

1 OBSERVED RELEASE Score = 0

Contaminants detected:

No tests were performed.

All waste has been reportedly removed from the site.

Date and location of detection of contaminants

N/A

Methods used to detect the contaminants:

N/A

Rationale for attributing the contaminants to the site:

N/A

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

N/A

Most incompatible pair of compounds:

N/A

Toxicity

Most toxic compound:

N/A

Hazardous Waste Quantity

Total quantity of hazardous waste:

N/A

Basis of estimating and/or computing waste quantity:

N/A

* * *

1 TARGETS

Population Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

0 to 4 mi 0 to 1 mi 0 to 1/2 mi 0 to 1/4 mi

N/A

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

N/A

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

N/A

Distance to critical habitat of an endangered species, if 1 mile or less:

N/A

Land Use

Distance to commercial/industrial area, if 1 mile or less:

N/A

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

N/A

Distance to residential area, if 2 miles or less:

N/A

Distance to agricultural land in production within past 5 years, if 1 mile or less:

N/A

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

N/A

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

N/A

FIRE AND EXPLOSION

1 CONTAINMENT Score = 1

Hazardous substances present:

No hazardous substances that could catch fire or explode are visibly present.

Type of containment, if applicable:

N/A

* * *

2 WASTE CHARACTERISTICS

Direct Evidence Score = 0

Type of instrument and measurements:

N/A

Ignitability Score = 0

Compound used:

N/A

Reactivity Score = 0

Most reactive compound:

N/A

Incompatibility Score = 0

Most incompatible pair of compounds:

N/A

* * *

Hazardous Waste Quantity Score = 0

Total quantity of hazardous substances at the facility:

N/A

Basis of estimating and/or computing waste quantity:

N/A

* * *

3 TARGETS

Distance to Nearest Population Score = 4

The nearest population is approximately 150 ft. away.

Distance to Nearest Building Score = 2

The nearest building is approximately 150 ft. away.

Distance to Sensitive Environment Score = 3

Distance to wetlands:

The site is a wetland.

Distance to critical habitat:

Great White Heron National Refuge Area is approximately 1½ miles away.

Land Use Score = 3

Distance to commercial/industrial area, if 1 mile or less:

Commercial buildings are less than 0.25 mile away.

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

Great White Heron National Refuge Area is approximately 1.5 miles away.

Distance to residential area, if 2 miles or less:

Residential areas are approximately 200 ft. away from site.

Distance to agricultural land in production within past 5 years, if 1 mile or less:

N/A

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

N/A

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

N/A

Population Within 2-Mile Radius

Approximately 3000

Buildings Within 2-Mile Radius

Approximately 880

DIRECT CONTACT

1 OBSERVED INCIDENT Score = 0

Date, location, and pertinent details of incident:

There is no record of any direct contact incident.

* * *

2 ACCESSIBILITY Score = 3

Describe type of barrier(s):

There is a fence, but it does not surround the area completely.

* * *

3 CONTAINMENT Score = 15

Type of containment, if applicable:

There was no type of containment. The site was an open dumping ground.

* * *

4 WASTE CHARACTERISTICS Score = 0

Toxicity

Compounds evaluated:

There are no known hazardous wastes present at the site.

Compound with highest score:

N/A

* * *

5 TARGETS Score = 3

Population within one-mile radius

Approximately 1,500

Distance to critical habitat (of endangered species) Score = 1

Great White Heron National Refuge Area is approximately 1.5 miles away.

REFERENCES

If the entire reference is not available for public review in the EPA regional files on this site, indicate where the reference may be found:

| Reference Number | Description of the Reference |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Uncontrolled Hazardous Waste Site Ranking System; A Users Manual. |
| 2 | National Oil and Hazardous Substances Contingency Plan, Appendix A (40 CFR 300)(47 FR 31219), July 16, 1982. |
| 3 | Navy civilian employee -- John Lamberson |
| 4 | Area Resident -- Hunter G. Hardin |
| 5 | Initial Assessment Study of Naval Air Station, Key West, Florida, May 1985. Naval Energy and Environmental Support Activity, 13-071. |
| 6 | Verification Study Assessment of Potential Ground-Water Pollution at Naval Air Station-Key West, Key West, Florida, March 1987. Geraghty & Miller, Inc. Project No. T0290KW2. |

Facility name: Naval Air Station - Key West

Location: Dredgers Key Refuse Disposal Area

EPA Region: 4

Person(s) in charge of the facility: U.S. Navy

Name of Reviewer: Sally Musick Date: July 1989

General description of the facility:
 (For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

Dredgers Key is a man-made island, formed from dredged material
during the construction of the Seaplane Base around 1942. The
site is approximately 20 acres in size, and was used as an open
disposal and burning site until 1948. Wastes disposed of here
were reportedly bulky and non-hazardous. Between 1948-1951
all waste material was moved from this site to the South Fleming
Key landfill.

