State Form 6220

[redacted]ARTMENT OF ENVIRONMENTAL MANAGEMENT

INDIANAPOLIS

OFFICE MEMORANDUM

DATE: December 17, 1991

TO: File

THRU:

FROM: John P. Naddy JPN
Site Investigation Section

SUBJECT: Swift Adhesives and Coatings Site
Hammond, Indiana
IND060370343

Staff of the Office of Environmental Response, Site Investigation Section, have reviewed the Focused Site Inspection Prioritization Review (FSIPR) of the above mentioned site. The State concurs with the findings in the FSIPR by Ecology and Environment, but believes that the site merits a low priority status.

State Form 4136

Harry A.

# DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INDIANAPOLIS

## OFFICE MEMORANDUM

DATE: October 30, 1987

TO: Swift Adhesives and Coatings RCRA File
IND 060370343, Hammond, Lake County

THRU: David Koepper DJR

FROM: Mr. Jeffrey Michael JM 11/2/87
Compliance Monitoring Section

SUBJECT: Trip Report for the Scheduled Generator Inspection of September 17, 1987

On September 17, 1987, I inspected the location of the former Swift Adhesives and Coatings, at 1801 167th Street, Hammond, Indiana. The company has ceased operations at this location. No business operations of any type appeared to be occurring at the time. No one was present at the location at the time of inspection.

### Preinspection File Audit

The preinspection file audit revealed that the company notified as a generator on August 18, 1980, for D001, D004, and several U-listed wastes. An Order dated November 26, 1980, from the U.S. EPA, Region V indicated that EPA inspectors had discovered two cast iron pipes on the west and northwest sides of the facility which appeared to be connected to a warehouse and manufacturing building on-site. Several drums and drum liners were also noted near the plant buildings. The Order requested information on wastes generated by the company and their method of disposal, specifically if any wastes had been discharged through the pipes observed.

The Order also indicated that Ashland Oil Company had purchased the site. No response to this Order was found. No prior RCRA inspections of the site have been conducted by IDEM inspectors.

### Inspection Findings

Entry was not made on the property. All observations were made along the outside perimeter of the site. The south and east sides of the property are lined by a chain link fence. This fence stops at the northeast corner of the property, next to the Woodmar Shopping Center. No barrier is present along the north side. The site is extremely overgrown with vegetation, this prevented observation of the majority of the site. It was not possible to view the west or northwest sides of the facility. Several buildings are present on the site which appeared to be secured.

Conclusions and Recommendations

I recommend this site be referred to the Site Investigation Section for their evaluation.

JLM/mfw

cc: Mr. Harry Atkinson, Site Investigation Section

09/24/87

file 3B

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INDIANAPOLIS

OFFICE MEMORANDUM

DATE: May 5, 1986

TO: Harry E. Atkinson, Chief
Site Investigation Section

THRU:

FROM: Dean J. Nygard DJN 5/8/86
Site Investigation Section

SUBJECT: Ashland Chemical
1801 167th Street
Hammond, Lake Co
CERCLA III B

On April 17, 1986, I talked to Ron Novak of the Hammond Air Pollution Control Department and with Andrew Knott of the Office of Air Management regarding the facility we inspected on February 25, 1986. The following is a synopsis of these conversations.

Last week a contractor began removing asbestos from the facility in preparation for demolition in upcoming months. Both State and local officials observed the removal which was accomplished as required. The material was wetted then placed in six mil bags with no breakage of the bag reported. The project is to be completed in the next two weeks.

As you recall, we observed empty drums on the property and found the back of the plant to be a fill area. Mr. Novak indicated to me that a potential buyer of the property paid for a subsurface investigation of the property to satisfy the request of its insurance company. Following the study, the Handy Andy Tool Company chose not to purchase the property. Although no reason for this was given, Mr. Novak felt that the reason may have been for insurance reasons rather than with any existing contamination. He further explained that the geophysical study concluded the fill area was demolition debris, primarily rock. The groundwater study supposedly did not indicate any on-site contamination attributable to the Ashland Chemical operation.

In conclusion, I feel sufficient data has already been gathered to determine that this facility has contributed little in terms of an environmental threat. I recommend that we not pursue further action at this time.

DJN/cl

6/19

ICEP
Industrial Clean Up for Environmental Protection

P.O. BOX 3027
MUNSTER, IN 46321
(219) 932-4155

July 17, 1985

FEB 27 10 49 AM '86
DIVISION OF LAND
POLLUTION CONTROL
STATE
BOARD OF HEALTH

Rueth Development
1006 165th St.
Hammond, IN 46324

Attention: Harold Rueth

Re: Swift Plant

Gentlemen:

The following is the summary of our walk through inspection of the Swift Plant.

The plant has many pipes covered with asbestos and asbestos covering the floors. It would be a labor intensified job to clean up.

Current EPA regulations allow for a level "C" safety which will cost approximately $40.00 a day per man.

Pending regulations, if passed, could require a double air lock and level "B" safety. Level "B" safety would cost approximately $120.00 a day per man.

The estimated volume of asbestos is 1,060 c.y., all of which has to be moistened and put in 6 mil. plastic bags. The estimated cost per c.y. at level "C" safety is $550.00 c.y. x 1,050 = $577,500.00 cost.

We also observed barrels marked caustic and corrosive which will have to be individually analized and legally disposed of accordingly. PCB signs were also observed. Quantity and PPM are unknown, therefore, costs to legally and safely dispose of caustics, corrosives and PCB's are unknown but are very expensive.

The building has had no decon. We observed silos full of corrosive material coming out of the top.

The estimated quantity and cost per c.y. of the asbestos is a very conservative estimate and can only go up. No estimate of PCB cost can be given at this time but if PPM is high, the disposal cost could run as high as $1,000.00 a gallon.

If we may be of further service, please do not hesitate to contact us.

Respectfully,

James L. Hough

James L. Hough
Vice President of Operations

JLH/eam

1/5

NOV 0 2 REC'D
1983


# ecology and environment, inc.

223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415

International Specialists in the Environmental Sciences


DATE: March 22, 1983

TO: File/USEPA Region V

FROM: Jerry Kelly

SUBJECT: Preliminary Assessment
Indiana/TDD#R5-8212-02A - 126
Hammond/Swift Adhesives & Coatings
IND060370343

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. USEPA Erris files, Region V - Chicago
2.
3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

1. Machinery and Equipment Company
2. Ashland Chemical Company
3. Swift Adhesives and Coatings, Division of Estech Speciality Chemicals

Presently, data gaps or no verification exists in the following key area(s):

1. Presence of hazardous wastes
2. Current use of site
3. Site security

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Local population
2.
3.
4.
5.

Suggested methods/sources for obtaining additonal information are:

1. Site inspection
2.
3.

Notice of an apparent need for emergency action was transmitted to N/A on N/A by N/A.

recycled paper

DM

EPA

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

**I. IDENTIFICATION**

| 01 STATE | 02 SITE NUMBER |
|---|---|
| IN | IND060370343 |

**II. SITE NAME AND LOCATION**

| 01 SITE NAME (Legal, common, or descriptive name of site) | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER |
|---|---|
| Swift Adhesives & Coatings | 1801 167th Street |

| 03 CITY | 04 STATE | 05 ZIP CODE | 06 COUNTY | 07 COUNTY CODE | 08 CONG DIST |
|---|---|---|---|---|---|
| Hammond | IN | 46324 | Lake | 089 | 01 |

| 09 COORDINATES LATITUDE | LONGITUDE | |
|---|---|---|
| 41° 35' 40.0" N | 087° 28' 07.3" W | HIGHLAND, IND. TOPO |

10 DIRECTIONS TO SITE (Starting from nearest public road)
NORTH FROM I-80 4 BLOCKS ON INDIANAPOLIS BLVD. (S.R. 152), WEST ON 167TH ST. TO NO. 1801, ABOUT 1/4 MILE

**III. RESPONSIBLE PARTIES**

| 01 OWNER (If known) | 02 STREET (Business, mailing, residential) |
|---|---|
| Machinery & Equipment Co. | Box 3132 |

| 03 CITY | 04 STATE | 05 ZIP CODE | 06 TELEPHONE NUMBER |
|---|---|---|---|
| San Francisco | CA | 94119 | (219) 844-3333 ← IN # Art Olson M+E Rep. |

| 07 OPERATOR (If known and different from owner) | 08 STREET (Business, mailing, residential) |
|---|---|
| Ken Rowell (President) | Box 3132 |

| 09 CITY | 10 STATE | 11 ZIP CODE | 12 TELEPHONE NUMBER |
|---|---|---|---|
| San Francisco | CA | 94119 | (800) 792-2975 |

13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL: _____ (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: 8 18 80 (MONTH DAY YEAR) ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: NONE (MONTH DAY YEAR) ☐ C. NONE

**IV. CHARACTERIZATION OF POTENTIAL HAZARD**

01 ON SITE INSPECTION
☒ YES ☐ NO DATE 9 17 80 (MONTH DAY YEAR)
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): _____

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

03 YEARS OF OPERATION
1958 (BEGINNING YEAR) | 1980 (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Ashland processed animal and vegetable fats and used phenol in manufacturing epoxy resins. Asbestos insulation was also used on site. Transformers contain PCB levels up to 579 ppm.
PCB - TOXIC, ASBESTOS - TOXIC phenols - (toxic)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
UNKNOWN, SINCE THE PROPERTY WAS ABOUT TO BE CLEARED 2½ YRS AGO, AT THE TIME OF THE MOST RECENT SITE INSPECTION/REPORT.

**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 time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

**VI. INFORMATION AVAILABLE FROM**

| 01 CONTACT | 02 OF (Agency/Organization) | 03 TELEPHONE NUMBER |
|---|---|---|
| Richard Boice | USEPA, Region V, Chicago | (312) 886-6220 |

| 04 PERSON RESPONSIBLE FOR ASSESSMENT | 05 AGENCY | 06 ORGANIZATION | 07 TELEPHONE NUMBER | 08 DATE |
|---|---|---|---|---|
| | | | ( ) | / / (MONTH DAY YEAR) |

EPA FORM 2070-12 (7-81)

EPA

# POTENTIAL HAZARDOUS WASTE SITE
## PRELIMINARY ASSESSMENT
## PART 2 - WASTE INFORMATION

| I. IDENTIFICATION | |
|---|---|
| 01 STATE | 02 SITE NUMBER |
| IN | IND060370343 |

## II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

**01 PHYSICAL STATES** (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ (Specify)
- ☐ E. SLURRY
- ☒ F. LIQUID
- ☐ G. GAS

**02 WASTE QUANTITY AT SITE** (Measures of waste quantities must be independent)

TONS 1.5 est

CUBIC YARDS _____

NO. OF DRUMS 300 est

**03 WASTE CHARACTERISTICS** (Check all that apply)

- ☒ A. TOXIC
- ☒ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☐ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

## III. WASTE TYPE

| CATEGORY | SUBSTANCE NAME | 01 GROSS AMOUNT | 02 UNIT OF MEASURE | 03 COMMENTS |
|---|---|---|---|---|
| SLU | SLUDGE | | | |
| OLW | OILY WASTE | | | |
| SOL | SOLVENTS | | | |
| PSD | PESTICIDES | | | |
| OCC | OTHER ORGANIC CHEMICALS | 420.5 (est) | GAL | 3 PCB oil TRANSFORMER + 1 PCB contam TRANS. |
| IOC | INORGANIC CHEMICALS | UNKNOWN | | ASBESTOS PIPE WRAPPINGS |
| ACD | ACIDS | | | |
| BAS | BASES | 16,500 (est) | GAL | CAUSTICS - Drummed. |
| MES | HEAVY METALS | | | |

## IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

| 01 CATEGORY | 02 SUBSTANCE NAME | 03 CAS NUMBER | 04 STORAGE/DISPOSAL METHOD | 05 CONCENTRATION | 06 MEASURE OF CONCENTRATION |
|---|---|---|---|---|---|
| | | | | | |

## V. FEEDSTOCKS (See Appendix for CAS Numbers)

| CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER | CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER |
|---|---|---|---|---|---|
| FDS | | | FDS | | |
| FDS | | | FDS | | |
| FDS | | | FDS | | |
| FDS | | | FDS | | |

## VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ERRIS FILE, USEPA REGION V, CHICAGO
MEMOS FROM HAMMOND AIR POLLUTION CONTROL AUTHORITY - Hammond Ind.

