

N60508.AR.000514
NAS WHITING FIELD
5090.3a

LETTER CONFIRMING PROGRESS AND CONTINUING ACTION TOWARDS COMPLIANCE
WITH GROUNDWATER CONTAMINATION WITH ATTACHMENTS NAS WHITING FIELD FL
2/11/1988
NAS WHITING FIELD



DEPARTMENT OF THE NAVY

COMMANDING OFFICER
NAVAL AIR STATION
WHITING FIELD
MILTON, FLORIDA 32570-8000

01.01.00.0003

ID 00003

5090
Ser 18300/0203

FEB 11 1988

REGISTERED MAIL - RETURN RECEIPT REQUESTED

Mr. Lee A. DeHihns, III
Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, GA 30365

Dear Mr. DeHihns:

As agreed upon between Commander Naval Facilities Engineering Command and EPA Headquarters on September 23, 1987, enclosure (1) and information previously submitted satisfies the Preliminary Assessment requirements of Section 120(d)(1) of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

Enclosures (2) through (8) confirm substantial progress and continuing actions in compliance with the Comprehensive Response, Compensation, and Liability Act of 1980 (CERCLA).

Sincerely,

J. D. MACFARQUHAR
Lieutenant Commander
By direction of the
Commanding Officer

Enclosures:

- (1) Potential Hazardous Waste Site Preliminary Assessment
- (2) NASWF ltr 5090 Ser 1379 of July 9, 1985
- (3) EPA ltr 4PM-EA/AGL of Aug. 26, 1985
- (4) SOUTHNAVFACENGCOM ltr 5090 Code 1142/11 of Jan. 10, 1986
- (5) EPA ltr 4PM-EA/JLH of March 5, 1986
- (6) SOUTHNAVFACENGCOM ltr 5090 Code 1143/11 of May 5, 1986
- (7) SOUTHNAVFACENGCOM ltr 5090 Code 1143/11 of Dec. 24, 1986
- (8) NASWF ltr Code 18300 of June 3, 1981

Copy to:

→ SOUTHNAVFACENGCOM



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE: 02 SITE NUMBER
FL 07

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)
NAS Whiting Field

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

03 CITY: Milton

04 STATE: FL 05 ZIP CODE: 32570 06 COUNTY: Santa Rosa 07 COUNTY CODE: 57 08 CONG. DIST.: 1

09 COORDINATES LATITUDE: 30 41 56. LONGITUDE: -87 01 37

10 DIRECTIONS TO SITE (Starting from nearest public road)

III. RESPONSIBLE PARTIES

01 OWNER (if known)
Naval Air Station

02 STREET (Business, mailing, residential)
Whiting Field

03 CITY: Milton 04 STATE: FL 05 ZIP CODE: 32570 06 TELEPHONE NUMBER: (904) 623-7181

07 OPERATOR (if known and differs from owner)
Naval Air Station

08 STREET (Business, mailing, residential)
Whiting Field

09 CITY: Milton 10 STATE: FL 11 ZIP CODE: 32570 12 TELEPHONE NUMBER: (904) 623-7181

13 TYPE OF OWNERSHIP (Check one)
 A. PRIVATE B. FEDERAL: Navy (Agency name) C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER: (Specify) G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

A. RCRA 3001 DATE RECEIVED: 7, 10, 81 (MONTH DAY YEAR) B. UNCONTROLLED WASTE SITE (RCRA 103(a)) DATE RECEIVED: / / (MONTH DAY YEAR) C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
 YES DATE: 05, 1, 85 (MONTH DAY YEAR) NO

BY (Check all that apply)
 A. EPA B. EPA CONTRACTOR C. STATE D. OTHER CONTRACTOR
 E. LOCAL HEALTH OFFICIAL F. OTHER: (Specify)

CONTRACTOR NAME(S): Envirodyne Engineers, Inc.

02 SITE STATUS (Check one)
 A. ACTIVE B. INACTIVE C. UNKNOWN

03 YEARS OF OPERATION
1943 (BEGINNING YEAR) 1974 (ENDING YEAR) UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Lead, Benzene, Toluene and EDB

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater contamination

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
 A. HIGH (Inspection required promptly) B. MEDIUM (Inspection required) C. LOW (Inspect on site action board) D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT: J. D. Macfarquhar, LCDR, CEC, USN 02 OF (Agency, Organization): Public Works Officer, NAS Whiting Field 03 TELEPHONE NUMBER: 904 623-7268

04 PERSON RESPONSIBLE FOR ASSESSMENT: Same as 01 above 05 AGENCY: 06 ORGANIZATION: 07 TELEPHONE NUMBER: () 08 DATE: / / (MONTH DAY YEAR)

Enc 1A

62863/774
COPIES
PARTIAL

5090
Code: 18300/Ser 13
9 JUL 1985

Mr. Arthur Linton
Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, GA

Subj: INITIAL ASSESSMENT STUDY OF THE NAVAL AIR STATION, WHITING FIELD,
MILTON, FL

Dear Mr. Linton:

Enclosed is a copy of the Initial Assessment Study (IAS) of the Naval Air Station Whiting Field, May 1985.