Scores: $S_M = 0$ ($S_{SW} = 0$ $S_{SW} = 0$ $S_a = 0$)
 $S_{FE} = 0$
 $S_{DC} = 0$

FIGURE 1
HRS COVER SHEET

| Ground Water Route Work Sheet | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------|--------------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Release | (0) 45 | 1 | 0 | 45 | 3.1 | |
| If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 . | | | | | | |
| 2 Route Characteristics | | | | | 3.2 | |
| Depth to Aquifer of Concern | (0) 1 2 3 | 2 | 0 | 6 | | |
| Net Precipitation | 0 1 (2) 3 | 1 | 2 | 3 | | |
| Permeability of the Unsaturated Zone | 0 1 2 (3) | 1 | 3 | 3 | | |
| Physical State | (0) 1 2 3 | 1 | 0 | 3 | | |
| Total Route Characteristics Score | | | 5 | 15 | | |
| 3 Containment | 0 1 2 (3) | 1 | 3 | 3 | 3.3 | |
| 4 Waste Characteristics | | | | | 3.4 | |
| Toxicity/Persistence | (0) 3 6 9 12 15 18 | 1 | 0 | 18 | | |
| Hazardous Waste Quantity | (0) 1 2 3 4 5 6 7 8 | 1 | 0 | 8 | | |
| Total Waste Characteristics Score | | | 0 | 26 | | |
| 5 Targets | | | | | 3.5 | |
| Ground Water Use | 0 (1) 2 3 | 3 | 3 | 9 | | |
| Distance to Nearest Well/Population Served | 0 4 6 8 10 12 16 18 20 24 30 32 35 40 | 1 | 0 | 40 | | |
| Total Targets Score | | | 3 | 49 | | |
| 6 If line 1 is 45, multiply 1 x 4 x 5 | | | | | | |
| If line 1 is 0, multiply 2 x 3 x 4 x 5 | | | 0 | 57.330 | | |
| 7 Divide line 6 by 57.330 and multiply by 100 | | | $S_{gw} = 0$ | | | |

FIGURE 2
GROUND WATER ROUTE WORK SHEET

| Surface Water Route Work Sheet | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Release | (0) 45 | 1 | 0 | 45 | 4.1 | |
| If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 . | | | | | | |
| 2 Route Characteristics | | | | | 4.2 | |
| Facility Slope and Intervening Terrain | (0) 1 2 3 | 1 | 0 | 3 | | |
| 1-yr. 24-hr. Rainfall | 0 1 2 (3) | 1 | 3 | 3 | | |
| Distance to Nearest Surface Water | 0 1 2 (3) | 2 | 6 | 6 | | |
| Physical State | (0) 1 2 3 | 1 | 0 | 3 | | |
| Total Route Characteristics Score | | | 9 | 15 | | |
| 3 Containment | 0 1 2 (3) | 1 | 3 | 3 | 4.3 | |
| 4 Waste Characteristics | | | | | 4.4 | |
| Toxicity/Persistence | (0) 3 6 9 12 15 18 | 1 | 0 | 18 | | |
| Hazardous Waste Quantity | (0) 1 2 3 4 5 6 7 8 | 1 | 0 | 8 | | |
| Total Waste Characteristics Score | | | 0 | 26 | | |
| 5 Targets | | | | | 4.5 | |
| Surface Water Use | 0 1 (2) 3 | 3 | 6 | 9 | | |
| Distance to a Sensitive Environment | 0 1 2 (3) | 2 | 6 | 6 | | |
| Population Served/Distance to Water Intake Downstream | (0) 4 6 8 10 12 16 18 20 24 30 32 35 40 | 1 | 0 | 40 | | |
| Total Targets Score | | | 12 | 55 | | |
| 6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5 | | | 0 | 64,350 | | |
| 7 Divide line 6 by 64,350 and multiply by 100 | | | $S_{sw} = 0$ | | | |

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

| Air Route Work Sheet | | | | | | |
|-----------------------------------------------------------------|--------------------------------|-------------|-----------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Release | 0 45 | 1 | 0 | 45 | 5.1 | |
| Date and Location: July 1989 Dredgers Key | | | | | | |
| Sampling Protocol: N/A | | | | | | |
| If line 1 is 0, the $S_a = 0$. Enter on line 5 . | | | | | | |
| If line 1 is 45, then proceed to line 2 . | | | | | | |
| 2 Waste Characteristics | | | | | 5.2 | |
| Reactivity and Incompatibility | 0 1 2 3 | 1 | | 3 | | |
| Toxicity | 0 1 2 3 | 3 | | 9 | | |
| Hazardous Waste Quantity | 0 1 2 3 4 5 6 7 8 | 1 | | 8 | | |
| Total Waste Characteristics Score | | | | 20 | | |
| 3 Targets | | | | | 5.3 | |
| Population Within 4-Mile Radius | 0 9 12 15 18 21 24 27 30 | 1 | | 30 | | |
| Distance to Sensitive Environment | 0 1 2 3 | 2 | | 6 | | |
| Land Use | 0 1 2 3 | 1 | | 3 | | |
| Total Targets Score | | | | 39 | | |
| 4 Multiply 1 x 2 x 3 | | | | 35.100 | | |
| 5 Divide line 4 by 35.100 and multiply by 100 | | | $S_a = 0$ | | | |