EPA

# POTENTIAL HAZARDOUS WASTE SITE
## PRELIMINARY ASSESSMENT
### PART 2 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| I. IDENTIFICATION | |
|---|---|
| 01 STATE | 02 SITE NUMBER |
| IN | IND060370343 |

## II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
GROUNDWATER IS ONLY 3 TO 4 FT. BELOW SURFACE ELEVATION. SPILLED CAUSTICS MAY MIGRATE THROUGH THE UNCONSOLIDATED FILL SOIL.

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
ROUTE TO SURFACE WATER IS VIA STORM SEWERS AND THE CITY OF HAMMOND STP TO A DISCHARGE TO LAKE MICHIGAN; SURFACE WATER CONTAMINATION IS UNLIKELY.

01 [X] C. CONTAMINATION OF AIR — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1000
04 NARRATIVE DESCRIPTION
A shopping center and residential area are located E & SE of the site. During demolition, asbestos fibers may reach these areas.

01 [X] D. FIRE/EXPLOSIVE CONDITIONS — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
NO FLAMMABLE MATERIALS ARE REPORTED ON SITE.

01 [X] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 20
04 NARRATIVE DESCRIPTION
FACILITY WAS NO LONGER IN OPERATION AT TIME OF LAST INSPECTION; THE ONLY DIRECT CONTACT WOULD BE BY WORKER EXPOSURE.

01 [X] F. CONTAMINATION OF SOIL — 02 [X] OBSERVED (DATE: 9/17/80) — [X] POTENTIAL — [ ] ALLEGED
03 AREA POTENTIALLY AFFECTED: 0.3 acres (Acres)
04 NARRATIVE DESCRIPTION
A leaking drum & partially buried drum were noticed at the site.

01 [X] G. DRINKING WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
POSSIBILITY IS EXTREMELY REMOTE SINCE LOCAL POPULATION USES MUNICIPAL WATER SOURCE FROM LAKE MICHIGAN.

01 [X] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 20
04 NARRATIVE DESCRIPTION
Demolition workers could be exposed to asbestos particles.

01 [X] I. POPULATION EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1000
04 NARRATIVE DESCRIPTION
FUGITIVE ASBESTOS PARTICLES MAY BE CARRIED BY AIR TO ADJACENT COMMERCIAL AND RESIDENTIAL PROPERTIES.

EPA

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

| I. IDENTIFICATION | |
|---|---|
| 01 STATE | 02 SITE NUMBER |
| IN | IND060370343 |

**II. HAZARDOUS CONDITIONS AND INCIDENTS** (Continued)

01 [X] J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NONE PRESENT

01 [X] K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
NONE PRESENT

01 [X] L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
UNLIKELY DUE TO THE ABSCENCE OF FLORA AND FAUNA IN THIS INDUSTRIAL-COMMERCIAL AREA.

01 [X] M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) — 02 [X] OBSERVED (DATE: 9/17/80) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0
04 NARRATIVE DESCRIPTION
A LEAKING CAUSTIC DRUM WAS OBSERVED BY EPA STAFF.

01 [X] N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
DUE TO THE SIZE OF THE SITE AND THE SMALL QUANTITY OF WASTES, OFFSITE DAMAGE IS NOT LIKELY.

01 [X] O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
CAUSTICS MAY LEAK FROM DRUMS AND REACH CITY STORM DRAINS.

01 [X] P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
POSSIBILITY IS UNKNOWN DUE TO A LACK OF KNOWLEDGE OF SITE SECURITY PROVISIONS.

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

**III. TOTAL POPULATION POTENTIALLY AFFECTED:** 1000-10,000

**IV. COMMENTS**

The plant was orginally owned by Swift. Ashland took over operations around 1970 and shut down in 1978. Machinery and Equipment bought the site in 1979 and hired Brandenburg Demolitions to demolish buildings. At the time of the site inspection (9/80) demolition was to take place soon.

**V. SOURCES OF INFORMATION** (Cite specific references, e.g., state files, sample analysis, reports)

EPA Files, ERRIS, REGION V, CHICAGO

2A

June 9, 1977

Mr. Louis Kowalski, Plant Manager
Ashland Chemical Company
1801 167th Street
Hammond, Indiana 46320

Dear Mr. Kowalski:

Re: Industrial Waste Disposal

This will acknowledge receipt of a letter dated April 12, 1977, from Mr. Dennis A. Jurewicz concerning the Ashland Chemical Company plant in Hammond and the above-referenced subject.

The staff has reviewed the response, talked with the hauler regarding the disposal of the reported wastes, and believes that these wastes are being handled and disposed of in an acceptable manner. We wish to thank you for your cooperation in this industrial waste disposal inquiry.

If you have any questions relative to disposal of your industrial waste in the future, please feel free to contact our Solid Waste Management Section at AC 317/633-0176.

Very truly yours,

Roland P. Dove, Director
Division of Sanitary Engineering

BHPalin
cc: Enforcement Branch
Ashland Chemical Company

T/11
cgP
6/7

HAZARDOUS WASTE WORK SHEET

GENERATOR ASHLAND CHEMICAL CO.

ADDRESS 2501 165TH STREET

HAMMOND, IND.

TELEPHONE

PERSON(S) CONTACTED

Waste Description (process, treatment, dewatering device, chemical characteristics, physical characteristics, i.e. percent solids)

2/25/77 - INDUSTRIAL WASTE DISPOSAL INQUIRY SENT.

4/15/77 - REPLY RECEIVED.

5/20/77 - I NEED TO CALL TIGHE & FIND OUT WHAT WASTES ARE GOING TO GARY LAND DEVELOPMENT.

6/1/77 - I CALLED WAYNE SLAGER AT CALUMET WASTE SYSTEMS ~~AND~~ AND TALKED TO ONE OF HIS ASSISTANTS ABOUT WHICH WASTES THEY WERE TAKING TO GARY LAND DEVELOPMENT. THEY PICK UP FILTROL CLAY, FATTY ACIDS & FILTER PAPER MIXED WITH REFUSE IN PACKER & SPENT ACTIVATED CARBON AND TAKE IT TO G.L.D.

Ashland

**Ashland Chemical Company**

DIVISION OF ASHLAND OIL, INC.

CHEMICAL PRODUCTS DIVISION • P. O. BOX 2219, COLUMBUS, OHIO 43216 • (614) 889-3333

APR 15 3 33 PM '77

SANITARY ENGINEERING DIVISION
STATE BOARD OF HEALTH

REPLY TO:
1801-167th Street
Hammond, Indiana 46320
Phone: Hammond (219) 844-3333
Chicago (312) 978-6433

APRIL 12, 1977

Mr. Gwinn Doyle
Solid Waste Management Section
Indiana State Board of Health
1330 West Michigan St.
Indianapolis, IN. 46206

Re: Industrial Waste Disposal

Dear Mr. Doyle:

The Ashland Chemical Co. plant in Hammond generates several different types of waste and uses several different contractors for disposal of the waste. The contractors and what they dispose of for us are listed below.

Calumet Waste System
4914 Calumet Avenue
Hammond, IN.

Calumet Waste is contracted for hauling of all waste other than that described below under bid work. Calumet Waste makes scheduled pick-up of filled waste bins which contains both process and non-process waste. The process waste consists of:

G.L.D. 1. About 2,500 lbs./month of a mixture of Filtrol Clay, Fatty Acids, filter paper and less than 4% of Nickel from the filter press in our Hydrogenation Building.

G.L.D. 2. Spent activiated carbon of about 1,000 lbs./month from carbon towers in the Glycerine Recovery area.

3. Soap, fatty acids, fat and less than 5% of unreacted lime from the filter presses in the Glycerine Recovery area, about 4½ cu. yds/wk.

4. Drums of waste fat, fatty acids, and #6 fuel oil.

Calumet Waste System uses three different disposal sites depending on the waste to be handled. These sites are:

| | |
|---|---|
| Kingery Development<br>Lansing, IL. | Bins of drums containing liquid waste material |
| Gary Development<br>Gary, IN. | Bins of non-liquid waste materials |
| C.I.D. Corp.<br>Calumet City, IL. | Bins of drums containing hazardous waste materials |

The wastes that are disposed of on a bid basis are:

1. Phenol spills, we had one last year of less than 100 gallons at the unloading area for railroad tank cars.

2. Foundry Resin spills of which we had one last year of about 200 gallons.

3. Sludge from animal and vegetable fats and fatty acids which is removed from thanks and catch basins. The amount removed per year is about 6,000 gallons.

The contractors biding on this work are:

Correct Maintenance Corp.
Portage, IN.

and

C. H. Heist Corp.
Whiting, IN.

They use the following disposal sites:

A. C.I.D. Corp.
Calumet City, IL.

B. Cal-Harbour
South Chicago, IL.

C. Paxton
South Chicago, IL.

D. Sexton
Des Plaines, IL.

Ashland does not dispose of any material on the plant site nor do we dispose of any material ourselves off of the plant site. All waste is either handled by the two above methods.

If you need any other information, please let me know.

Dennis A. Jurewicz

Dennis A. Jurewicz
Plant Engineer

DAJ/vh

TDD# R5-8507-3A

2A

IN-0394-10

NOV 24 10 37 AM '80

STATE OF INDIANA
STREAM POLLUTION
CONTROL BOARD

5EWHME

NOV 2 0 1980

Honorable Adam Benjamin, Jr.
House of Representatives
Washington, D.C. 20515

Dear Mr. Benjamin:

Thank you for your letter of October 30, 1980, regarding the demolition activities at the former Ashland Chemical Company site in Hammond, Indiana. The United States Environmental Protection Agency (U.S. EPA) has been actively investigating past operational procedures at the site and current demolition practices by Brandenburg Demolition, Inc.