This document was prepared under the Navy Assessment and Control of Installation Pollutants (NACIP) Program. The NACIP Program is the Navy's counterpart of the EPA's Superfund Program.

The study is submitted at the request of the Naval Energy and Environmental Support Activity. Should you have any question or comments concerning this matter, please contact Mr. Benny Locklear, Naval Air Station Whiting Field at telephone number (904) 623-7181.

Sincerely,

R. A. KECHTER
By direction

Enclosure

Enc 1(2)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

1141
[Handwritten signature]

[Handwritten signature]

AUG 26 1985
4PM-EA/AGL

Commanding Officer
Department of the Navy
Naval Air Station
Whiting Field
Milton, Florida 32570

Whiting Field / 11

ATTENTION: Mr. R.A. Kechter or
Danny Locklear
5090 Code 18300/SER

Dear Sir:

This office has reviewed the May 1985, Initial Assessment Study of the Naval Air Station Whiteing Field that was conducted pursuant to the NACIP and CERCLA.

The following comments are offered for your consideration:

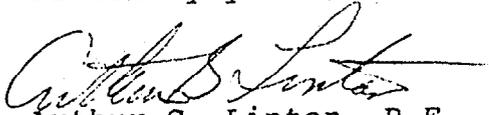
1. There are several sites (#4,7,8,9 & 12) where tetraethyl lead is the principal pollutant of concern due to disposal or release of POL or fuel sludges. While the proposed soil sampling will help confirm the presence/absence of lead, it would be desirable to sample the shallow groundwater for lead and POL as well. Indeed, if the soil samples confirm presence of lead, the groundwater will need to be sampled in the next phase of investigation.
2. Due to the possible diversity of pollutants at sites 1, 10, 11, 13, 14, 15 and 16 a wider range of parameters are to be analyzed. This is well justified and the parameters appear to be selected to detect possible release of pollutants, however the Navy may wish to consider analysis of the groundwater for all 123 priority pollutants on a one time basis.
3. Whenever groundwater sampling is proposed using a single well point we note that it probably will not be possible to confirm that the sampling well is located downgradient from the potential source without more information on water table elevations. This may be alleviated by comparing observed water tables in several wells when they are within the same groundwater flow regime, as when sites are in proximity to one another, however it may be desirable to install more than one well at some sites.

4. The proposed study does not appear to provide for collection of background groundwater quality data at any site. Such data is necessary to confirm or evaluate degradation or changes due to potential releases.

5. If sampling of the shallow groundwater indicates presence of pollutants associated with these sites it will be necessary, in subsequent investigations, to determine if there is vertical migration to lower aquifers. This is already of concern to the authors of the proposed study as they discuss possible impacts on the Navy's Northern and Southern potable supply wells. At a minimum, we recommend that these wells be sampled and analyzed for all 123 priority pollutants if this data is not currently available.

EPA Region IV appreciates the opportunity to review the proposed study plan and to provide comments which are offered in a constructive sense. Further inquiries or requests may be directed to either Arthur G. Linton, Federal Facilities Coordinator, at FTS 257-3776 or Wayne Mathis at FTS 257-4096.

Sincerely yours,



Arthur G. Linton, P.E.
Federal Facilities Coordinator
Office of Policy and Management

cc: Mr. D.R. Spell, Naval Facilities Engineering Command
Mr. Eric Nuzie, Florida Department of Environmental Regulation

cc
Call
11
JH

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DR., P. O. BOX 10068
CHARLESTON, S. C. 29411-0068

PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE OFFICE OF THIS LETTER.
Code 1142/11

10 JAN 1986



Mr. John Ruddell
Florida Department of Environmental Regulation
Bureau of Operations
Twin Towers Building
2600 Blair Stone Road
Tallahassee, FL 32301-8241

COP
/180

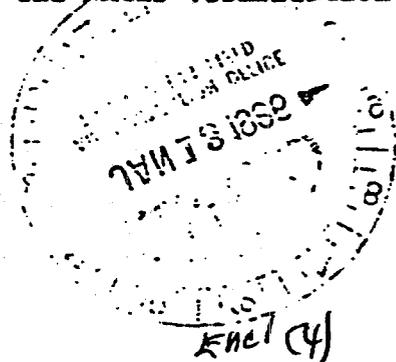
Subj: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP) PROGRAM
VERIFICATION STUDY PLAN OF ACTION, NAS WHITING FIELD, FL

Dear Mr. Ruddell:

As was requested during a meeting in Pensacola, FL on 17 December 1985 between Florida Department of Environmental Regulation (FDER) and Navy personnel, this letter is forwarded to provide your office copies of the NACIP Program Verification Study Plan of Action for NAS Whiting Field, Florida. It is also intended to explain the tracking of the Whiting Field NACIP sites.

