US EPA RECORDS CENTER REGION 5
518988

IL-299-05

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Refinery Products	4256 Wesley Terrace

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Schiller Park	IL	60176	Cook	031	11

09 COORDINATES — LATITUDE: 57 30 00.0 — LONGITUDE: 087 52 00.0

10 TYPE OF OWNERSHIP (Check one): ☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION: 10, 2, 84 (MONTH DAY YEAR)

02 SITE STATUS: ☒ ACTIVE ☐ INACTIVE

03 YEARS OF OPERATION: 1935 (BEGINNING YEAR) | 1984 (ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply): ☐ A. EPA ☒ B. EPA CONTRACTOR Ecology + Environment Inc (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ___ (Name of firm) ☐ E. STATE ☐ F. STATE CONTRACTOR ___ (Name of firm) ☐ G. OTHER ___ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Dan Cozza	Biologist	Ecology + Environment	(312) 663-9415

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Renee Hix	Biologist	Ecology + Environment	(312) 663-9415
Dave Curnock	Biologist	Ecology + Environment	(312) 663-9415
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
			( )
			( )
			( )
			( )
			( )
			( )

OFF-SITE INSPECTION
NO PERMISSION NEEDED

17 ACCESS GAINED BY (Check one): ☐ PERMISSION ☐ WARRANT

18 TIME OF INSPECTION: 9:00

19 WEATHER CONDITIONS: Sunny ~65° Wind out of S-SE

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Ken Bechely / Lynn Crivello	IEPA	(312) 345-9780

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Dan Cozza	—	Ecology + Environment	663-9415	10, 2, 84 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

REFERENCE 20
SITE NAME Refinery Products
SITE ID D000665786

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665776

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

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

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

Estimated TANK CAPACITY CUBIC YARDS 1101.68

NO. OF DRUMS ~135

03 WASTE CHARACTERISTICS (Check all that apply)

- [x] A. TOXIC
- [ ] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [x] D. PERSISTENT
- [x] E. SOLUBLE
- [ ] F. INFECTIOUS
- [ ] G. FLAMMABLE
- [x] 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	—	—	TOTAL volume Breakdown unknown since it is not known what tanks or drums were used for solvent storage. Manifests show that at least 234,000 gallons of solvents arrived at the site during 1983 and at least 368,705 gallons from 1980-1984 TANKS WERE assumed full and total estimated volume is used.
OLW	OILY WASTE	—	—	
SOL	SOLVENTS	—	—	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
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
OLW	polychlorinated biphenyls	1336-36-3	WASTE OIL TANKS	65	ppm
SOL	trichloroethane	25323-89-1	Drums OR TANKS	unknown	—
SOL	toluene	108-88-3	" "	" "	—
SLU	chlorinated sludges	—	" "	" "	—
SOL	trichloroethylene	79-01-6	" "	" "	—
SOL	mineral spirits	—	" "	" "	—

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)

off.-site inspection 10/2/84

IEPA files - MAYWOOD

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D006665778

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 — 04 NARRATIVE DESCRIPTION
Many spills onto the ground noted through out and around the site. Soil in diked area, according to IEPA, is saturated to 3 ft deep with oily waste. Surrounding area population is serviced by Lake Michigan, Chicago Water, for their drinking supply.

01 ☒ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 — 04 NARRATIVE DESCRIPTION
The Des Plaines River is approximately 1/2-3/4 miles to the east of the site, but a combination storm/sanitary sewer is located in front of the Process Building. All water entering this sewer would first be treated by the MSD prior to discharge into the Des Plaines River.

01 ☒ C. CONTAMINATION OF AIR — 02 ☒ OBSERVED (DATE: 8/3/84) — ☐ POTENTIAL — ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 30,769 2 mile — 04 NARRATIVE DESCRIPTION
On 10/2/84 during an offsite inspection, no readings above background with an HNU/10.2 probe were obtained. Oil type odors however were apparent. Residents have complained of odor problems and an inspection by IEPA + USEPA showed Benzene, Trichlor, toluene and Carbon Monoxide in the air on-site

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 30 769 2 mile — 04 NARRATIVE DESCRIPTION
Solvents, oily waste, and gasoline/kerosene are stored on-site

01 ☒ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 12 214 1 mile — 04 NARRATIVE DESCRIPTION
Site is surrounded by either a fence or a concrete containment wall, but neither poses the needed security for this site. Also waste has in the past and is presently leaking off-site through the containment wall, so direct contact is very possible

01 ☒ F. CONTAMINATION OF SOIL — 02 ☒ OBSERVED (DATE: 10/2/84) — ☐ POTENTIAL — ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 1 (Acres) — 04 NARRATIVE DESCRIPTION
Many stained areas are apparent throughout the site. Samples taken by IEPA in 8/84 show PCB contaminated soils. Also see part (a) above.