On September 17, 1980, and October 8, 1980, U.S. EPA personnel inspected the Ashland site and sampled hydraulic oils, tank sludges, insulation materials, and soils. U.S. EPA met with representatives of Ashland Chemical, Machinery and Equipment, Brandenburg Demolition and Hammond Air Pollution on November 3, 1980. At this meeting, the representative from Ashland Chemical described past operational procedures and hazardous materials disposal. The facility was a fatty acid hydrogenation and distillation operation and did not produce a substantial amount of hazardous waste material. The representative from Brandenburg Demolition agreed to submit a disposal plan to U.S. EPA regarding the waste materials currently onsite. The Agency is also preparing an Agreed Order with Brandenburg Demolition that addresses the safe handling and disposal of the asbestos-containing materials. U.S. EPA and Ashland Chemical Company technical personnel will be meeting again next week in Hammond to discuss the potential for any environmental hazard due to past waste material handling or disposal pratices.

The Agency is continuing to investigate several potentially hazardous waste sites that were identified in an escalated Seek-and-Find effort in northwest Indiana this past summer. The Agency is aware of the great public concern regarding the Ashland Chemical site and hundreds of similar sites and will continue to work with state and local agencies to investigate and address these problem sites.

Thank you for your interest in this matter.

Sincerely yours,

/S/ Original Signed by John McGuire

John McGuire
Regional Administrator

bcc: Mr. Oral H. Hert, Technical Secretary
Indiana Stream Pollution Control Board

TO

DDL CHC, OHH, RCP

FROM Guinn Doyle

SUBJECT Ashland Chemical, Hammond

MESSAGE

I Talked to Ron Novak. There is no problem. The only problem is between APCD and EPA Air about who has jurisdiction over asbestos. This has been worked out. Hire lives near the site. Novak is using the EPA & state to resolve possible asbestos

SIGNED Guinn Doyle DATE 10/31/80

REPLY

problem. No further action is warranted!

| FOLLOW-UP DATE | REMOVE PART 2 AND FORWARD PARTS 1 AND 3. PART 3 WILL BE RETURNED WITH REPLY. | SIGNED | DATE |
|---|---|---|---|

0816 W22-SS-3 State Form No. 1352

LIFT THIS SHEET TO REMOVE - FILE FOR FOLLOW-UP

SPEEDIPLY® MCP® MBF 28 U.S. PAT.

ADAM BENJAMIN, JR.
1ST DISTRICT, INDIANA

WASHINGTON OFFICE:
610 CANNON HOUSE OFFICE BUILDING
WASHINGTON, D.C. 20515
TELEPHONE: (202) 225-2461

COMMITTEE:
APPROPRIATIONS

# Congress of the United States
## House of Representatives
Washington, D.C. 20515

DISTRICT OFFICES:
FEDERAL BUILDING
507 STATE STREET
HAMMOND, INDIANA 46320
(219) 932-5500 EXT. 281

FEDERAL BUILDING
610 CONNECTICUT STREET
GARY, INDIANA 46402
(219) 981-3357
(219) 981-3358

6111 WEST RIDGE ROAD
GARY, INDIANA 46408
(219) 923-5043
(219) 883-4994

October 30, 1980

John McGuire
Regional Administrator
Environmental Protection Agency
230 S. Dearborn
Chicago, IL 60604

RECEIVED
OCT 31 2 26 PM '80
EPA REGION 5
OFFICE OF REGIONAL ADMINISTRATOR

Dear Mr. McGuire:

I write to advise you of my concern regarding a potentially dangerous situation at the former Ashland Chemical Company, 1801 167th Street, Hammond, Indiana.

It is my understanding that this site, adjacent to a large shopping center and within very close proximity to an extensive residential area, contains asbestos, numerous drums and other containers whose contents have not been identified, chemical sludge and polychlorinated biphenols.

Brandenburg Demolition, Inc. has apparently been hired by current owners, Machinery & Equipment Company of San Francisco, to raze the site and perform all necessary clean-up. Citizens have become alarmed at the rapidity with which demolition is proceeding, speculating that careless handling of the aforementioned hazardous and unidentified materials could insidiously and swiftly adversely affect human health and the environment.

Ron Novak, Director of the City of Hammond's Air Pollution Control office, has, in his typically professional and highly responsive manner, communicated with representatives of your agency, the Indiana State Board of Health, concerned citizens and local officials, in an effort to establish an efficient and effective method for monitoring demolition and analyzing samples. I commend Mr. Novak for all of his initiatives and his steady and methodologically sound responses to this and other crises.

C: ~~[illegible]~~ Enf.
cc: RF
Lynch
Leffin

It appears that coordinated action by the Hammond Air Pollution Control office and the Environmental Protection Agency combined with the willingness of the demolition company to allow on site monitoring, will ensure that proper procedures are employed and immediate and uncontrolled release of contaminants and pollutants will be greatly minimized.

I, however, remain uneasy regarding the potential threat to human health and the environment that could be realized if proper hazardous waste management has not been historically employed at this site. I therefore encourage your initiation of an investigation into past waste management practices by previous tenants/owners pursuant to authority granted to the Environmental Protection Agency by the Clean Water Act and the Resource Conservation and Recovery Act, coordinated with a thorough evaluation of the site's soil, water, vegetation, etc.

I urge your expeditious but careful investigation of this problem and offer my assistance wherever needed.

Sincerely,

Adam Benjamin, Jr.
Member of Congress

AB:bw

cc: Mayor Edward J. Raskosky
Ron Novak
Representative Mary J. Pettersen
Alice and Edward Vockell

STATE OF INDIANA

STATE BOARD OF HEALTH

AN EQUAL OPPORTUNITY EMPLOYER

INDIANAPOLIS

Address Reply to:
Indiana State Board of Health
1330 West Michigan Street
P. O. Box 1964
Indianapolis, IN 46206

October 16, 1980

Frank Kolodziej
Hammond Air Pollution Control
5925 Calumet Avenue
Hammond, IN 46320

Dear Mr. Kolodziej:

Two samples (our study number 5747) were received by messenger September 24, 1980. These samples were collected September 18, 1980, at the Ashland Oil Company Chemical plant by you and other personnel. The soil sample was analyzed for PCB content by William R. Seifert using a electron capture detector on a Perkin Elmer gas chromatograph. No PCB's were detected. The transite board from Ashland was analyzed by Timothy A. Berg on a Nikon polarizing microscope. The sample does contain chrysotile asbestos, although the asbestos fibers are bound in the resin and would not become airborne unless the transite board is cut or broken.

Please feel free to call upon us for additional service and/or information.

Sincerely,

Dr. David L. Peterson

David L. Peterson, Ph.D., Supervisor
Industrial Hygiene Laboratory
Industrial Hygiene Section
Division of Industrial Hygiene
and Radiological Health
AC 317/633-0692

cc: Bruce Palin

General Ground Water Summary

e northern area of Lake County is situated in the Calumet Lacustrine Plain. is drift consists of between 40-173ft of Wisconsin Glaciolacustrine sand and avel in the form of long-terraced dunes, bars and beach ridges. The soil in is area is in the Oakville-Tawas association which consists of fine to medium nd with scattered deposits of organically rich Tawas silty deposits. Areas rth near the Little Calumet river originate in the Valparaiso Moraine. This ift consists of sand with discontinuous deposits of silt and waterlaid clay, is clay layer is very thick in some areas.) Alluvial silt is deposited in and ound the Little Calumet River. As the distance South increases, the equency of clay and silt deposits also increase. There are numerous filtration areas also scattered throughout the area.

the Northeastern portion of Lake County, 300-625 ft of Ordovician Dolomitic nestone, sandstone and shale directly underly the surficial drift. Very few lls are drilled into this formation because of poor water quality. As the stance East increases a narrow layer of Silurian dolomitic limestone in the bash formation overlies the Ordovician layer, these two layers of bedrock are parated by a layer of shale. The Wabash formation is jointed and holds water so more wells are drilled into this formation. In central and eastern Lake unty a layer of Devonian Antrim and Ellsworth shale overlyies the ormentioned Silurian layer. The aquifer generally flows on a low gradient rtheast toward Lake Michigan, near the Grand and Little Calumet Rivers aquifer ow may be multidirectional depending upon seasonal differences and ecipitation. The potential for ground water contamination in Northern Lake unty is high for both the upper and lower aquifers due to the high rmeability of the subsurface which along with the heavy precipitation causes e strong downward component to the area groundwater which could cause downward gration of contaminants to the lower aquifer before lateral movement occurs. inking water wells do exist in southern Gary and Black Oak. Some slightly curate well logs and well location maps are available. A public water supply stribution map will be available by next week. This map will allow you to nfirm residents that do not use ground water for drinking purposes.

Surface Water Information

take Locations:

All intakes are located in Lake Michigan.

Borman Park - located due north of Madison St. approximately 1 mile fshore in 40ft of water.

Ogden Intake- located about 12 mi. east of Borman Park intake, Between est end of Ogden Dunes and east limit of west beach. (Lattitude 37 12' 12.13" nd Longitude 41 37' 56.73").

Each intake has its own filtration plant and the system is blended, the Borman ark intake rate is 54 million gallons/day the Ogden intake rate is 24 million al/day. These intakes directly serve 188,000 people. Gary, Portage, Hobart nd Merrivile are directly served by these intakes (Gary-Hobart Water Co.). ary-Hobart also sells its water wholesale to Schererville, Griffith, Ogden unes and City of Lake Station. Two small utilities that these intakes serve re Turkey Creek Utilities and Lincoln Gardens Utilities.

Hammond also has an intake that directly serves 105,900 people. Hammond also ells its water to Munster, Highland and Lansing Village.

Whiting and East Chicago have no private or municipal wells.

The Grand Calumet River discharges into Lake Michigan by way of Indiana Harbor Canal. The east arm of the Little Calumet River, Deep River, and all of the West arm of the Little Calumet River east of Griffith discharge into Lake Michigan through the Burns Waterway. Burns Ditch is the western arm of the Little Calumet River.

Fisheries:

The West arms of the Grand and Little Calumet Rivers offer poor aquatic habitat due to heavy input from industrial and domestic pollution. Only rough fish populations exist Mostly bottom feeders such as Carp and White Suckers. Fishing has been reported along both rivers, even though warning advisories exist on amount of fish that should be consumed. Fishing occurs regularly on the beach and pier at Indiana Dunes State Park and Indiana Dunes National Lakeshore. Boat fishing also occurs regularly on Lake Michigan.

Lake Michigan has commercial fisheries as well as recreational fishing.
-coho and chinook salmon
-steelhead
-brown trout
-yellow perch

Direct contact with water occurs at Indiana State Park and National Lakeshore and at other municipal beaches. A portion of the beach has been closed down

times in the last two years as a result of constant water monitoring. State Park has not been shut down within the last two years due to ical contamination.

