EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

PA/SI

REGION	SITE NUMBER (to be assigned by HQ)
6	LA03263

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (*Section II*). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System: Hazardous Waste Enforcement Task Force (*EN-335*); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET (or other identifier)		
~~Exxon Co. U.S.A., Maryland Tank Farm~~	LA 19, Scenic Hwy		
C. CITY	**D. STATE**	**E. ZIP CODE**	**F. COUNTY NAME**
Scotlandville (Baton Rouge)	LA	70807	East Baton Rouge

G. SITE OPERATOR INFORMATION

1. NAME	2. TELEPHONE NUMBER		
Lawrence Kronenberger, Chief Environmental Control	504/359-4390		
3. STREET	**4. CITY**	**5. STATE**	**6. ZIP CODE**
P.O. Box 551	Baton Rouge	LA	70821

H. REALTY OWNER INFORMATION (*if different from operator of site*)

1. NAME	2. TELEPHONE NUMBER	
Exxon Co. U.S.A.	504/359-8430	
3. CITY	**4. STATE**	**5. ZIP CODE**
P.O. Box 551, Baton Rouge	LA	70821

I. SITE DESCRIPTION

See Attachment A

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

Reviewed by GAW-SC date 5/12/85

II. TENTATIVE DISPOSITION (*complete this section last*)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (*mo., day, & yr.*)

B. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Bharat Patel The Earth Technology Corporation	201/560-1650	7/17/84

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME	2. TITLE
Bharat Patel	Staff Hydrogeologist
3. ORGANIZATION	**4. TELEPHONE NO. (area code & no.)**
The Earth Technology Corporation	201/560-1650

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Joseph Torlucci, Jr.	The Earth Technology Corporation	201/560-1650
Thomas Myers	The Earth Technology Corporation	201/560-1650
Albert Hebert	Hazardous Waste Management Div., LADEQ	504/925-6580

C. SITE REPRESENTATIVES INTERVIEWED (*corporate officials, workers, residents*)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
N. W. Hollingshad	Operation Supports Dept. 504/359-4967	Exxon Co. U.S.A., Baton Rouge Refinery P.O.Box 551, Baton Rouge, LA 70821
Erwin R. Burbach	Facilities Devel. Dept. 504/359-8737	- same as above -

SUPERFUND FILE

9351763

MAR 2 4 1992

REORGANIZED

LAD000757237

Continued From Front

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Exxon Co. U.S.A. Maryland Tank Farm	504/359-8430	LA 19, Baton Rouge, LA 70807	separator sludge, leaded tank bottoms

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Rollins Environmental Services	504/778-1234	13351 Scenic Hwy, Baton Rouge, LA	tank bottoms, misc. wastes.
CECOS	504/686-7252	Highway 63, Livingston, LA	-same as above-

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
-same as E-		

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
7/11/84	8:30am-12:30pm	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER (describe)
sunny, hot, mid 90's

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify) Recon		Samples will be collected at a later date. (See map). The soil samples will be analyzed for metals, organics and oily wastes.	

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
	none	

Continue On Page 3

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: [X] a. GROUND [ ] b. AERIAL
2. PHOTOS IN CUSTODY OF: ATTACHED

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS: See Figures 1 and 2

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 30°32'45" N
2. LONGITUDE (deg.-min.-sec.): 91°11'00" W

V. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

[X] 2. INACTIVE (Those sites which no longer receive wastes.) Tank farm active.

[ ] 3. OTHER (specify): _____ (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[ ] 1. NO [X] 2. YES (specify generator's four-digit SIC Code): N/A

C. AREA OF SITE (in acres): 500 acres

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify): Control House, separator.

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION	X	2. LANDFARM (inactive)
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

[ ] 1. STORAGE [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [X] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. LIQUID [ ] 2. SOLID [X] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[X] 1. CORROSIVE (leaded tank bottoms) [ ] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[ ] 5. TOXIC [ ] 6. REACTIVE [X] 7. INERT (separator sludge) [ ] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

No. Verbal estimates of waste quantities were provided by facility personnel.