01 ☒ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 0 — 04 NARRATIVE DESCRIPTION
Surrounding area is serviced by Chicago - Lake Michigan water. Some residents may have wells that are used for gardening and other outdoor uses. Schiller Park ordinance, since mid 1970's, bans the use groundwater for human consumption

01 ☒ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: unknown — 04 NARRATIVE DESCRIPTION
Site seems to have been sloppily run, so past workers could very well have been exposed - future cleanup workers also have the potential of being affected

01 ☒ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 12 214 1 mile — 04 NARRATIVE DESCRIPTION
The site is within 100-150 feet from the nearest resident and it is solid residential to the north and east of the site. Since the waste is easily accessible, off-site as well as on-site, the neighboring population does have the potential to be affected. Also see Part 3 sections B, C, E, G, L, M, N + O

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Soils around the outside of the site are stained and weed growth may be inhibited

01 ☒ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION (Include name(s) of species)

None noted during 10/2/84 inspection

01 ☒ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Potential - dependent on groundwater potential contamination and the use of groundwater by nearby Schiller Park residents. Some residents may be using groundwater for outside uses such as watering of gardens.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☒ OBSERVED (DATE: 10/2/84) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 12 214 1 mile

04 NARRATIVE DESCRIPTION

Waste oily liquid was noted seeping through cracks in the containment wall and sidewalk on the east side of the site. Also - puddled liquid on-site has multi-color oils sheen and other non-oil like colors. Drums in poor condition were also noted on-site - contents unknown - SEE Part 3(N)

01 ☒ N. DAMAGE TO OFFSITE PROPERTY — 02 ☒ OBSERVED (DATE: 8-16-84) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Oily waste seeping offsite onto railroad property - IEPA sample, 8-16-84, showed 65 ppm of PCBs in the oily waste seeping off of the west side of the facility onto the railroad property. In August, 84 IEPA had the site sealed and cleaned up offsite spills around the concrete containment wall, but leaks and spills are still apparent, during the 10/2/84 inspection, along the public sidewalk on the east portion of the site

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☒ ALLEGED

04 NARRATIVE DESCRIPTION

Potential, during heavy rains, surface water runoff will flow towards a manhole at Wesley Terrace and Cullum Aves. This sewer is a combination sewer and flows to MSD on Irving Park and River Road for treatment prior to discharge into the Des Plaines River. Both the city of Schiller Park and MSD have cited Refinery Products for violations involving wastes from the site entering the sewer system.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☒ OBSERVED (DATE: 8/84) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

The facility has filed for bankruptcy and all the wastes on site have been abandoned.

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

During the 10/2/84 off-site inspection - the on-site process building was not entered, but from IEPA files and site sketch, Tanks and drums are also inside the building. Conditions and contents of those are unknown -

III. TOTAL POPULATION POTENTIALLY AFFECTED: 30,769 - 2 mile radius

IV. COMMENTS

Facility was sealed by the IEPA on 8-22-84, Partial emergency cleanup was conducted on 8/22, 8/23, + 8/24 by Petrochem. Petrochem repaired fences, removed all off-site soil contamination - bringing it inside the containment wall + cleaned up puddled waste - the inspection of 10/2/84 notes waste material still is leaking on the east side onto the sidewalk and parkway. The railroad tank cars noted in the site sketch by the IEPA are no longer present.