**nsitive Environments:**

ndiana Dunes State Park and National Lakeshore

here are wetlands along Grand and Little Calumet Rivers, Cedar Lake, Lake arge near Whiting and Hobart, and near Hoff Lake. 35% of Dunes Creek and rby Ditch are used for park and wetlands.

etlands Location maps are available for the area which encompasses all Indiana iveby PAs.

ndangered Species include the Pitchers Thistle located in Lakeshore dues and owout areas in Lake and Porter counties.

**ecipitation:**

lean annual precipitation across Lakeshore ranges from 36 inches in West to eater than 40 inches in the East. Maximum: April and Minimum: February.

ows: (average)

| | | |
|---|---|---|
| Grand Calumet: | Indiana Harbor | 25 cfs |
| | Near US Steel | 550 cfs |
| Little Calumet: | Lake George | 89 cfs |
| | Gary | 14.6 cfs |
| | South Holland | 154 cfs |
| Burns Ditch: | | 126 cfs |

EMA floodplain maps are available for all areas encompassing Indiana PAs.

M, SEE ATTACHED, SI

| 1. Cost Center CH633-5 | REM/FIT ZONE II CONTRACT<br>CONTRACT NO. 68-01-6692<br>TECHNICAL DIRECTIVE DOCUMENT (TDD) | 2. |
|---|---|---|
| 1A. Account No. | | No. RJ-8601-13 |

| 3. Priority: | 4. Estimate of Technical Hours | 5. EPA Site ID | 6. Completion Date: | 7. Reference Info: |
|---|---|---|---|---|
| ☐ High<br>☒ Medium<br>☐ Low | 4900<br>4A. Estimate of Subcontract Cost<br>_____ | SEE ATTACHED<br>5A. EPA Site Name<br>SEE ATTACHED | _____ | ☒ Yes ☐ No<br>☒ Attached<br>☒ Pick Up |

8. General Task Description: PERFORM SITE INSPECTIONS AS NECESSARY, COMPLETING A SITE INSPECTION REPORT (EPA FORM 2070-13) FOR EACH SITE, FOR 49 INDIANA SITES

9. Specific Elements:
1) OBTAIN BACKGROUND DATA FROM STATE AND LOCAL AGENCIES.
2) PREPARE SI WORKPLAN FOR EPA APPROVAL AFTER PRELIMINARY HRS SCORE FOR SITE IS CALCULATED
3) CONDUCT SITE INSPECTION AFTER THE EPA APPROVES WORKPLAN
4) COLLECT SAMPLES AS INDICATED IN THE WORK PLAN
5) SUBMIT EPA SI FORM 2070-13 (a)

10. Interim Deadlines

11. Desired Report Form: ☐ Formal Report ☐ Letter Report ☐ Formal Briefing

Other (Specify): EPA FORM 2070-13

12. Comments: (a) FOR SITES WHICH ARE SAMPLED, EPA FORM 2070-13 WILL BE SUBMITTED UPON RECEIPT OF SAMPLE DATA. (b) SITES REQUIRING WELL INSTALLATION WILL BE ADDRESSED UNDER TDD MODIFICATION.

13. Authorizing RPO: T. E. Yeater (Signature)

14. Date: 1-17-86

15. Received By: ☒ Accepted ☐ Accepted with Exceptions ☐ Rejected
Gene Van Sooney (Contractor RPM Signature)

16. Date: 1-17-86

Sheet 1 White – RPM Copy
Sheet 2 Green – RPO Copy
Sheet 3 Canary – ZPM Copy
Sheet 4 Pink – Project Officer Copy
Sheet 5 Goldenrod – AZPM - FIT Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 16 JAN 1986 REGION V 6

SUBJECT: Request for FIT Services

FROM: Don Josif
Program Support Section

TO: Thomas E. Yeates, FIT
Regional Officer

SITE NAME, ID & LOCATION: SEE BELOW

GENERAL TASK DESCRIPTION Perform site inspection, including drilling as necessary, completing a site inspection report (EPA Form 2070-13) and calculating an HRS score if warranted, for each of the following sites:

| STATE PRIORITY | SPECIFIC ELEMENTS: | INTERIM DEADLI |
|---|---|---|
| M | IND006225867 Bourbon Foundry Bourbon ✓ | IN0503 |
| H | * IND042080614 Accra Pac, Inc. Elkhart ✓ | IN0502 |
| M | * IND005089679 Adams: Westlake Co. Elkhart ✓ | IN0501 |
| M | * IND006068506 Chrysler Corporation New Castle | IN0500 |
| M | IND980607519 Gertrude Ave Disposal Facility South Bend | IN0509 |
| M | IND980606883 St. Joseph County LF South Bend | IN0993 |
| | | |
| | | |
| | | |
| | | |
| | * RCRA facilities with NL to inspect per Joe Doyle 1/16/86 | |
| | | |
| | | |

DESIRED REPORT FORM: FORMAL REPORT |X| LETTER REPORT |_| FORMAL BRIEFING |_|
EPA Form 2070-13

OTHER SPECIFY:

COMMENTS:

Desired Completion Date:
Principal Contact: Don Josif Phone: (312) 886-0393
Background Info Available: Yes X No ___ Location:
Other Interested Divisions/Offices:
Have they been notified: Yes ___ No ___
Principal Contact: Phone:

cc: Joe Petrilli, FIT Regional Manager

EPA Form 1220-6 (Rev. 3-76)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION V

DATE: 88 OCT 1990

SUBJECT: Request for FIT Services

FROM: Don Josif, Program Support Section
G Marie Watt for

TO: Thomas E. Yeates, FIT
Regional Officer

SITE NAME, ID & LOCATION: SEE BELOW

GENERAL TASK DESCRIPTION: Perform site inspection, including drilling as necessary, completing a site inspection report (EPA Form 2070-13) and calculating an HRS score if warranted, for each of the following sites:

| STATE PRIORITY | SPECIFIC ELEMENTS: | INTERIM DEADLIN |
|---|---|---|
| M | IND980900070 IGA (aka Walnut Hill) Terre Haute | IN0352 |
| M | IND980900153 County Line (Arvin Cochran) Alfordsville | IN0299 |
| M | IND042846592 Tritech Manufacturing Inc; Ft. Wayne | IN0420 |
| M | IND042839118 McBeth Road LF; Ft. Wayne | IN0371 |
| M | Howe's Junkyard Gary | IN0399 |
| M | IND980900179 Burris Pit Alfordsville | IN0298 |
| M | IND980678585 Abandoned Tank Trucks; Schererville | IN0391 |
| M | IND980679179 Flexflo Hammond | IN0396 |
| M | IND980679294 West Shore Trucking (aka McCaw Marine); Hammond | IN0402 |
| M | IND980821136 Knox Fertilizer; Chem G; Knox | IN0348 |
| M | IND001864073 Amtrak Maintenance Facility; Beech Grove ✓ | IN505 |
| M | IND005081575 Bituminous Materials Warsaw ✓ | IN0504 |
| M | IND046103222 Glass Container Corp; Gas City ✓ | IN0506 |

DESIRED REPORT FORM: FORMAL REPORT |X| LETTER REPORT |_| FORMAL BRIEFING |_|
EPA Form 2070-13

OTHER SPECIFY:

COMMENTS:

Desired Completion Date:
Principal Contact: Don Josif Phone: (312) 886-0393
Background Info Available: Yes X No ___ Location:
Other Interested Divisions/Offices:
Have they been notified: Yes ___ No ___
Principal Contact: Phone:

cc: Joe Petrilli, FIT Regional Manager

EPA Form 1320-6 (Rev. 3-76)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 28 Oct 1986

REGION V

SUBJECT: Request for FIT Services

FROM: Don Josif G Marie Watt
Program Support Section (pw)

TO: Thomas E. Yeates, FIT
Regional Officer

SITE NAME, ID & LOCATION: SEE BELOW

GENERAL TASK DESCRIPTION Perform site inspection, including drilling as necessary, completing a site inspection report (EPA Form 2070-13) and calculating an HRS score if warranted, for each of the following sites:

| STATE PRIORITY | SPECIFIC ELEMENTS: | INTERIM DEADLINE |
|---|---|---|
| m | IND000849844 Extruded Alloys, Bedford ✓ | IN0508 |
| m | | |
| m | | |
| m | | |
| m | Corson Chemicals, New Castle ✓ | IN0507 |
| m | IND980900187 Alfordsville Pit #2 Alfordsville | IN0296 |
| m | IND000196469 Hammond Sewage Treatment Plt. Hammond | IN0398 |
| m | IND980271332 REMCO Hydraulics Indianapolis | IN0411 |
| m | IND980897888 #3 Old Wells County Dump: Ossian | IN0355 |
| m | IND980612451 No Name Dump Ft. Wayne | IN0372 |
| m | IND981094089 Frankfort Dump Frankfort | IN0381 |
| m | IND000198697 Willett Trucking Hammond | IN0403 |
| m | IND048993372 Chamberlin Products Corp; S. Whitley | IN0356 |

DESIRED REPORT FORM: FORMAL REPORT |X| LETTER REPORT |_| FORMAL BRIEFING |_|
EPA Form 2070-13

OTHER SPECIFY:

COMMENTS:

Desired Completion Date:
Principal Contact: Don Josif Phone: (312) 886-0393
Background Info Available: Yes X No ___ Location:
Other Interested Divisions/Offices:
Have they been notified: Yes ___ No ___
Principal Contact: Phone:

cc: Joe Petrilli, FIT Regional Manager

EPA Form 1320-6 (Rev. 3-76)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION V

DATE: 28 OCT 1985

SUBJECT: Request for FIT Services

FROM: Don Josif (Marie Watt for)
Program Support Section

TO: Thomas E. Yeates, FIT
Regional Officer

SITE NAME, ID & LOCATION: SEE BELOW

GENERAL TASK DESCRIPTION: Perform site inspection, including drilling as necessary, completing a site inspection report (EPA Form 2070-13) and calculating an HRS score if warranted, for each of the following sites:

| STATE PRIORITY | SPECIFIC ELEMENTS: | INTERIM DEADLINE |
|---|---|---|
| m | IND980900088 Green Valley Mine; Sugar Creek Twp | IND351 |
| m | IND980897862 #1 Old Sanitary LF; Ft. Wayne | IND290 |
| m | IND980609741 No Name Site Columbia City | IND359 |
| m | IND980999759 Ion Capacitor Columbia City | IND358 |
| m | IND980897870 #2 Felger Road Dump; Ft. Wayne | IND289 |
| m | IND980269062 Ashland Chemical Co; Hammond | IND394 |
| m | IND981096068 Whispering Winds LF; Indianapolis | IND414 |
| H | IND981094097 Cooper Solid Fill Site Frankfort | IND379 |
| m | IND981096084 Michael Cooper Fill Site: Frankfort | IND380 |
| m * | IND980607998 Ackle Industries Evansville | IND415 |
| m * | IND005470885 Dana Corporation Axle D.V. Ft. Wayne | IND293 |
| | * RCRA facility with approval to inspect per See Doyle 10/29/85 | |

DESIRED REPORT FORM: FORMAL REPORT |X| LETTER REPORT |_| FORMAL BRIEFING |_|
EPA Form 2070-T3

OTHER SPECIFY:

COMMENTS:

Desired Completion Date:
Principal Contact: Don Josif Phone: (312) 886-0393
Background Info Available: Yes X No Location:
Other Interested Divisions/Offices:
Have they been notified: Yes No
Principal Contact: Phone:

cc: Joe Petrilli, FIT Regional Manager

EPA Form 1320-6 (Rev. 3-76)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 29 OCT 1985

REGION V

SUBJECT: Request for FIT Services

FROM: Don Josif [signature]
Program Support Section (per)

TO: Thomas E. Yeates, FIT
Regional Officer

SITE NAME, ID & LOCATION: SEE BELOW

GENERAL TASK DESCRIPTION Perform site inspection, including drilling as necessary, completing a site inspection report (EPA Form 2070-13) and calculating an HRS score if warranted, for each of the following sites:

| STATE PRIORITY | SPECIFIC ELEMENTS: | INTERIM DEADLINE |
|---|---|---|
| M | * IND 069984276 Indiana Harbor Belt: Hammond | IND 400 |
| M | * IND 006414916 Anaconda Company: Terre Haute | IND 350 |
| M | * IND 006063440 B:B Anodizing Indianapolis | IND 407 |
| M | * IND 005080718 Precision Plastics Inc; Columbia City | IND 360 |
| M | * IND 021639109 REA Magnet Wire Co; Ft. Wayne | IND 120 |
| H | * IND 088737275 Hanchar Industrial Waste Mgt: Ft. Wayne | IND 370 |
| M | * IND 054101415 Wolf Lake Terminals Hammond | IND 404 |
| H | * IND 016520017 Interroyal/Schaeffer Prop: Michigan City | IND 405 |
| M | IND 981096076 No Name Dump Ft. Wayne ✓ | IND 372 |
| | * RCRA Facilitie with Approval to inspect per Joe Boyle 10/29/85. | |

DESIRED REPORT FORM: FORMAL REPORT |X| LETTER REPORT |_| FORMAL BRIEFING |_|
EPA Form 2070-13

OTHER SPECIFY:

COMMENTS:

Desired Completion Date:
Principal Contact: Don Josif Phone: (312) 886-0393
Background Info Available: Yes X No ___ Location:
Other Interested Divisions/Offices:
Have they been notified: Yes ___ No ___
Principal Contact: Phone:

cc: Joe Petrilli, FIT Regional Manager

EPA Form 1320-6 (Rev. 3-76)

IN-PA-01

| 1. Cost Center CH1633-5 / 1.[illegible] Account No. | REM/FIT ZONE II CONTRACT<br>CONTRACT NO. 68-01-6692<br>TECHNICAL DIRECTIVE DOCUMENT (TDD) | 2. No. R5-8507-3 |
|---|---|---|

| 3. Priority: | 4. Estimate of Technical Hours | 5. EPA Site ID | 6. Completion Date: | 7. Reference Info: |
|---|---|---|---|---|
| ☒ High | 2250 | SEE ATTACHED | SEPTEMBER 20, 1985 | ☐ Yes ☒ No |
| ☐ Medium | 4A. Estimate of Subcontract Cost | 5A. EPA Site Name | | ☐ Attached |
| ☐ Low | ——— | SEE ATTACHED | | ☐ Pick Up |

8. General Task Description: COMPLETE PRELIMINARY ASSESSMENTS FOR 75 SITES IN INDIANA

9. Specific Elements:
1. OBTAIN AND XEROX ALL SITE BACKGROUND DATA FROM STATE AND LOCAL FILES
2. EVALUATE DATA
3. PERFORM OFFSITE DRIVE-BY RECON FOR THOSE SITES WHICH REQUIRE THIS ACTIVITY
4. COMPLETE EPA FORM 2070-12 FORM
5. WRITE EXECUTIVE SUMMARY FOR EACH SITE
6. DEBRIEF STATE PERSONNEL ON EACH COMPLETED PRELIMINARY ASSESSMENT

10. Interim Deadlines

11. Desired Report Form: ☐ Formal Report ☐ Letter Report ☐ Formal Briefing

Other (Specify): EPA FORM 2070-12, EXECUTIVE SUMMARY

12. Comments:
1) FIT WILL RENT XEROX MACHINE TO COMPILE FILE DATA
2. STATE WILL PROVIDE DESK AND PHONE FACILITIES AT STATE OFFICES
3. STATE WILL SUBMIT PA AND EXECUTIVE SUMMARY TO THE USEPA

| 13. Authorizing RPO: | 14. Date: |
|---|---|
| [illegible] (Signature) | 7-1-85 |

| 15. Received By: ☒ Accepted ☐ Accepted with Exceptions ☐ Rejected | 16. Date: |
|---|---|
| [illegible] (Contractor RPM Signature) | 7-1-85 |

Sheet 1 White — RPM Copy
Sheet 2 Green — RPO Copy
Sheet 3 Canary — ZPM Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Goldenrod — AZPM - FIT Copy

~~IN-PA-01A~~
M, APPEND SHEET, PA

| 1. Cost Center CH633-5 | REM/FIT ZONE II CONTRACT<br>CONTRACT NO. 68-01-6692<br>TECHNICAL DIRECTIVE DOCUMENT (TDD) | 2. |
|---|---|---|
| 1A. Account No. | | No. R05-8507-03A |

| 3. Priority: | 4. Estimate of Technical Hours | 5. EPA Site ID | 6. Completion Date: | 7. Reference Info: |
|---|---|---|---|---|
| ☒ High<br>☐ Medium<br>☐ Low | 1500<br>4A. Estimate of Subcontract Cost: ____ | SEE ATTACHED<br>5A. EPA Site Name: SEE ATTACHED | SEPTEMBER 20, 1985 | ☐ Yes ☒ No<br>☐ Attached<br>☐ Pick Up |

8. General Task Description: COMPLETE PRELIMINARY ASSESSMENTS FOR 50 SITES IN INDIANA

9. Specific Elements:
1) OBTAIN AND XEROX ALL SITE BACKGROUND DATA FROM STATE AND LOCAL FILES
2. EVALUATE DATA
3. PERFORM OFFSITE DRIVE BY RECON FOR THOSE SITES WHICH REQUIRE THIS ACTIVITY
4. COMPLETE EPA 2070-12 FORM
5. WRITE EXECUTIVE SUMMARY FOR EACH SITE
6. DEBRIEF STATE PERSONNEL ON EACH COMPLETED PRELIMINARY ASSESSMENT

10. Interim Deadlines

11. Desired Report Form: ☐ Formal Report ☐ Letter Report ☐ Formal Briefing

Other (Specify): EPA FORM 2070-13, EXECUTIVE SUMMARY

12. Comments:
1) FIT WILL RENT XEROX MACHINE TO COMPILE DATA
2) STATE WILL PROVIDE DESK AND PHONE FACILITIES AT STATE OFFICES
3) STATE WILL SUBMIT PA AND EXECUTIVE SUMMARY (FINAL) TO USEPA

| 13. Authorizing RPO: | 14. Date: |
|---|---|
| [signature] (Signature) | 8-26-85 |

| 15. Received By: ☒ Accepted ☐ Accepted with Exceptions ☐ Rejected | 16. Date: |
|---|---|
| [signature] (Contractor RPM Signature) | 8-26-85 |

Sheet 1 White — RPM Copy
Sheet 2 Green — RPO Copy
Sheet 3 Canary — ZPM Copy
Sheet 4 Pink — Project Officer Copy
Sheet 5 Goldenrod — AZPM - FIT Copy

SAMPLE PROPOSAL
FIT REGION V

1. Date Form Completed 2-16-87

2. Account # FIN0126 5I TDD # F05-8702(032) WP

EPA I.D. # IND060370342

3. Site Name, City, State Swift Adhesives & Coatings
Hammond, IN

4. Team Leader ~~T. Kouris~~ Sampler Mortell/Hein

5. Number and Type of Samples:

Soil/Sediment 8 Surface Water ____ Ground Water ____

Residential/Municipal Wells ____ Other ____

Number of Blanks ____ Number of Duplicates ____

6. RAS Parameters Requested:

A/B/N X Pest/PCB X Volatiles X Metals X Cyanide X

SAS Parameters Requested: None

7. Expected Sampling Date(s): weekending 3-27-87

Expected Shipping Date(s): " " " " "

8. Lab Used For Analysis: Organic PEI

Inorganic Envir. Services & Engin. (ESE)

SAS ____

9. Case Number 6941 SAS Number ____

10. Airbill Numbers: 3118

Organic Lab 338142140 # Coolers 1 # Samples 8

Inorganic Lab 338142151 # Coolers 1 # Samples 8

CRL/SAS Lab ____ # Coolers ____ # Samples ____

complete

Site Name: Swift Adhesives & Coatings
Location: Hammond, IN
Case Number: 6941

SAMPLE SHIPMENT CHECKLIST:
LOW CONCENTRATION SAMPLES

Mark each item with an "X" to verify completion.

X 1. Is each sample bottle permanently labeled with the following information: Sample number, date, time of collection, and a brief description?

N/A 2. Are sample volumes marked on all sample bottles (except VOA's)?

X 3. Is each sample bottle lid secured with strapping tape or evidence tape?

X 4. Have all bottles been packed in plastic bags?

X 5. Are all samples properly preserved and iced, when appropriate, for shipment?

X 6. Are samples packaged in such a way as to prevent breakage?

X 7. Has the proper cushioning material (ie-vermiculite) been used for sample packaging?

X 8. Is each cooler drain taped shut?

X 9. Have all coolers been labeled with the proper laboratory address and has this label been covered with clear tape?

X 10. Has each cooler been labeled with "This Side Up" stickers on all four sides and "Fragile" stickers on at least two sides?

X 11. Is there at least one Chain-Of-Custody record per cooler?

X 12. Have the proper sections of the sampling paperwork been put in a plastic bag and taped to the inside lid of the coolers?

X 13. Has each cooler been secured properly with strapping tape?

X 14. Have numbered custody seals been affixed to the front right and back left of each cooler and covered with clear tape?

X 15. Has the sampler double-checked all paperwork and packiging procedures for accuracy and completeness immediately prior to strapping each cooler for shipment?

X 16. Have photos of each cooler, showing ice, custody seals, and proper packaging procedures, been taken?

I certify that all the above procedures have been followed and that all coolers have been properly packaged for shipment.

X Margaret A. [illegible] Sampler Signature

X [illegible] Team Leader Signature

NOTE: If there is any question that one of the above has been done incorrectly by any member of your team, DO NOT ship samples without checking your suspicions (even if this means re-opening coolers that have already been strapped shut!)

45T:6M

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives and Coatings

TDD# F05-8703-227

CASE NUMBER 16941

SAMPLE #/STATION LOCATION S1

LOCATION DESCRIPTION W. side of Warehouse near empty drum.