The initial identification of past disposal sites on NAS Whiting Field was conducted by NAS Whiting Field personnel in 1983. These sites were identified to aid the groundwater consulting firm of Geraghty & Miller, Inc. in preparing a Groundwater Monitoring Plan for the NAS. This initial identification of sites yielded six landfill sites. While gathering information for the Groundwater Monitoring Plan, Geraghty & Miller personnel identified an additional landfill site, a battery acid disposal site, a waste solvent underground storage site, an AVGAS spill site, and two crash crew training areas which potentially could have been discharging to the groundwater. After a records search, personnel interviews and observing site conditions, Geraghty & Miller recommended that nine of the twelve sites identified be monitored in a Groundwater Monitoring Plan excluding the two crash crew training areas and the AVGAS spill site.

In a 25 October 1984 letter from Mr. Thomas Moody, FDER Northwest District, to Captain C. L. Lavinder, NAS Whiting Field, Mr. Moody explained that the Whiting Field Groundwater monitoring Plan would be held in abeyance until an initial sampling and analysis at disposal sites was conducted. During a 20 November 1984 meeting in Pensacola, Florida between FDER and Navy personnel, it was confirmed that the FDER would hold the groundwater monitoring plan in abeyance until groundwater monitoring was conducted in the NACIP Verification Study.



5090
Code 1142/11

10 JAN 1986



The first phase of the NACIP Program, the Initial Assessment Study (IAS), was completed at NAS Whiting Field in May 1985 by Envirodyne Engineers. This study which was intended only to identify past disposal sites, identified ten of the twelve sites in the groundwater monitoring plan plus six additional sites giving a total of sixteen sites. The two sites in the groundwater monitoring plan not identified in the IAS were the two crash crew training areas. The six additional sites identified in the IAS were one waste fuel disposal pit, one transformer oil disposal area, two AVGAS tank sludge disposal areas, one sanitary landfill and one general disposal area. The IAS recommended that further study be conducted at fifteen of the sixteen sites identified. It did not recommend further study at Site #2, the Northwest Open Disposal Area because of the nonhazardous nature of the materials disposed.

Geraghty & Miller was contracted by the Navy to conduct the Phase II NACIP work, Verification and Characterization Studies, for the recommended sites. The Verification Study Plan of Action was completed in November 1985 giving specific recommendations for verification field work at fifteen sites. This Plan of Action was informally distributed during the 17 December 1985 meeting and is formally provided to you as enclosure (1). From discussions held during the 17 December 1985 meeting, some additions to the Verification Plan of Action were suggested and they are contained in Table 1 as an addendum to the November 1985 Plan of Action.

The complete identification of past waste disposal sites at NAS Whiting Field has been conducted under various contracts over the past three years. Site numbers have not been consistent making it difficult to track a given site throughout the program. Because of this, Table 2 is provided to clarify the tracking process. The columns (vertical) show what sites were identified in a given study and the rows (horizontal) show the site names and numbers as they have changed from study to study. Figure 1 is provided as a reference figure for each site. Site numbers on Figure 1 are consistent with the numbering system used in the IAS and Verification Plan of Action.

We are prepared to begin Verification Field Work upon your review of the enclosed Plan of Action and addendum to the Plan of Action.

Should you have any questions or comments concerning this matter, please contact Mr. A. L. Chestnut at (803) 743-5510.

Sincerely,

D. R. SPELL
By direction

Encl:
(1) Plan of Action

Copy to:
NAS Whiting Field
Geraghty & Miller (Mr. P. Palmer)
FDER (Mr. Moody)
EIA Region IV (Mr. Linton)



TABLE 1. ADDITIONAL WORK TO BE PERFORMED IN VERIFICATION STUDY

SITE	ADDITIONAL WORK TO BE PERFORMED
Site # 1	Analyze both the groundwater and surface water samples for acid and base neutral organics and additional metals*
Site # 2	No further study recommended.
Site # 3	Analyze soil and groundwater samples for MIBK, As Ba Hg, Se, Ag and phenols.
Site # 4	Install one monitor well tapping the shallow surficial sands and analyze the groundwater for naphthalene, EPA Method 602 and EDB.
Site # 5	Site being studied under Consent Order with FDER.
Site # 6	No changes
Site # 7	Install one monitor well tapping the shallow surficial sands and analyze the groundwater for EPA Method 602, EDB, lead, and naphthalene.
Site # 8	Install one monitor well tapping the shallow surficial sands and analyze the groundwater for EPA Method 602, EDB, lead, and naphthalene.
Site # 9	Install one monitor well tapping the shallow surficial sands and analyze the groundwater for EPA Method 602, EDB, lead, and naphthalene.
Site # 10	Analyze the groundwater for acid and base neutral organics and additional metals.*
Site # 11	Analyze the groundwater for acid and base neutral organics and additional metals.*
Site # 12	Install one monitor well tapping the shallow surficial sands and analyze the groundwater for EPA Method 602, EDB, lead and naphthalene.