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

Offsite investigation by ERE 10/2/84

IEPA files - Maywood

Ronald Sieracki - Village of Schiller Park - Water and Sewer Department Superintendent 312-678-2550

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☒ E. RCRA INTERIM STATUS				The site had Part A status but withdrew
☐ F. SPCC PLAN				
☒ G. STATE (Specify)				to store waste oils and solvents
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☒ C. DRUMS, ABOVE GROUND	33.75	yd³
☒ D. TANK, ABOVE GROUND	1038.39	yd³
☐ E. TANK, BELOW GROUND	Unknown	—
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☒ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☒ H. OTHER Solvent Storage (Specify)

05 OTHER

- ☒ A. BUILDINGS ON SITE

06 AREA OF SITE: 1 - 2 (Acres)

07 COMMENTS

The total volume of wastes in the tanks is not known, The amount stated above is an estimated total - see attached sheets.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☒ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

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

Drums outside were in poor condition; Some were open, some were on their sides and some rusted. Since the inspection was done off-site, the contents and quantity in each drum is unknown. The status of the 90 drums inside the process building, as noted by the IEPA file, is also unknown. The above ground tanks are or were leaking as evident by the waste accumulated in the containment wall area.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO

02 COMMENTS Even though the site is fenced either with wire fencing or concrete wall, some waste is migrating off-site and the fences + concrete wall could easily be scaled. Bicycle tracks were noted through an off-site "waste puddle" during the 10/2/84 inspection.

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

Off-site inspection 10/2/84 by E+E

IEPA files - Maywood

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. ☒	B. ☐
NON-COMMUNITY	C. ☐	D. ☒

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☒
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
Lake Michigan
Chicago water
A. 3+ (mi)
B. 1/2 - 3/4 (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☒ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) some Residents may be using groundwater for gardening purposes only ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 0

03 DISTANCE TO NEAREST DRINKING WATER WELL ~ 1/2 - 3/4 (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
60 (ft)	Assumed EASTERLY	60 (ft)	UNKNOWN (gpd)	UNKNOWN ☐ YES ☐ NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)
Non-community well that is approximately one mile away is in the Schiller Woods on the opposite side of the Des Plaines River, than is the site (Refinery Products). The wells are pump.

10 RECHARGE AREA
☐ YES ☐ NO
COMMENTS N/A

11 DISCHARGE AREA
☐ YES ☐ NO
COMMENTS N/A

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

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

Des Plaines River may be used for recreation ie canoeing, fishing

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Des Plaines River	☐	~ 1/2 (mi)
	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. 12,214 NO. OF PERSONS	B. 30769 NO. OF PERSONS	C. 74222 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION
~ 100 - 150 feet

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE
~8100
30769 / 3.8

04 DISTANCE TO NEAREST OFF-SITE BUILDING
< 1/4 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)
Residential homes are immediately to the north and East of the site.
Railroad yard is to the west and south of the facility

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D006665786

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one) silty clay

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

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

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
60 - 80 (ft)	At least 3 (ft)	unknown

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
2.0-4.0 (in)	2.0 - 2.5 (in)	0-2 %	East	0-2 %