SAMPLING DATE 3-18-87 SAMPLING TIME 1430

ORGANIC TRAFFIC NUMBER EJ499

INORGANIC TRAFFIC NUMBER MEL045

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8oz | Metals/CN | 5-122351 | 65351052 |
| 8oz | Organics/Priority Pollutants/Pesticides | 5-122375 | |
| | | | |
| 120 ml | Volatile Organics | 5-122376, 5-122374 | D6184152, 45004032 |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Dark, Moist, Aerated

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: None

INSTRUMENT READINGS

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives and Coatings

TDD# F05-8703-227

CASE NUMBER 6941

SAMPLE #/STATION LOCATION S2

LOCATION DESCRIPTION N. side of Warehouse Next to pit with runoff from floor drains.

SAMPLING DATE 3-18-87 SAMPLING TIME 1445

ORGANIC TRAFFIC NUMBER EJ 500

INORGANIC TRAFFIC NUMBER ME2 046

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8oz | Metals/CN | 5-122352 | 65351052 |
| 8oz | Organics/Priority Poll Pesticides | 5-122377 | 65351052 |
| 120ml | Volatile Organics | 5-122379, 5-122378 | D6184152 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Brownish/Red, Aerated, Moist, Sandy

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: None

INSTRUMENT READINGS

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives and Coatings

TDD# F05-8703-227

CASE NUMBER 6941

SAMPLE #/STATION LOCATION $S_3$

LOCATION DESCRIPTION N. Side of Warehouse near 2 empty drums.

SAMPLING DATE 3-18-87 SAMPLING TIME 1500

ORGANIC TRAFFIC NUMBER EK 462

INORGANIC TRAFFIC NUMBER MEL 257

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8oz | Metals/CN | 5-122353 | 65351052 |
| 8oz | Organics/Priority Poll Pesticides | 5-122100 | 65351052 |
| 120ml | Volatile Organics | 5-122099, 5-122380 | 45004032, D6184152 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Grey, Clay-like, Moist

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: none

INSTRUMENT READINGS N/A

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives & Coatings

TDD# F05-8703-227

CASE NUMBER 6941

SAMPLE #/STATION LOCATION S4

LOCATION DESCRIPTION N.E. corner of Warehouse; Sewage intake point

SAMPLING DATE 3-18-87 SAMPLING TIME 1515

ORGANIC TRAFFIC NUMBER E K 463

INORGANIC TRAFFIC NUMBER ME L 258

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8 OZ | Metals/CN | 5-122354 | 65351052 |
| 8 OZ | Organics/Priority Poll Pesticides | 5-122372 | 65351052 |
| 120ml | Volatile Organics | 5-122373, 5-122371 | D6184152 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Brown, moist, silty sand, aerated

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: none

INSTRUMENT READINGS

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives & Coatings

TDD# F05-8703-227

CASE NUMBER 6941

SAMPLE #/STATION LOCATION S5

LOCATION DESCRIPTION E. side of Warehouse Near concrete Pad and Sprinklers

SAMPLING DATE 3-18-87 SAMPLING TIME 1530

ORGANIC TRAFFIC NUMBER EK 464

INORGANIC TRAFFIC NUMBER MEL 259

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8oz | Metals/CN | 5-122355 | 65351052 |
| 8oz | Organics (Priority Poll Pesticides) | 5-122368 | 65351052 |
| 120ml | Volatile Organics | 5-122370, 5-122369 | 44341042, 44341052 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Brown, Sandy, Moist

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: None

INSTRUMENT READINGS

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives and Coatings
TDD# F05-8703-227
CASE NUMBER 6941
SAMPLE #/STATION LOCATION S6
LOCATION DESCRIPTION Background sample-Maywood Park
SAMPLING DATE 3-18-87 SAMPLING TIME

ORGANIC TRAFFIC NUMBER EK 465
INORGANIC TRAFFIC NUMBER MEL 260

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8 OZ | Metals/CN | 5-122356 | 65351052 |
| 8 OZ | Organics/Priority Pol pesticides | 5-122367 | F6344042 |
| 120ml | Volatile Organics | 5-122365, F-122366 | 4434 1042, 4434 1052 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Dark, Aerated, Moist

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: None

INSTRUMENT READINGS
pH N/A
CONDUCTIVITY N/A
TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives and Coatings

TDD# F05-8703-227

CASE NUMBER 6941

SAMPLE #/STATION LOCATION S7

LOCATION DESCRIPTION E. Side of Warehouse near Concrete Pad and Sprinkler

SAMPLING DATE 3-18-87 SAMPLING TIME 1545

ORGANIC TRAFFIC NUMBER EK 466

INORGANIC TRAFFIC NUMBER ME L 261

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8oz | Metals/CN | 5-122357 | F6344042 |
| 8oz | organics/Priority Poll. Pesticides | 5-122363 | F6344042 |
| 120ml | Volatile Organics | 5-122359, 5-122364 | D6184152 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Dark, moist, aerated

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: none

INSTRUMENT READINGS

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

SAMPLE DESCRIPTION

SITE NAME Swift Adhesives and Coatings

TDD# F05-8703-227

CASE NUMBER 6941

SAMPLE #/STATION LOCATION S8

LOCATION DESCRIPTION N. of office Building/Near lagoons w/runoff

SAMPLING DATE 3-18-87 SAMPLING TIME 1600

ORGANIC TRAFFIC NUMBER EK 467

INORGANIC TRAFFIC NUMBER MEL 262

| BOTTLE | ANALYSIS | TAG NUMBERS | LOT NUMBER |
|---|---|---|---|
| 80 oz. | | | |
| 40 ml. | | | |
| 1 Liter | | | |
| 8oz | Metals/CN | 5-122358 | F6344042 |
| 8oz | Organics/Priority Poll Pesticides | 5-122360 | F6344042 |
| 120ml | Volatile Organics | 5-122361, 5-122362 | D6184152 |
| | | | |
| | | | |
| | | | |

PHYSICAL DESCRIPTION AT TIME OF COLLECTION: Dark, moist, aerated

PHYSICAL CHANGES FROM TIME OF COLLECTION UNTIL SHIPMENT: None

INSTRUMENT READINGS

pH N/A

CONDUCTIVITY N/A

TEMPERATURE N/A

Site Name Swift Adhesives & Coatings TDD F5-8703-227 FIN01216SE Case Number 6941

| OTR | ITR | CRL | NEIC TAG NUMBER | CHAIN OF CUSTODY ORG | CHAIN OF CUSTODY INO | SAS NUMBER |
|---|---|---|---|---|---|---|
| EJ499 | MEL045 | | | 07944 | 07945 | |
| EJ500 | MEL046 | See | See | 07944 | 07945 | |
| EK462 | MEL257 | | | 07944 | 07945 | |
| EK463 | MEL258 | LOB | LOB | 07944 | 07945 | |
| EK464 | MEL259 | | | 07944 | 07945 | |
| EK465 | MEL260 | Book | Book | 07944 | 07945 | |
| EK466 | MEL261 | | | 07944 | 07945 | |
| EK467 | MEL262 | | | 07944 | 07945 | |
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CB, KG/df
9-30-81

SMP-002

FIELD PHOTOGRAPHY LOG SHEET

DISK # A 124234



DATE 3-18-87

TIME 6:00 A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

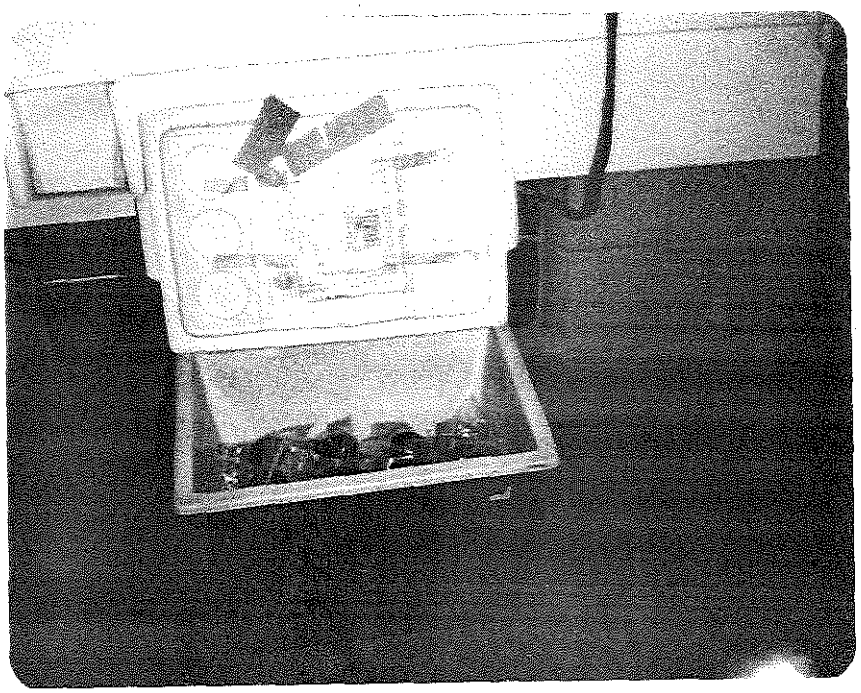
WEATHER 45° F, RAIN SOME WIND SWIFT

SITE ADHESIVES + COATINGS

TDD# F05-8703-227

PHOTOGRAPHED BY: T. KOORIS

SAMPLE ID# (if applicable) N/A



DESCRIPTION: INORGANIC COOLER

DATE

TIME A.M. P.M.

DIRECTION: N NNE NE ENE
E ESE SE SSE
S SSW SW WSW
W WNW NW NNW

WEATHER

SITE

TDD#

PHOTOGRAPHED BY:

SAMPLE ID# (if applicable)

PHOTO

DESCRIPTION: ORGANIC COOLER & Both Coolers Sealed did not come out.