SITE

ADDITIONAL WORK TO BE PERFORMED

-
- | | |
|--|--|
| Site # 13 | Analyze the groundwater for acid and base neutral organics and additional metals.* |
| Site # 14 | Analyze the groundwater for acid and base neutral organics and additional metals.* |
| Site # 15 | Analyze the groundwater for acid and base neutral organics and additional metals.* |
| Site # 16 | Analyze the groundwater for acid and base neutral organics and additional metals.* |
| Site # 17
Firefighter
Training Area
(North) | Install one monitor well tapping the shallow surficial sands and analyze the groundwater for base neutral organics, PCBs and metals. |
| Site # 18
Firefighter
Training Area
(South) | Install one monitor well tapping the shallow surficial sands and analyze the groundwater for base neutral organics, PCBs and metals. |

* Additional metals include antimony, arsenic, beryllium, mercury selenium, silver, and thalium.

TABLE 2. TRACKING OF NACIP SITES AT NAS WHITING FIELD, FLORIDA

Initial Assessment by Whiting Personnel in 1983	Hydrogeologic Assessment & Groundwater Monitoring Plan, US NAS Whiting Field, June 26, 1984	IAS of NAS Whiting Field May 1985	Verification Study Plan of Action November 1985 and Addendum to Plan of Action, Jan 1986 for NAS Whiting Field, FL
Landfill 1	Landfill 1	Site 12, Tetraethyl Lead Disposal Area	Site 12, Tetraethyl Lead Disposal Area
Landfill 2	Landfill 2	Site 11, Southeast Open Disposal Area (B)	Site 11, Southeast Open Disposal Area (B)
Landfill 3	Landfill 3	Site 10, Southeast Open Disposal Area (A)	Site 10, Southeast Open Disposal Area (A)
Landfill 4	Landfill 4	Site 15, Southwest Landfill	Site 15, Southwest Landfill
Landfill 5	Landfill 5	Site 16, Open Disposal and Burning Area	Site 16, Open Disposal and Burning Area
Landfill 6	Landfill 6	Site 13, Sanitary Landfill	Site 13, Sanitary Landfill
	Landfill 7	Site 2, Northwest Open Disposal Area *	Site 12, Northwest Open Disposal Area *
	Battery Shop	Site 5, Battery Acid Seepage Pit	Site 5, Battery Acid Seepage Pit
	Solvent Storage Site	Site 3, Underground Waste Solvent Storage Area	Site 3, Underground Waste Solvent Storage Area
	AVGAS Spill *	Site 8, AVGAS Fuel Spill Area	Site 8, AVGAS Fuel Spill Area

TABLE 2. TRACKING OF NACIP SITES AT NAS WHITING FIELD, FLORIDA

Initial Assessment by Whiting Personnel in 1983	Hydrogeologic Assessment & Groundwater Monitoring Plan, US NAS Whiting Field, June 26, 1984	IAS of NAS Whiting Field May 1985	Verification Study Plan of Action November 1985 and Addendum to Plan of Action, Jan 1986 for NAS Whiting Field, FL
Crash Crew Training, South *			Site 18, Fire Fighter Training Area (South)
Crash Crew Training, North *			Site 17, Fire Fighter Training Area (North)
		Site 1, Northwest Disposal Area	Site 1, Northwest Disposal Area
		Site 4, North AVGAS Tank Sludge Disposal Area	Site 4, North AVGAS Tank Sludge Disposal Area
		Site 6, South Transformer Oil Disposal Area	Site 6, South Transformer Oil Disposal Area
		Site 7, South AVGAS Tank Sludge Disposal Area	Site 7, South AVGAS Tank Sludge Disposal Area
		Site 9, Waste Fuel Disposal Pit	Site 9, Waste Fuel Disposal Pit
		Site 14, Short Term Sanitary Landfill	Site 14, Short Term Sanitary Landfill