Continue On Reverse

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: 200	AMOUNT: 1600	AMOUNT: None	AMOUNT: None	AMOUNT: None	AMOUNT: None
UNIT OF MEASURE: cubic yards	UNIT OF MEASURE: cubic yards	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE:
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY, PHARMACEUT.
(2) METALS SLUDGES	X (2) OTHER (specify): Leaded tank bottoms.	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
X (5) OTHER (specify): Separator sludge (non-hazardous)			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Lead	X					X		7439-92-1	1600	cubic yards

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

___ A. HUMAN HEALTH HAZARDS

Continue On Page 5

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

☐ D. CONTAMINATION OF WATER SUPPLY

☐ E. CONTAMINATION OF FOOD CHAIN

☐ F. CONTAMINATION OF GROUND WATER

☐ G. CONTAMINATION OF SURFACE WATER

Continue On Reverse

Continued From Front

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

Continue On Page 7

Continued From Page 6

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION

☒ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

The low lying portions of the tankfarm may collect storm/rain water since the cover is not well graded.

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

☐ U. OTHER (specify):

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	600	600	200	1 mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	50	50	2	1 mile
3. IN PUBLICLY TRAVELLED AREAS	0	0	0	1 mile
4. PUBLIC USE AREAS (parks, schools, etc.)	150	150	1 (school)	1 mile

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
10 feet	East	Drinking
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
1000 gpm	within property itself	on-site

G. TYPE OF DRINKING WATER SUPPLY

☒ 1. NON-COMMUNITY <15 CONNECTIONS ☐ 2. COMMUNITY (specify town): _____ >15 CONNECTIONS

☐ 3. SURFACE WATER ☒ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

E. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
DW-1	2000 feet	Exxon Co., Maryland Tank Farm, LA 19, Baton Rouge	X	

F. RECEIVING WATER

1. NAME: Mississippi River

☐ 2. SEWERS ☒ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

The receiving waters have been designated as primary and secondary contact recreation areas for the propagation of fish and wildlife.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN: N/A

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

X	A. OVERBURDEN	*X*	B. BEDROCK (specify below)	*X*	C. OTHER (specify below)
	1. SAND				
X	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☐ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☒ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: 0-1%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: Northeast

J. OTHER GEOLOGICAL DATA

The uppermost aquifer ("400-foot sand" aquifer) is located at a depth of approximately 200 feet below the land surface.

Continue On Reverse

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UNKNOWN
NPDES	EPA	LA0005576	10/21/74	5/84			X
RCRA Part A	EPA	LAD000757237	8/18/80	None	X		

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

[X] NONE [ ] YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-3.

Corresponding number on form	Additional Remark and/or Explanation
I.I	Two separate areas were used for land spreading of separator sludge and leaded tank bottoms: the eastern area was utilized until 1978; the western area was used until early 1979. According to the site representative, the tank farm has been in operation since the late 1920's or early 1930's. Additional information describing the early stages of tank farming and land spreading operations is not available. A total of 1600 cubic yards of separator sludge, which may have included plastic pellets generated by an adjacent Exxon plastic company, was spread over an area of approximately two acres. Approximately 0.25 acres of the landfarm was utilized for the disposal of 200 cubic yards of leaded tank bottoms. During each application, approximately 6 (six) inches of separator sludge were spread out over the landfarm and left uncovered to permit evaporation of water and degradation of the sludge. Reportedly, techniques for degradation, transformation, or immobilization of wastes applied during land spreading were <u>not</u> employed at the site. Thus, the areas used for waste disposal are not classifiable as land <u>treatment</u> units. The disposal areas were covered with soil following termination of land spreading activities. Currently, all wastes generated at the facility are transported off-site.

LA03263

LAND FARM SITE INSPECTION REPORT
(Supplemental Report) Separator Sludge

INSTRUCTION
Answer and Explain as necessary.

1. STATE PERMIT
☐ YES ☒ NO

AREA *(Dimensions of Site)*
88,000 square feet

3. APPLICATION RATE
Approximately six inches of sludge were spread during each application (frequency of application is unknown)

4. IMPROPER DISPOSAL OF UNAUTHORIZED MATERIALS IN LAND FARM
☐ YES ☒ NO

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED
☐ YES ☐ NO N/A

6. EVIDENCE OF PONDING OF LIQUID ON SITE
☐ YES ☒ NO Note: The cover is not well graded; ponding may occur during a storm.

7. ODORS *(especially hydrogen sulfide) (If YES, indicate)*
☐ YES ☒ NO

8. GENERAL PHYSICAL APPEARANCE OF SOIL *(Color, Sand/Silt/Clay Content)*

clayey soil

9. VEGETATION ON LAND FARM

Most of the area used for land spreading is presently covered by grass.

10. pH

N/A

LA03263

LAND FARM SITE INSPECTION REPORT
(Supplemental Report) Leaded Tank Bottoms

INSTRUCTION
Answer and Explain as necessary.