09 FLOOD POTENTIAL: SITE IS IN unknown YEAR FLOODPLAIN

10: ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY N/A

11 DISTANCE TO WETLANDS (5 acre minimum): ESTUARINE N/A OTHER

A. _____ (mi) B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species): unknown (mi)

ENDANGERED SPECIES: _____

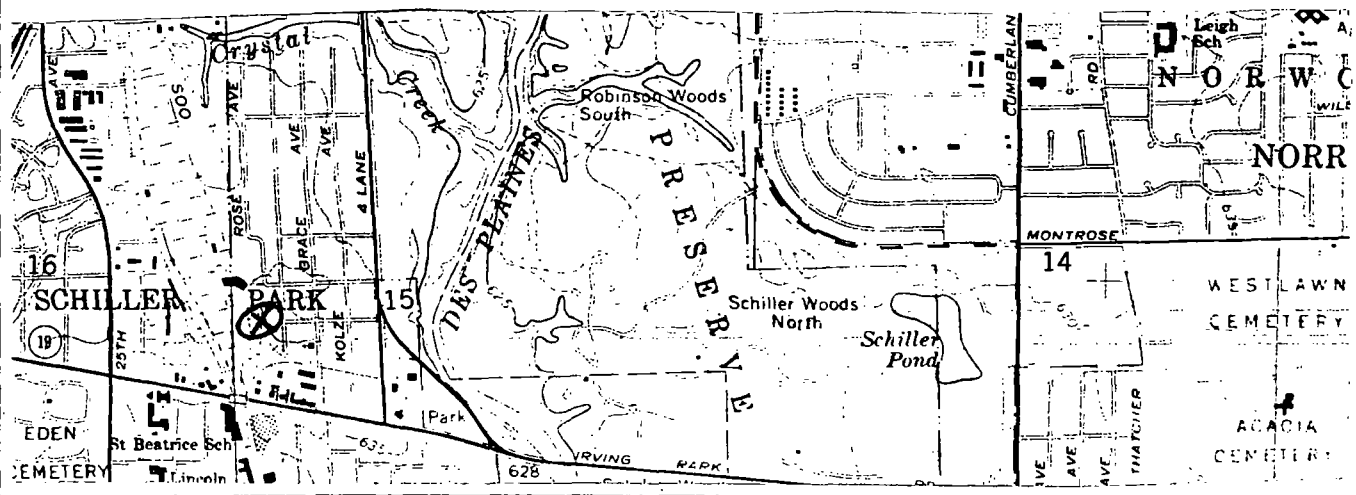
13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. <1/4 (mi)	B. 100-150' ~~(mi)~~	C. N/A (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The area is relatively flat with gentle slope towards the Des Plaines River to the east



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

off-site inspection 10/2/84
River Forest Quadrangle Topographic Map. 7.5 minute
IEPA files - Maywood
Well and boring logs from Illinois Water Survey, Batavia IL

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786 178

II. SAMPLES TAKEN NONE Taken 10/2/84

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

III. FIELD MEASUREMENTS TAKEN NONE

01 TYPE	02 COMMENTS

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☒ GROUND ☐ AERIAL

02 IN CUSTODY OF Ecology and Environment Inc files (Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS Ecology + Environment files -

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

thru with 10.2 probe - no readings above background found around the perimeter of the site.

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

off Site inspection 10/2/84

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786 778

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Refinery Products		4256 Wesley Terrace		Schiller Park	IL	60176

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE	12 CITY	13 STATE	14 ZIP CODE
Que Voe Chemical Industries		2323 Mt. Prospect Rd		Des Plaines	IL	60018

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE

IV. REALTY OWNER(S) (If applicable; list most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE

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

IEPA files (Maywood)

EPA FORM 2070-13 (7-81)

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000665786

II. CURRENT OPERATOR *(Provide if different from owner)*

01 NAME NONE Site Claiming Bankruptcy	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE	12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE
05 CITY / 06 STATE	07 ZIP CODE	14 CITY / 15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER		

OPERATOR'S PARENT COMPANY *(If applicable)*

III. PREVIOUS OPERATOR(S) *(List most recent first; provide only if different from owner)*

PREVIOUS OPERATORS' PARENT COMPANIES *(If applicable)*

01 NAME Refinery Products	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE	12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE
05 CITY / 06 STATE	07 ZIP CODE	14 CITY / 15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		
01 NAME	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE	12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE
05 CITY / 06 STATE	07 ZIP CODE	14 CITY / 15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		
01 NAME	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	04 SIC CODE	12 STREET ADDRESS *(P.O. Box, RFD #, etc.)*	13 SIC CODE
05 CITY / 06 STATE	07 ZIP CODE	14 CITY / 15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		

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

IEPA files - Maywood

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000665786 7780

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
- MANY -			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
- MANY -			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

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

off-site generators and transporters available through IEPA maywood - computer printout of wastes, generators and transporters

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D006665786

II. PAST RESPONSE ACTIVITIES

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

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

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

01 ☒ D. SPILLED MATERIAL REMOVED — 02 DATE 8/22-23-24/84 — 03 AGENCY IEPA - Maywood
04 DESCRIPTION waste materials spilled on-site and migrated off-site. Cleaned-up by Petrochem-IEPA and placed within on-site containment area.

01 ☒ E. CONTAMINATED SOIL REMOVED — 02 DATE 8/22-23-24/84 — 03 AGENCY IEPA - Maywood
04 DESCRIPTION off-site contaminated soils were removed by Petrochem and placed on-site within on-site containment area

01 ☒ F. WASTE REPACKAGED — 02 DATE 8/22-23-24/84 — 03 AGENCY IEPA - Maywood
04 DESCRIPTION puddled waste liquids were pumped by Petrochem into on-site tanks.