* Study recommended no further work for site

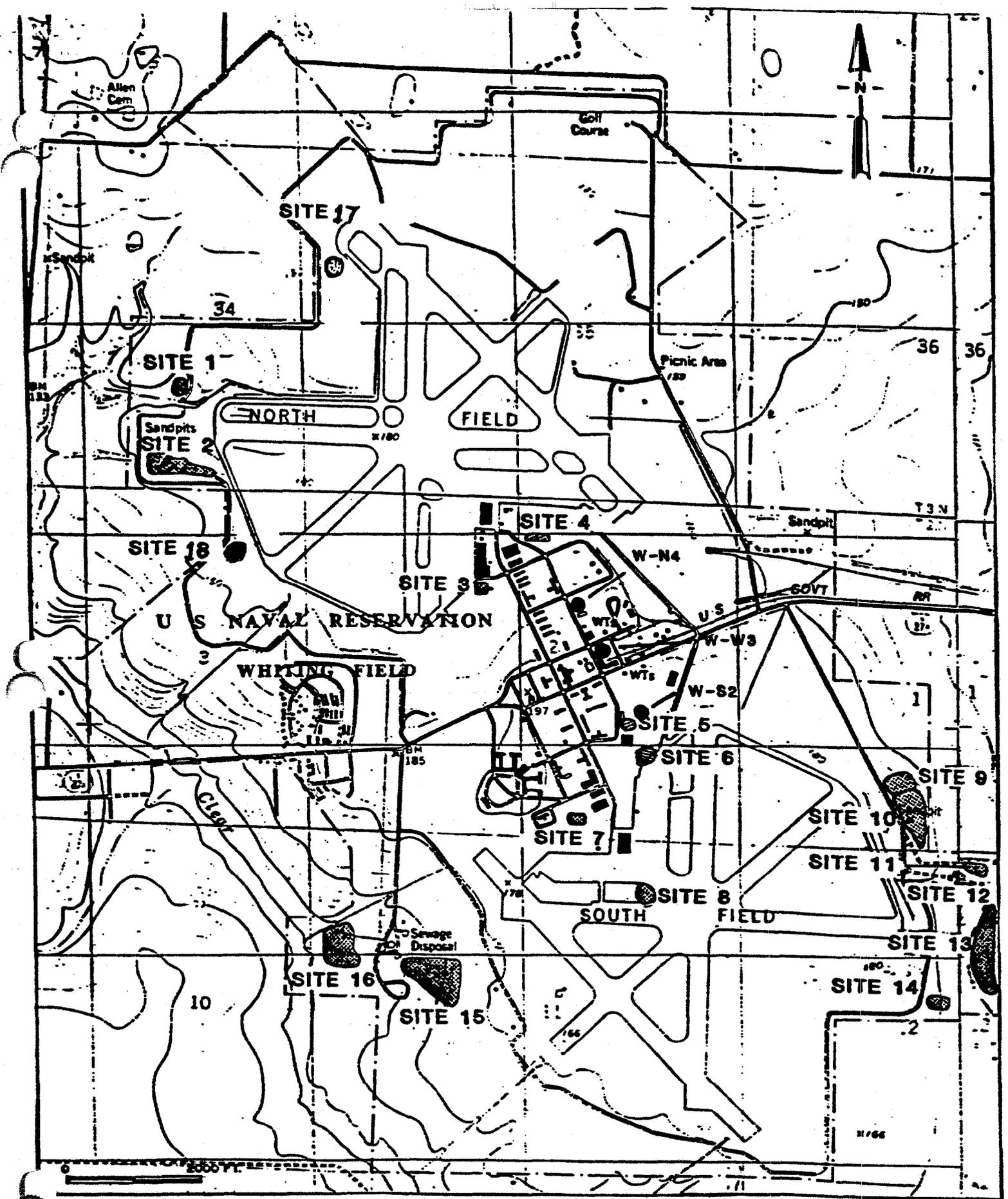


Figure 1. Disposal Sites At NAS Whiting Field Florida



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

Action →

MAR 5 1986

4PM-EA/JLH

Commanding Officer
Department of the Navy
U.S. Naval Air Station
Whiting Field
Milton, Florida 32570

Attention: Mr. Dan Locklear

Ref: Naval Assessment and Control of Installation Pollutants
(NACIP) Program Verification Study Plan of Action

Dear Sir:

These comments are provided in response to information provided in the above referenced document and in copies of correspondence with the State of Florida dated January 10, 1986.

1. Plans to provide only one (1) downgradient well at individual sites and correspondingly no upgradient wells are inadequate in terms of determining the presence and extent of potential groundwater contaminated plumes.
2. Plans to monitor the groundwater in wells at individual sites are inadequate in both frequency and number of samples.
3. Sites selected for confirmation studies need to include any that were used for fire training (usually associated with the operation of military aircraft).

Sincerely yours,

Arthur G. Linton, P.E.
Regional Federal Facilities Coordinator
Environmental Assessment Branch
Office of Policy and Management

cc: Mr. D.L. Spell, NFEC, Charleston
Mr. Bob McVeaty, FDER, Tallahassee

Ehe1 (5)



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DR., P. O. BOX 10068
CHARLESTON, S. C. 29411-0068



PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE SIGNER OF THIS LETTER.
REFER TO:

5090
Code 1143/11

05 MAY 1986

Rec 5/8/86
Woff
gork
PWS
file

Mr. Arthur G. Linton
Federal Facilities Coordinator
Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, GA 30365

Subj: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP) PROGRAM
VERIFICATION STUDY, NAS WHITING FIELD

Dear Mr. Linton:

In response to your letter of 5 March 1986 regarding the Work Plan for the subject study, the following information is provided.