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

INORGANICS

# CHAIN OF CUSTODY RECORD

REGION 5
230 South Dearborn Street
Chicago, Illinois 60604

PROJ. NO.: HIN0126SI F05-8703-227

PROJECT NAME: Swift Adhesives & Coatings / 6941

SAMPLERS: (Signature) Margaret A Klein

Low Concentration

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | 8oz / Metals & Cyanide | | | | | | | REMARKS OTR | ITR | MATRIX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1 | 3-18-87 | 1430 | | X | S1 | 1 | 1 | | | | | | | EJ499 | MEL045 | Soil/Sediment |
| S2 | 3-18-87 | 1445 | | X | S2 | 1 | 1 | | | | | | | EJ500 | MEL046 | Soil/Sediment |
| S3 | 3-18-87 | 1500 | | X | S3 | 1 | 1 | | | | | | | EK462 | MEL257 | Soil/Sediment |
| S4 | 3-18-87 | 1515 | | X | S4 | 1 | 1 | | | | | | | EK463 | MEL258 | Soil/Sediment |
| S5 | 3-18-87 | ~~1530~~ 1530 | 1530 MH | X | S5 | 1 | 1 | | | | | | | EK464 | MEL259 | Soil/Sediment |
| S6 | 3-18-87 | ~~1545~~ 1545 | 1545 MH | X | S6 | 1 | 1 | | | | | | | EK465 | MEL260 | Soil/Sediment |
| S7 | 3-18-87 | ~~600~~ 1545 | 1545 MH | X | S7 | 1 | 1 | | | | | | | EK466 | MEL261 | Soil/Sediment |
| S8 | 3-18-87 | 1600 | | X | S8 | 1 | 1 | | | | | | | EK467 | MEL262 | Soil/Sediment |

Lot #'s of Sample Containers

8oz — 65351052
F6344042

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| Margaret A Klein | 3-18-87 5:30pm | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks: Shipped Federal Express to: Environmental Science & Engineering Airbill # 338142151 Custody Seal #'s 26016, 26015 | |

Distribution: White — Accompanies Shipment; Pink — Coordinator Field Files; Yellow — Laboratory File

5-07945

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

ORGANICS

REGION 6
230 South Dearborn Street
Chicago, Illinois 60604

# CHAIN OF CUSTODY RECORD

PROJ. NO. FIN01265I F05-8703-2029
PROJECT NAME Swift Adhesives & Coatings/6941
SAMPLERS: (Signature) Margaret A Hein

Low Concentration

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | 8oz | Extractables 120ml | VOA | | | | REMARKS OTR | ITR | MATRIX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $S_1$ | 3-18-87 | 1430 | | X | $S_1$ | 3 | 1 | 2 | | | | | EJ499 | MEL045 | Soil/Sediment |
| $S_2$ | 3-18-87 | 1445 | | X | $S_2$ | 3 | 1 | 2 | | | | | EJ500 | MEL046 | Soil/Sediment |
| $S_3$ | 3-18-87 | 1560 | | X | $S_3$ | 3 | 1 | 2 | | | | | EK462 | MEL257 | Soil/Sediment |
| $S_4$ | 3-18-87 | 1515 | | X | $S_4$ | 3 | 1 | 2 | | | | | EK463 | MEL258 | Soil/Sediment |
| $S_5$ | 3-18-87 | 1530 | | X | $S_5$ | 3 | 1 | 2 | | | | | EK464 | MEL259 | Soil/Sediment |
| $S_6$ | 3-18-87 | 1230 | | X | $S_6$ | 3 | 1 | 2 | | | | | EK465 | MEL260 | Soil/Sediment |
| $S_7$ | 3-18-87 | 1545 | | X | $S_7$ | 3 | 1 | 2 | | | | | EK466 | MEL261 | Soil/Sediment |
| $S_8$ | 3-18-87 | 1600 | | X | $S_8$ | 3 | 1 | 2 | | | | | EK467 | MEL262 | Soil/Sediment |

Lot #'s of Sample Containers
8oz - 65351052, F6344042
8oz - F6344042
120ml - D6184152, 4500403
120ml - 44341042, 44341052

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| Margaret A Hein | 3-18-87 5:30pm | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks | |

Remarks: Shipped Federal Express to: PEI Associates Inc. Airbill #338142140 Custody Seal #'s 26017, 26018

Distribution: White — Accompanies Shipment; Pink — Coordinator Field Files; Yellow — Laboratory File

5 07944

# ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415
International Specialists in the Environment

Date Received for Review: 8 May 87 Date Review Completed: 11 May 87

TO: Tom Kouris (Indiana)

FROM: Brenda Robbins Jones

SUBJECT: Swift Adhesives & Coatings

Sample Description: Case # 6941 - 8 soil samples metals / CN- analysis

Project Data Status: incomplete - awaiting organics

FIT Data Review Findings:

Addtional Comments:

see enclosed Chem. Eval. Sheet

Book No. 6
Page No. 39

recycled paper

Swift Adhesives & Coatings

Sc # 6941

11 May 87

RECEIVED MAY 8 1987

# CHEMICAL EVALUATION SHEET

(units = mg/kg dry wt)

| Sx/Feed | COMPOUND | CRDL | 3-5x CRDL | MEL 045 smpl | 046 smpl | 257 smpl | 258 smpl | 259 smpl | 260 smpl | 261 smpl | 262 smpl | smpl | smpl | HIT ✓ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Iron | 20 | | 20000 | 125000 | 2650 | 6500 | 4200 | 17800 | 15700 | 13800 | | | |
| | Lead | 1 | | 4360 | 543 | 176 | 118 | 406 | 1880 | 357 | 148 | | | |
| | Cyanide | 2 | | 1.37 | 1.3 | 1.4 | — | — | — | — | — | | | |
| | Mercury | .008 | | 0.10 | .06 | — | — | 0.39 | 0.31 | 0.89 | — | | | |
| | Nickel | 8 | | 61 | 102 | 8.9 | 26 | — | 21 | 543 | 29 | | | |
| | Vanadium | 10 | | 52 | 35 | 2.9 | — | — | 28 | — | 23 | | | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

RECEIVED MAY 8 1987

5-7-87

Review of Region V CLP Data
Received for Review on 4/24/87

Curtis Ross, Director (5SCRL)
Central Regional Laboratory Jay Thakkar

Data User: Fit

We have reviewed the data for the following case(s).

SITE NAME: Swift Adhesives & Coatings SMO Case No. 6941

EPA Data Set No. SF3846 No. of Samples: 8 D.U./Activity Numbers 4051 C72100

CRL No. 87FK03512 - 87FK03519

SMO Traffic No. MEL045-046; MEL257-262

CLP Laboratory: ESE Hrs. Required for Review: 4½

Following are our findings.

This review covers 8 soil samples analyzed for metals and cyanide. Spike recoveries for Se (60%) and As (72%) are biased low and detection limits may be elevated. Selenium and arsenic data are estimated (J). Spike recoveries for Ba and Cr are 132% and 140%, respectively, and are biased high. The data for Ba and Cr are estimated (J).
Duplicate RPD values for Co and Cu are 38% and 37%, respectively, and these data are estimated (J).
Zinc serial dilution is 23% difference + outside control window. Zinc data is estimated (J).
Other data O.K.

( ) Data are acceptable for use.
(X) Data are acceptable for use with qualifications noted above.
( ) Data are preliminary - pending verification by Contractor Laboratory.
( ) Data are unacceptable.

R. Rivoire 5/6/87

cc: Dr. Alfred Haeberer/Joan Fisk/Gary Ward, EPA Support Services
Ross K. Robeson, EMSL-Las Vegas
Don Trees, CLP/Sample Management Office

SUPERFUND 3846

# ORGANICS/INORGANICS

THIS FORM IS TO BE USED FOR SAMPLES SENT TO CONTRACT ONLY

LUO IN DATE: 3/31/87
DUE DATE: 5/27/87

CASE NUMBER/SAS No. 10941 SITE NAME Swift Adhesives & Coatings LABORATORY PEI/ESE DATE SHIPPED 3/18/87

SUPERFUND DU NUMBER 4905 EPA RPM or OSC (S.M.S.)/(CES) CERCLIS NUMBER IND006037034 2 PAGE 1 OF 1

ACTIVITY NUMBER C72100

| CRL LOG NUMBER | ORGANIC TRAFFIC REPORT NUMBER or SAS Packing List No. | INORGANIC TRAFFIC REPORT NUMBER | WATER OR LIQUIDS: ACID-BASE NEUTRAL CPDS ORGANIC SCAN UG/L TOX17574 | VOLATILE ORGANIC ANALYSIS ORGANIC SCAN UG/L TOX17564 | WATER POLYCHLORINATED BIPHENYLS UG/L PES 17144 | WATER CHLORINATED PESTICIDES UG/L PES17134 | TOTAL METALS IN WATER UG/L MET111 | WATER CYANIDE UG/L MIN74919 | NITRATE/NITRITE MG/L MIN7284 | AMMONIA MG/L MIN7294 | RESIDUE, FILTERABLE TDS MG/L MIN7362 | RESIDUE, NON-FILT TSS MG/L MIN7372 | | | SEDIMENTS or SOILS: ACID-BASE NEUTRAL CPDS ORGANIC SCAN MG/KG TOX215722 | VOLATILE ORGANIC ANALYSIS ORGANIC SCAN MG/KG TOX215622 | SEDIMENTS POLYCHLORINATED BIPHENYLS MG/KG PES211422 | SEDIMENT CHLORINATED PESTICIDES MG/KG 211322 | TOTAL METALS MG/KG MET413 | CYANIDE MG/KG MIN44930 | EP TOXICITY METALS MG/KG | AMMONIA MG/KG MIN42925 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7FK03512 | ES499 | MEL045 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03513 | ES500 | MEL046 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03514 | EK462 | MEL257 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03515 | EK463 | MEL258 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03516 | EK464 | MEL259 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03517 | EK465 | MEL260 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03518 | EK466 | MEL261 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| 7FK03519 | EK467 | MEL262 | | | | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |

RECEIVED MAY 8 1987

In Reference to Case No(s): 6941

RECEIVED MAY 8 1987

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Telephone Record Log

Date of Call: 5/7/87

Laboratory Name: ~~Mike Ritter~~ Environmental Science & Engineering, Inc.

Lab Contact: ~~Ray~~ Mike Ritter

Region: V

Regional Contact: Ray Piccione

Call Initiated By: return Laboratory ____ Region

In reference to data for the following sample number(s):

Summary of Questions/Issues Discussed:

Obliterated data 8, 9/Pb ; 11/Tl

V % diff ser diln 3%

Se Form I MEL046 [ ], MEL258 [ ]

Tl all "U" except MEL260 which should be [ ]

Hg ~~all "U"~~ 046, 257, 258, 262 "U"

CN 046 Form I ~~1.37~~ 1.4

Summary of Resolution:

Will recheck & resubmit

Ray Piccione
Signature

5/7/87
Date

Distribution: (1) Lab Copy, (2) Region Copy, (3) SMO Copy

# QC EXCEPTION SUMMARY REPORT

CASE # 6941
DATA SET # SF 3846
LAB Q.C.# 6941
DATE: 5/

SITE Swift Adhesives & Coatings
LAB Environmental Science and Engineering, Inc.
REVIEWED BY R Biccione

MATRIX: soil
CONC. : low

WATER SAMPLE SPK.
WATER SAMPLE DUP.
SOIL SAMPLE SPK. MEL 045
SOIL SAMPLE DUP. MEL 045

| | OVERALL CASE QC | | | | | | | | | MATRIX SPECIFIC QC | | | | | | SAMPLE SPECIFIC QC | | FIELD QC | | | REGIONAL QC | | | OTHER/ COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Holding Time | Cal Blanks | Init. Cal ver | Contin. Cal ver | Prep. Blk AQ | Prep Blk SOL | ICS %R | LCS % AQ | LCS % SOL | Sol Dup RPD | Sol Spk. %R | AQ Dup RPD | AQ Spk. %R | Ser Diln AQ | Ser Diln SOL | GFAA Dup | GFAA Spike | Blank | Dup RPD | Spike %R | Blind Blank | Blind Spike %R | Split Sample RPD | |
| inum | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | | | | ✓ | ✓ | | | | | | | | | |
| nony | | | | | | | | | | | | | | | | | | | | | | | | |
| ic | | ✓ | ✓ | ✓ | | ✓ | | | | | 72 | | | | | | | | | | | | | |
| m | | | | | | | | | | | 132 | | | | | | | | | | | | | |
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| nium | | | | | | | | w/in CRDL | 64 | | 140 | | | | 64 | | | | | | | | | |
| l | | | | | | | | | | 38 | | | | | | | | | | | | | | |
| r | | | | | | | | | | 37 | | | | | | | | | | | | | | |
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| nese | | | | | | | | | | | | | | | | | | | | | | | | |
| y | | | | | | | | w/in CRDL | 64 | | | | | | 64 | | | | | | | | | |
| um | | | | | | | | | | | | | | | | | | | | | | | | |
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| um | | | | | | | | w/in CRDL | 243 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 23 | | | | | | | | | |
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Form I