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

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

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

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

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

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

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

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

01 ☒ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE 8/22-23-24/84 — 03 AGENCY IEPA - Maywood
04 DESCRIPTION Petrochem installed clay walls within the tank containment area to divert surface water from ponding along the concrete containment walls.

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

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

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000665786

II PAST RESPONSE ACTIVITIES *(Continued)*

01 ☒ R. BARRIER WALLS CONSTRUCTED — 02 DATE 8/22-23-24/84 — 03 AGENCY IEPA Maywood
04 DESCRIPTION Clay barrier walls were installed within the containment area on-site to help keep waste liquid away from the concrete containment wall.

01 ☐ S. CAPPING/COVERING — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☒ T. BULK TANKAGE REPAIRED — 02 DATE 8/22-23-24/84 — 03 AGENCY IEPA - Maywood
04 DESCRIPTION On-site above ground tanks were repaired + sealed

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☐ W. GAS CONTROL — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☐ X. FIRE CONTROL — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☒ 1. ACCESS TO SITE RESTRICTED — 02 DATE 8/22/84 — 03 AGENCY IEPA Maywood
04 DESCRIPTION IEPA sealed the site on 8/22/84 restricting all access to the facility.

01 ☐ 2. POPULATION RELOCATED — 02 DATE — 03 AGENCY
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE — 03 AGENCY
04 DESCRIPTION

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

Off-site inspection 10/2/84
IEPA files - Maywood

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000665786

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

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

Site has filed for bankruptcy, and abandoned hazardous and potentially hazardous materials on-site.
Enforcement action is pending -

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

IEPA files - Maywood

EPA FORM 2070-13 (7-81)

Immediate Removal Action Check Sheet

		High	Moderate	Low
Fire and Explosion Hazard				
Flammable Materials	YES		X	
Explosives	N/A			
Incompatable Chemicals	N/A			
Direct Contact with Acutely Toxic Chemicals				
Site Security	Poor - site is fenced, but waste has migrated off-site.		X	
Leaking Drums or Tanks	Tank containment area is leaking onto a public sidewalk	X		
Open Lagoons or pits				
Materials on Surface	stained soils noted on and off-site, Drums stored sloppily right against site fence.	X		
Proximity of Population	nearest resident is 100-150 ft to the east	X		
Evidence of Casual Site Use	bulldozer tracks entering the north gate were relatively fresh on 10/2/84			X