The NACIP Program is a three phase program designed to systematically identify and assess contamination potential at naval and Marine Corps installations. The three phases are:

Phase I Initial Assessment Study (IAS) - collecting and evaluating all evidence which indicates the existence of pollutants which may have contaminated a site or pose an imminent health hazard for people located on or off the installation.

Phase II Confirmation Study (CS) - performing field investigations, including physical and analytical monitoring, to confirm or deny contamination or a health hazard and to quantify the extent of any problem which may exist. The CS is further subdivided into two phases:

Verification - verifying whether contamination exists from past waste disposal practices.

Characterization - quantifying and qualifying the extent of any contamination found during verification.

Phase III Corrective Measures - instituting needed remedial measures to control and mitigate contamination.

As is explained above, the Verification Study is intended to verify whether contamination exists at a site. If contamination is found, the Characterization Study is designed to determine the extent of the

Encl (6)

contamination plume and the rate of movement of the plume. Therefore, attempting to define the contamination plume in the Verification Study as you recommend is premature. Likewise the frequency and number of samples taken at sites in the Verification Study is not as extensive as in the Characterization Study. A more elaborate sampling scheme is utilized in the Characterization Study if the Verification Study detects contamination.

As was discussed in my letter to Mr. John Ruddell of 10 January 1986, both sites used for fire fighter training at NAS Whiting Field have been added to the Verification Study and if necessary will be investigated in the Characterization Study.

Field work for the Verification Study at NAS Whiting Field will begin on 5 May 1986. A copy of the final report of this study will be forwarded to your office as soon as it is available. Should you have any questions concerning this matter, please contact Mr. A. L. Chestnut at (803) 743-5510.

Sincerely,

D. R. SPELL, P.E.
Environmental Protection
Coordination Officer

Copy to:
NAS Whiting Field (Mr. Danny Locklear)
FDER Tallahassee (Mr. John Ruddell)
Geraghty & Miller (Mr. Bill Bocskocsky)





DEPARTMENT OF THE NAVY

SOUTHERN DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

2155 EAGLE DR., P. O. BOX 10068

CHARLESTON, S. C. 29411-0068

5
5274
NOV 20 1986
PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE SIGNER OF THIS LETTER.
REFER TO:

5090
Code 1143/11
fweP

84 DEC 1986

Mr. Arthur Linton
Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, GA

Subj: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS (NACIP) PROGRAM
VERIFICATION STUDY FINAL REPORT, NAVAL AIR STATION (NAS), WHITING FIELD

Dear Mr. Linton:

Enclosed are three copies of the Final Verification Study Report for NAS Whiting Field dated December 1986 for your review and comments. After we receive your comments on this study, we will prepare a Plan-of-Action for the next phase of work, the Characterization Study. At that time we will forward the Plan of Action to you and may request a meeting with you and the Florida Department of Environmental Regulation to discuss the Plan-of-Action before field work begins.

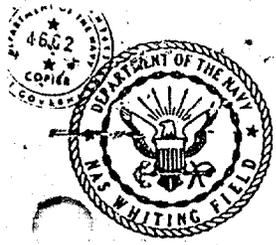
Should you have any questions concerning this matter, please contact Mr. Sonny Chestnut at (803) 743-5510.

Sincerely,
D. R. SPELL, P.E.
Head Environmental Division

Encl:
(1) Verification Report (3 copies)

Copy to: (w/o encl)
FDER Tallahassee (Mr. J. Ruddell)
FDER Northwest District (Mr. Thomas Moody)
NAS Whiting Field (Mr. Danny Locklear)

Encl (7)



410 2el
DEPARTMENT OF THE
COMMANDING OFFICE
NAVAL AIR STATION
WHITING FIELD
MILTON, FLORIDA 32570

Section # 6 Document # 1.2

IN REPLY REFER TO
Code 18300

3 JUN 1981

United States Environmental Protection Agency
Region 4
Sites Notification
Atlanta, GA 30308

Subj: Notification of Hazardous Waste Sites

Gentlemen:

As mandated by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act 1980 PL 96-510, five Notification of Hazardous Waste Site forms (EPA 8900-1) and a hazardous waste sites location plan are forwarded.

If you need any further information, please contact Mr. Kapur at 904-623-7268 or Mr. Locklear at 904-623-7306.

Very truly yours,

T. D. McCLURE
Commander, CEC, U. S. Navy
By direction of the
Commanding Officer

Encl:

Notification of Hazardous Waste Site forms (EPA 8900-1), (5)
and a hazardous waste site location plan

Copy to:

SOUTHNAVFACENGCOM
CNET (Code N10B4)
NEESA, Port Hueneme, CA 93243
PWC, NAS Pensacola, FL

Identification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

Identification information is required under Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 and must be submitted by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Commanding Officer
Street NAS Whiting Field
City Milton, State FL Zip Code 32570

Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Site #1
Street NAS Whiting Field
City Milton County Santa Rosa State FL Zip Code 32570

Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Kapur, Naresh, Civil Engineer
Phone 904-623-7268

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1965 To (Year) Present

Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. Organics
- 2. Inorganics
- 3. Solvents
- 4. Pesticides
- 5. Heavy metals
- 6. Acids
- 7. Bases
- 8. PCBs
- 9. Mixed Municipal Waste
- 10. Unknown
- 11. Other (Specify)
Tetra Ethyl Lead
residue from fuel
tanks/fuel filter

Source of Waste:

Place an X in the appropriate boxes.