FIGURE 9
AIR ROUTE WORK SHEET

| | S | S ² |
|-----------------------------------------------------|---|----------------|
| Groundwater Route Score (S _{gw}) | 0 | 0 |
| Surface Water Route Score (S _{sw}) | 0 | 0 |
| Air Route Score (S _a) | 0 | 0 |
| $S_{gw}^2 + S_{sw}^2 + S_a^2$ | | 0 |
| $\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$ | | 0 |
| $\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$ | | 0 |

**FIGURE 10
WORKSHEET FOR COMPUTING S_M**

| Fire and Explosion Work Sheet | | | | | | |
|------------------------------------------------------------|--------------------------------|-------------|---------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Containment | (1) 3 | 1 | 1 | 3 | 7.1 | |
| 2 Waste Characteristics | | | | | 7.2 | |
| Direct Evidence | (0) 3 | 1 | 0 | 3 | | |
| Ignitability | (0) 1 2 3 | 1 | 0 | 3 | | |
| Reactivity | (0) 1 2 3 | 1 | 0 | 3 | | |
| Incompatibility | (0) 1 2 3 | 1 | 0 | 3 | | |
| Hazardous Waste Quantity | (0) 1 2 3 4 5 6 7 8 | 1 | 0 | 8 | | |
| Total Waste Characteristics Score | | | 0 | 20 | | |
| 3 Targets | | | | | 7.3 | |
| Distance to Nearest Population | 0 1 2 3 (4) 5 | 1 | 4 | 5 | | |
| Distance to Nearest Building | 0 1 (2) 3 | 1 | 2 | 3 | | |
| Distance to Sensitive Environment | 0 1 2 (3) | 1 | 3 | 3 | | |
| Land Use | 0 1 2 (3) | 1 | 3 | 3 | | |
| Population Within 2-Mile Radius | 0 1 2 3 (4) 5 | 1 | 4 | 5 | | |
| Buildings Within 2-Mile Radius | 0 1 2 3 (4) 5 | 1 | 4 | 5 | | |
| Total Targets Score | | | 20 | 24 | | |
| 4 Multiply 1 x 2 x 3 | | | 0 | 1,440 | | |
| 5 Divide line 4 by 1,440 and multiply by 100 | | | SFE = 0 | | | |

**FIGURE 11
FIRE AND EXPLOSION WORK SHEET**

| Direct Contact Work Sheet | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------|---------|------------|----------------|--|
| Rating Factor | Assigned Value (Circle One) | Multi-plier | Score | Max. Score | Ref. (Section) | |
| 1 Observed Incident | 0 45 | 1 | 0 | 45 | 8.1 | |
| If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2 | | | | | | |
| 2 Accessibility | 0 1 2 3 | 1 | 3 | 3 | 8.2 | |
| 3 Containment | 0 15 | 1 | 15 | 15 | 8.3 | |
| 4 Waste Characteristics Toxicity | 0 1 2 3 | 5 | 0 | 15 | 8.4 | |
| 5 Targets | | | | | 8.5 | |
| Population Within a 1-Mile Radius | 0 1 2 3 4 5 | 4 | 12 | 20 | | |
| Distance to a Critical Habitat | 0 1 2 3 | 4 | 4 | 12 | | |
| Total Targets Score | | | 16 | 32 | | |
| 6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5 | | | 0 | 21,600 | | |
| 7 Divide line 6 by 21,600 and multiply by 100 | | | SDC = 0 | | | |

**FIGURE 12
DIRECT CONTACT WORK SHEET**

APPENDIX E
PHOTOGRAPHS OF SITE 2



Site 2 - (South) Note fence along
Navy property line



Site 2 - (South) Gravel parking
lot with warehouse on right



Site 2 - (North) Note Warehouses
surrounding gravel parking lot



Site 2 - (East) Edge of gravel
parking lot and site boundary

APPENDIX F
PHOTOGRAPHS OF SITE 6



Site 6 - (Northwest) View is
toward the Gulf of Mexico



Site 6 - (Southeast) Note the
dense wetland vegetation



Site 6 - (Southeast) Sigsbee Park
Housing adjacent to the site



Site 6 - (Southeast) Note Sigsbee
Park in background