Contaminated Water Supply

Exceeds 10 Day Snarl N/A

Gross Taste or Odors N/A

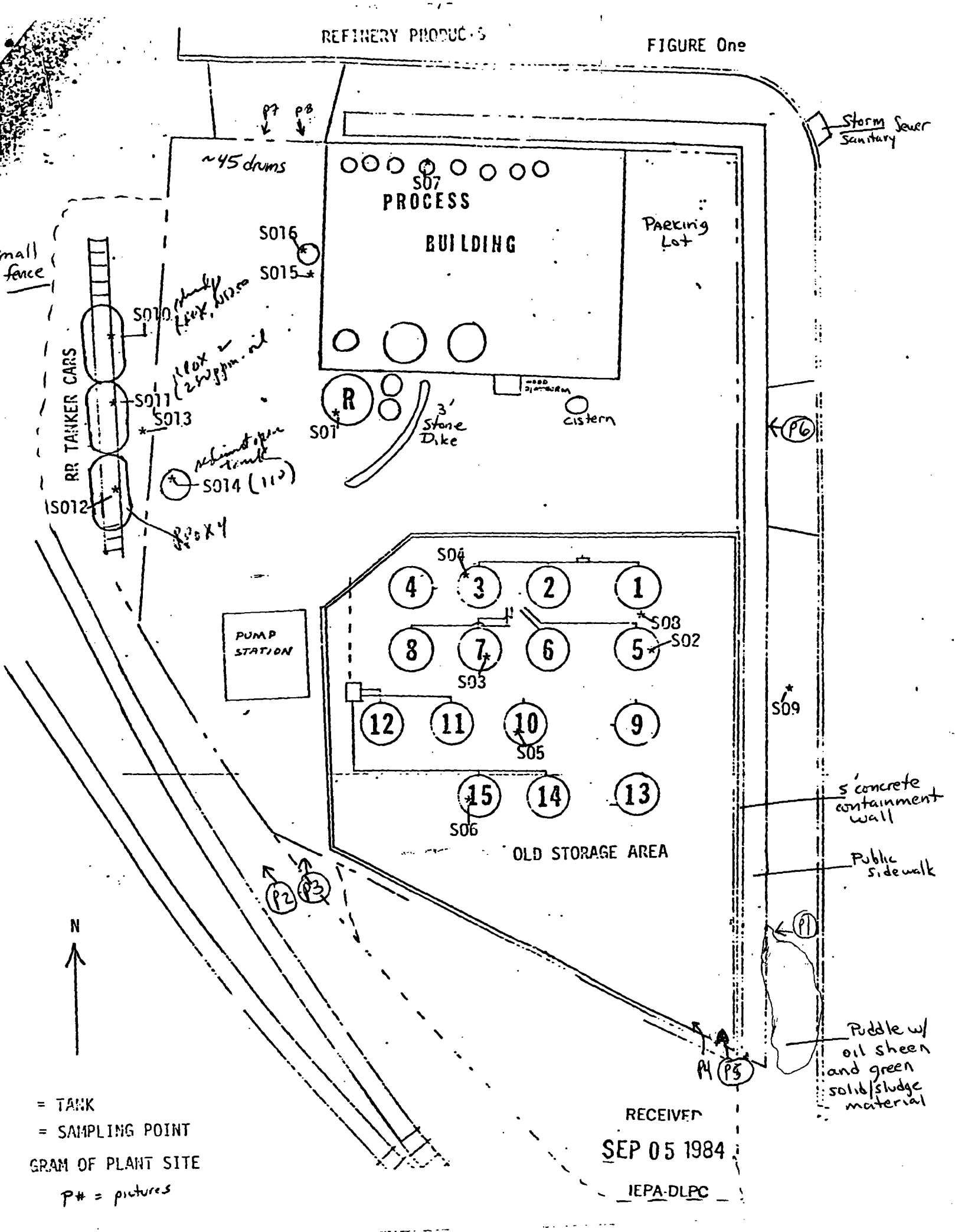
Alternate Water Available N/A

Potential Contamination N/A

Is the site abandoned or active?

The site is abandoned and the owners have filed for bankruptcy

FIGURE One


REFINERY PRODUCTS
P7
P8
~45 drums
Storm Sewer
Sanitary
S07
PROCESS
BUILDING
Parking Lot
S016
S015
small fence
S010
S011
S013
RR TANKER CARS
S014
S012
R
S01
3' Stone Dike
cistern
P6
PUMP STATION
S04
4
3
2
1
S08
8
7
6
5
S02
S03
12
11
10
9
S05
S09
15
14
13
S06
5' concrete containment wall
OLD STORAGE AREA
Public sidewalk
P2
P3
P1
N
Puddle w/ oil sheen and green solid/sludge material
P4
P5
= TANK
= SAMPLING POINT
GRAM OF PLANT SITE
P# = pictures
RECEIVED
SEP 05 1984
IEPA-DLPC

Tank No.	OPERATIONAL USE
R	Receiving Tank Waste Oil
1	Water Separation - Waste Oil
2	Water Separation - Waste Oil
3	Water Separation - Waste Oil
4	Receiving Tank Crank Case Oil
5	Receiving Tank Crank Case Oil
6	Treatment Tank Mineral Spirits
7	Reclaimed Product Storage
8	Reclaimed Product Storage
9	Out of Service
10	Receiving Tank Heat Exchanger Treated Oil
11	Out of Service Form Oil
12	Treated Product Storage Light Oil (kerosene - No. 2 fuel oil..)
13	Out of Service
14	Clean Tank New Product
15	Form Oil

DATE 10/2/84

TIME 9:11 A.M. P.M.

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

WEATHER Sunny ~65°

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY: D. Cozza

SAMPLE ID# (if applicable) N/A

DESCRIPTION: Inside tank containment area

DATE 10/2/84

TIME 9:13 A.M. P.M.