- 1. Mining
- 2. Construction
- 3. Textiles
- 4. Fertilizer
- 5. Paper/Printing
- 6. Leather Tanning
- 7. Iron/Steel Foundry
- 8. Chemical, General
- 9. Plating/Polishing
- 10. Military/Ammunition
- 11. Electrical Conductors
- 12. Transformers
- 13. Utility Companies
- 14. Sanitary/Refuse
- 15. Photofinish
- 16. Lab/Hospital
- 17. Unknown
- 18. Other (Specify)
Fuel supply

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Facility Type

- 1. Piles
2. Land Treatment
3. Landfill
4. Tanks
5. Impoundment
6. Underground Injection
7. Drums, Above Ground
8. Drums, Below Ground
9. Other (Specify)

Total Facility Waste Amount

cubic feet 4,000

gallons

Total Facility Area

square feet 1900

acres

Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

- Known Suspected Likely None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites.

Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location.

See Site #1 on attached map

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing.

This 75 x 25' area is fenced with a sign board KEEP OUT TETRA ETHYL LEAD BURIES HERE DO NOT UNCOVER. Under 2' cover, 2 AV gas sediment is buried. Located next to a small drainage ditch. This area is vegetated.

Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A).

Name T. D. McCLURE, CDR, CEC, USN, by direction of CO

Street Public Works Officer, NAS Whiting Field

City Milton, State FL Zip Code 32570

Signature Date 6/2/81

- Owner, Present
Owner, Past
Transporter
Operator, Present
Operator, Past
Other

Use appropriate boxes to indicate facility types found at the site.

Use "total facility waste amount" space to indicate estimated combined quantity of hazardous wastes at the site in cubic feet or gallons.

Use "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

- Facility Type**
1. Piles
 2. Land Treatment
 3. Landfill
 4. Tanks
 5. Impoundment
 6. Underground Injection
 7. Drums, Above Ground
 8. Drums, Below Ground
 9. Other (Specify) _____

Total Facility Waste Amount

cubic feet Unknown

gallons _____

Total Facility Area

square feet 200,000

acres _____

Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Known Suspected Likely None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Site #2 on attached map

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This site was used as a general land fill for all kinds of perishable/non-perishable SW. This site had uncontrolled access during 1943-1970. Some HW/waste oil dumping during this period is suspected. This area is vegetated.

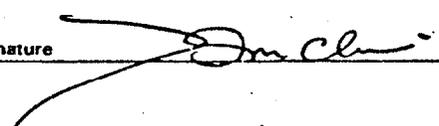
Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. D. McCLURE, CDR, CEC, USN, By direction of CO

Street Public Works Officer, NAS Whiting Field

City Milton, State FL Zip Code 32570

Signature  Date 6/2/81

- Owner, Present
- Owner, Past
- Transporter
- Operator, Present
- Operator, Past
- Other

...ity:
 ... the appropriate box to
 ... facility types found at the site.
 ... total facility waste amount" space
 ... the estimated combined quantity
 ... (volume) of hazardous wastes at the site
 ... in cubic feet or gallons.
 ... the "total facility area" space, give the
 ... estimated area size which the facilities
 ... occupy using square feet or acres.

- facility type
1. Piles
 2. Land Treatment
 3. Landfill
 4. Tanks
 5. Impoundment
 6. Underground Injection
 7. Drums, Above Ground
 8. Drums, Below Ground
 9. Other (Specify) _____

total facility waste amount
 cubic feet _____
 gallons Small quantity - Unknown
 Total Facility Area
 square feet 160,000
 acres _____

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Known Suspected Likely None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Site #3 on attached plan.

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This landfill site was used during 1965-1973 mostly for inert type waste--like trees, limbs, metal cans, etc. No hW/HM was supposed to be dumped here, but the possibility cannot be entirely ruled out. Partially vegetated.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. D. McCLURE, CDR, CEC, USN, By direction of CO
 Street Public Works Officer, NAS Whiting Field
 City Milton State FL Zip Code 32570
 Signature *T. D. McClure* Date 6/2/81

- Owner, Present
- Owner, Past
- Transporter
- Operator, Present
- Operator, Past
- Other

Notification information is Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 and must be filed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Commanding Officer
Street NAS Whiting Field
City Milton State FL Zip Code 32570

Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Site #4 (See Attached Plan)
Street NAS Whiting Field
City Milton County Santa Rosa State FL Zip Code 32570

Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Kapur, Naresh, Civil Engineer
Phone 904-623-7268

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1965 To (Year) 1979

Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

Source of Waste:

Place an X in the appropriate boxes.