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87FK03 5MAY

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. MEL045

Date 4-23-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME ESE, INC

CASE NO. 6941

SOW NO. 785

Lab Receipt Date 3/19/87

LAB SAMPLE ID. NO. CLP6941*1

QC REPORT NO. 6941

Elements Identified and Measured

Concentration: Low ✓ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One) CGM 4-23-87

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Aluminum | 7580 | P * RP 5/10/87 | 13. | Magnesium | 16400 | P |
| 2. | Antimony | ~~16~~ 7.2 DOSE 4-23-87 | PU | 14. | Manganese | 1260 | PN* RP CGM 4-23-87 |
| 3. | Arsenic (J) | 11 | FN | 15. | Mercury | 0.10 | C |
| 4. | Barium (J) | 432 | PN* RP | 16. | Nickel | 61 | P* RP |
| 5. | Beryllium | 2.1 | PU | 17. | Potassium | [942] | P |
| 6. | Cadmium | 12 | P* RP | 18. | Selenium | 2.4 | FN*S (J) RP |
| 7. | Calcium | 33800 | P | 19. | Silver | [1.9] | P |
| 8. | Chromium (J) | 89 | PN* RP | 20. | Sodium | [682] | P |
| 9. | Cobalt (J) | 158 | P* | 21. | Thallium | 0.59 U RP 5/17 | F |
| 10. | Copper (J) | 489 | CGM 4-23-87 PN* | 22. | Vanadium | 52 | P* RP |
| 11. | Iron | 20000 | CGM 4-23-87 P* | 23. | Zinc (J) | 1650 | E PN* RP CGM 4-23-87 |
| 12. | Lead | 4360 | F | | Precent Solids (%) | 44 | |

Cyanide ~~2.2~~ 1.37 RP 5/19

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: Black, fine texture, with some plant matter

Lab Manager Charles G. Manod



IFB Amend. One

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Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

87FK03513
EPA Sample No.
MEL046

Date 4-23-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME ESE, Inc.
CASE NO. 6941
SOW NO. 785
Lab Receipt Date 3/19/87
LAB SAMPLE ID. NO. CLP6941*2
QC REPORT NO. 6941

Elements Identified and Measured

Concentration: Low ✓ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Aluminum | 4650 | P * RP 5/6 | 13. | Magnesium | 2930 | P |
| 2. | Antimony | 12 | P | 14. | Manganese | 890 | PN* RP Clem 5/14/87 4-23-87 |
| 3. | Arsenic (J) | 5.2 | FN | 15. | Mercury | 0.06 U RP SP | C |
| 4. | Barium (J) | 87 | PN* RP | 16. | Nickel | 102 | P * RP |
| 5. | Beryllium | 1.5 | P | 17. | Potassium | [620] | P |
| 6. | Cadmium | 12 | P * RP | 18. | Selenium | [0.84] RK 5/7 | FN* RP (J) |
| 7. | Calcium | 13000 | P | 19. | Silver | [1.3] | P |
| 8. | Chromium (J) | 33 | PN* RP | 20. | Sodium | [409] | P |
| 9. | Cobalt (J) | 6.5 | P * | 21. | Thallium | 0.42 U RP 5/7 | F |
| 10. | Copper (J) | 211 Clem 4-23-87 | PN* | 22. | Vanadium | 35 | P * RP |
| 11. | Iron | 125000 Clem 4-23-87 | P * | 23. | Zinc (J) | 4000 | E PN* RP Clem 4-23-87 |
| 12. | Lead | 543 | FS | | Precent Solids (%) | 62 | |

Cyanide 1.3

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: Brown, fine texture, with some plant matter and small rocks.

Lab Manager Charles A. Manard



IFB Amend. One

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Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

87FK03514
EPA Sample No.
MEL257

Date 4-23-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME ESE, Inc. CASE NO. 6941
SOW NO. 785 Lab Receipt Date 3/19/87
LAB SAMPLE ID. NO. CCP6941#3 QC REPORT NO. 6941

Elements Identified and Measured

Concentration: Low ✓ Medium ____

Matrix: water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Aluminum | 1370 | P ~~*~~ RR | 13. | Magnesium | 5420 | P |
| 2. | Antimony | 7.7 | P | 14. | Manganese | 52 | P ~~N*~~ RR Clem 4-23-87 |
| 3. | Arsenic (J) | 1.6 | FN | 15. | Mercury | 0.04 U RSB | C |
| 4. | Barium (J) | [17] | P ~~N*~~ RR | 16. | Nickel | 8.9 | P ~~*~~ RR |
| 5. | Beryllium | 1.0 | P | 17. | Potassium | [133] | P |
| 6. | Cadmium | 5.2 | P ~~*~~ RR | 18. | Selenium | 0.21 | F ~~LN*~~ RR (UJ) |
| 7. | Calcium | 9170 | P | 19. | Silver | [0.90] | P |
| 8. | Chromium (J) | 4.3 | P ~~N*~~ RR | 20. | Sodium | [205] | P |
| 9. | Cobalt (J) | 4.3 | P ~~*~~ | 21. | Thallium | 0.28 U RSB | F |
| 10. | Copper (J) | 30 Clem 4-23-87 | P ~~N*~~ | 22. | Vanadium | 2.9 | P ~~*~~ RR |
| 11. | Iron | 2650 Clem 4-23-87 | P ~~*~~ | 23. | Zinc (J) | 59 | E P ~~N*~~ RR Clem 4-23-87 |
| 12. | Lead | 176 | F | | Precent Solids (%) | 94 | |

Cyanide 1.4

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: Grey-Brown, Fine texture; appears clayey with some plant matter

Lab Manager Charles [illegible]



IFB Amend. One

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Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

87FK03515

EPA Sample No. MEL 258

Date 4-23-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME ESE, Inc.

CASE NO. 6941

SOW NO. 785

Lab Receipt Date 3/19/87

LAB SAMPLE ID. NO. CLP6941#4

QC REPORT NO. 6941

Elements Identified and Measured

Concentration: Low ✓ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Aluminum | 2000 | P ~~*~~ RP | 13. | Magnesium | 1240 | P |
| 2. | Antimony | 8.2 | P | 14. | Manganese | 83 | ~~PN*~~ RP CSM 4-23-87 |
| 3. | Arsenic (J) | 1.8 | F N | 15. | Mercury | 0.05 U RP 5/7 | C |
| 4. | Barium (J) | [23] | PN~~*~~ RP | 16. | Nickel | 26 | P ~~*~~ RP |
| 5. | Beryllium | 1.1 | P | 17. | Potassium | [159] | P |
| 6. | Cadmium | 2.4 | P ~~*~~ RP | 18. | Selenium | [0.77] RP 5/7 | FN ~~*~~ RP (J) |
| 7. | Calcium | 2480 | P | 19. | Silver | [0.95] | P |
| 8. | Chromium (J) | 31 | PN~~*~~ RP | 20. | Sodium | [253] | P |
| 9. | Cobalt (J) | 4.5 | P * | 21. | Thallium | 0.30 U RP 5/7 | F |
| 10. | Copper (J) | 114 | ~~PN*~~ CSM 4-23-87 | 22. | Vanadium | [7.6] | P ~~*~~ RP |
| 11. | Iron | 6500 | ~~P*~~ CSM 4-23-87 | 23. | Zinc (J) | 989 | E ~~PN*~~ RP CSM 4-23-87 |
| 12. | Lead | 118 | F S | | Precent Solids (%) | 88 | |

Cyanide 0.57 U CSM 4-23-87 ~~0.50 U~~

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: Grey - Brown, Fine texture; appears clayey with some plant matter

Lab Manager Charles [signature]



IFB Amend. One

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Form I

87FK02516

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. MEL 259

Date 4-23-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME ESE, Inc.
CASE NO. 6941
SOW NO. 785
Lab Receipt Date 3/19/87
LAB SAMPLE ID. NO. CLP6941*5
QC REPORT NO. 6941

Elements Identified and Measured

Concentration: Low ✓ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | Aluminum | 1960 | P * RP | 13. | Magnesium | [577] | P |
| 2. | Antimony | 7.8 | PU | 14. | Manganese | 89 | ~~PN*~~ RP CGM 4-23-87 |
| 3. | Arsenic (J) | 3.4 | F N | 15. | Mercury | 0.39 | C |
| 4. | Barium (J) | [32] | PN* RP | 16. | Nickel | [7.6] | P * RP |
| 5. | Beryllium | 1.0 | PU | 17. | Potassium | [276] | P |
| 6. | Cadmium | 7.3 | PU* RP | 18. | Selenium | 0.22 | FUN* RP (UJ) |
| 7. | Calcium | 1580 | P | 19. | Silver | [0.91] | PU |
| 8. | Chromium (J) | 5.3 | PN* RP | 20. | Sodium | [250] | P |
| 9. | Cobalt (J) | 4.3 | P * | 21. | Thallium | 0.28 | U RP 5/7 F |
| 10. | Copper (J) | 43 | ~~PN*~~ CGM 4-23-87 | 22. | Vanadium | [7.3] | P * RP |
| 11. | Iron | 4200 | P * CGM 4-23-87 | 23. | Zinc (J) | 553 | E ~~PN*~~ RP CGM 4-23-87 |
| 12. | Lead | 406 | F S | | Precent Solids (%) | 92 | |

Cyanide 0.54 U CGM 4-23-87 ~~0.50 U~~

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: Grey-Brown, Fine texture; appears clayey with some plant matter

Lab Manager Charles G. Manod



IFB Amend. One

Table 3
PRE score
Summary Screen

Ashland Chemical/Swift Adhesiv
IND060370343 File: ASHLAND.HRS Site Score 6.71

PREscore Version 3.0

| Pathway | Likelihood of Release | Waste Characrteristics | Targets | Pathway Score |
|---|---|---|---|---|
| Groundwater | 130 | 1 | 5.00E+00 | 0.01 |
| Drinking Water | 250 | 18 | 0.00E+00 | 0.00 |
| Food Chain | 250 | 180 | 0.00E+00 | 0.00 |
| Environment | 250 | 180 | 0.00E+00 | 0.00 |
| Surface Water | | Overland flow | | 0.00 |
| Resident | 550 | 18 | 0.00E+00 | 0.00 |
| Nearby | 125 | 18 | 6.70E+01 | 1.83 |
| Soil Exposure | | | | 1.83 |
| Air | 390 | 6 | 4.69E+02 | 13.30 |