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

WEATHER Sunny ~65

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY: D Cozza

SAMPLE ID# (if applicable) N/A

DESCRIPTION: Cistern in Right foreground, Tank R in background - Picture taken from front gate.

recycled paper

DATE: 10/2/84

TIME 9:07 (A.M.) P.M.

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

WEATHER Sunny ~65°

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY:

D. Cozza

SAMPLE ID# (if applicable)

N/A

DESCRIPTION: WEST PORTION OF FACILITY.

DATE 10/2/84

TIME 9:10 (A.M.) P.M.

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

WEATHER Sunny ~65°

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY:

D Cozza

SAMPLE ID# (if applicable)

N/A

DESCRIPTION: Inside tank containment area

DATE 10/2/84

TIME 9:00 (A.M.) P.M.

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

WEATHER Sunny
~65°

SITE Refinery Products

IDD# 8409-04

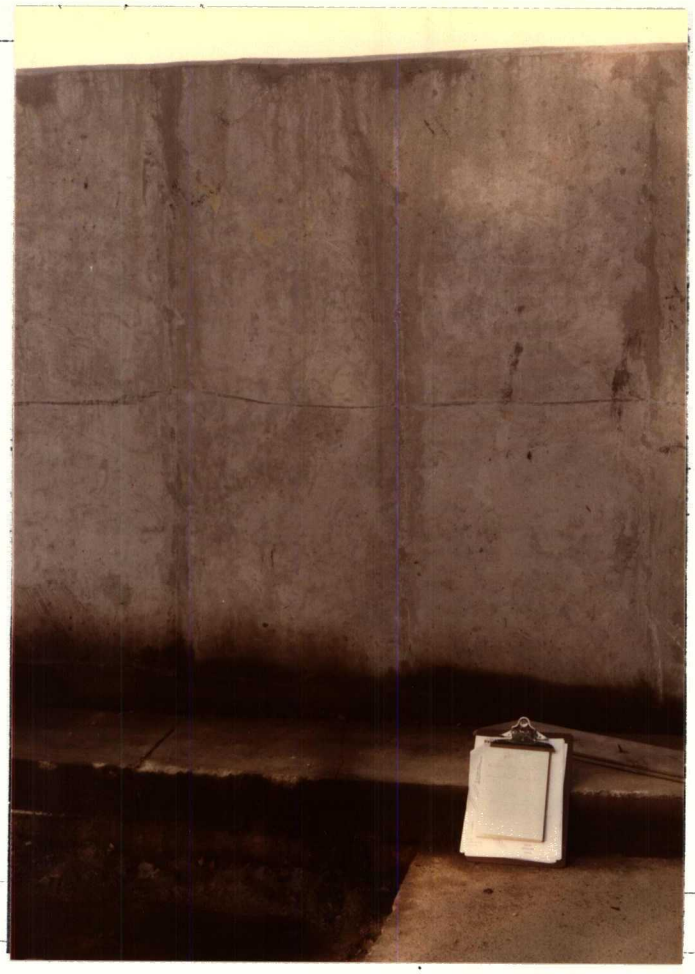
PHOTOGRAPHED BY:

D. Cozza

~~SAMPLE ID# (if applicable)~~

public side walk outside of concrete containment wall — oil stained soil and puddle in front left

DESCRIPTION: corner of picture - Also green sludge/solid material in front left corner



DATE 10/2/84

TIME 9:05 (A.M.) P.M.

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

WEATHER Sunny
~65

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY:

D. Cozza

SAMPLE ID# (if applicable)

N/A

DESCRIPTION: Contaminated Railroad spur inside fenced area

recycled paper

DATE 10/2/84

TIME 9:16 A.M. P.M.

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

WEATHER Sunny ~65°

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY: D. Cozza

SAMPLE ID# (if applicable) N/A

DESCRIPTION: Drums stored on NORTHWEST PORTION of FACILITY

DATE 10/2/84

TIME 9:16 A.M. P.M.

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

WEATHER Sunny ~65°

SITE Refinery Products

IDD# 8409-04

PHOTOGRAPHED BY: D. Cozza

SAMPLE ID# (if applicable) N/A

DESCRIPTION: Rear PORTION of Facility

recycled paper

midwest environment, inc