- 1. Organics
- 2. Inorganics
- 3. Solvents
- 4. Pesticides
- 5. Heavy metals
- 6. Acids
- 7. Bases
- 8. PCBs
- 9. Mixed Municipal Waste
- 10. Unknown
- 11. Other (Specify)
Paint stripping
waste

- 1. Mining
- 2. Construction
- 3. Textiles
- 4. Fertilizer
- 5. Paper/Printing
- 6. Leather Tanning
- 7. Iron/Steel Foundry
- 8. Chemical, General
- 9. Plating/Polishing
- 10. Military/Ammunition
- 11. Electrical Conductors
- 12. Transformers
- 13. Utility Companies
- 14. Sanitary/Refuse
- 15. Photofinish
- 16. Lab/Hospital
- 17. Unknown
- 18. Other (Specify)
Painting & paint
stripping operation at
Aircraft Intermediate
Maintenance Department

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

ity:
 the appropriate box to
 facility types found at the site.
 "total facility waste amount" space
 the estimated combined quantity
 (me) of hazardous wastes at the site
 ng cubic feet or gallons.
 in the "total facility area" space, give the
 estimated area size which the facilities
 occupy using square feet or acres.

Facility Type

1. Piles
2. Land Treatment
3. Landfill
4. Tanks
5. Impoundment
6. Underground Injection
7. Drums, Above Ground
8. Drums, Below Ground
9. Other (Specify) HM/HW from AIMD, Etc.

Total Facility Waste Amount

cubic feet _____
 gallons 10,000
Total Facility Area
 square feet _____
 acres 10

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment. Known Suspected Likely None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Site #4 on attached plan.

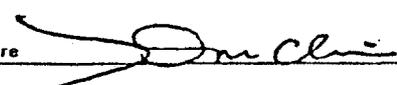
I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

This sanitary landfill located in SW area of NASWF has been used during 1965-79 and not presently used. From time to time oil residue, paint stripping waste, and other HM/HW were dumped in this area along fence line. Clear Creek is about 500 yards to the west.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. D. McCLURE, CDR,CEC,USN By direction
 Street Public Works Officer, NAS Whiting Field
 City Milton State FL Zip Code 32570
 Signature  Date 6/2/01

- of CO
 Owner, Present
 Owner, Past
 Transporter
 Operator, Present
 Operator, Past
 Other



Notification of Hazardous Waste Site

Environmental Protection Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be filed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Commanding Officer
Street NAS Whiting Field
City Milton, State FL Zip Code 32570

Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Site #5 (See attached plan)
Street NAS Whiting Field
City Milton County Santa Rosa State FL Zip Code 32570

Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Kapur, Naresh Civil Engineer
Phone 904-623-7268

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1943 To (Year) 1965

Site Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

Source of Waste:
Place an X in the appropriate boxes.

- 1. Organics
- 2. Inorganics
- 3. Solvents
- 4. Pesticides
- 5. Heavy metals
- 6. Acids
- 7. Bases
- 8. PCBs
- 9. Mixed Municipal Waste
- 10. Unknown
- 11. Other (Specify)
Waste Oil

- 1. Mining
- 2. Construction
- 3. Textiles
- 4. Fertilizer
- 5. Paper/Printing
- 6. Leather Tanning
- 7. Iron/Steel Foundry
- 8. Chemical, General
- 9. Plating/Polishing
- 10. Military/Ammunition
- 11. Electrical Conductors
- 12. Transformers
- 13. Utility Companies
- 14. Sanitary/Refuse burned
- 15. Photofinish
- 16. Lab/Hospital
- 17. Unknown
- 18. Other (Specify)

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

Waste Quantity:
 Place an X in the appropriate boxes to indicate the facility types found at the site.
 In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.
 In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

- Facility Type**
1. Piles
 2. Land Treatment
 3. Landfill
 4. Tanks
 5. Impoundment
 6. Underground Injection
 7. Drums, Above Ground
 8. Drums, Below Ground
 9. Other (Specify) _____

Total Facility Waste Amount
 cubic feet _____
 gallons Unknown
Total Facility Area
 square feet _____
 acres 1.5 +

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Known Suspected Likely None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Site #5 on attached map.

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Located in SW corner of NASWF close to treatment plant. This was used as landfill during 1943-1965. Most of refuse and other kinds of waste was burned. This may include paints and oily wastes and metal things. Although no HW/HW was supposed to be dumped, the possibility cannot be ruled out. Presently vegetated. 300 Yards from Clear Creek.

Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name T. D. McCLURE, CDR, CEC, USN, By direction of CO
 Street Public Works Officer, NAS Whiting Field
 City Milton, State FL Zip Code 32570
 Signature *T. D. McClure* Date 6/2/81

- Owner, Present
- Owner, Past
- Transporter
- Operator, Present
- Operator, Past
- Other