1. STATE PERMIT
☐ YES ☒ NO

AREA (Dimensions of Site)
11,000 square feet

3. APPLICATION RATE
unknown

4. IMPROPER DISPOSAL OF UNAUTHORIZED MATERIALS IN LAND FARM
☐ YES ☒ NO

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED
☐ YES ☐ NO N/A

6. EVIDENCE OF PONDING OF LIQUID ON SITE
☐ YES ☒ NO Note: Since the cover is poorly graded, ponding may occur during a storm.

7. ODORS (especially hydrogen sulfide) (If YES, indicate)
☐ YES ☒ NO

8. GENERAL PHYSICAL APPEARANCE OF SOIL (Color, Sand/Silt/Clay Content)
clayey soil

9. VEGETATION ON LAND FARM
Most of the area used for land spreading is presently covered by grass.

10. pH
N/A

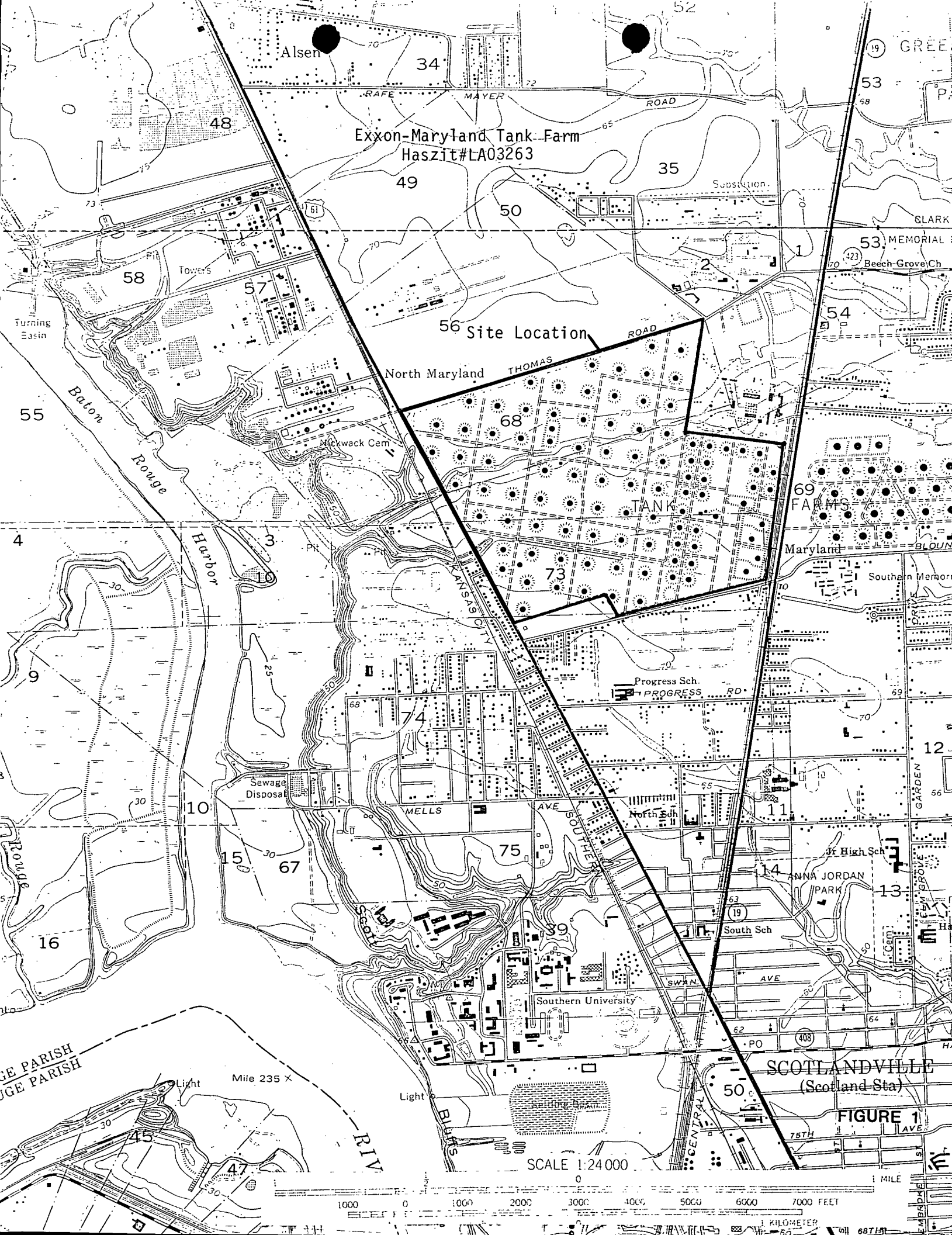
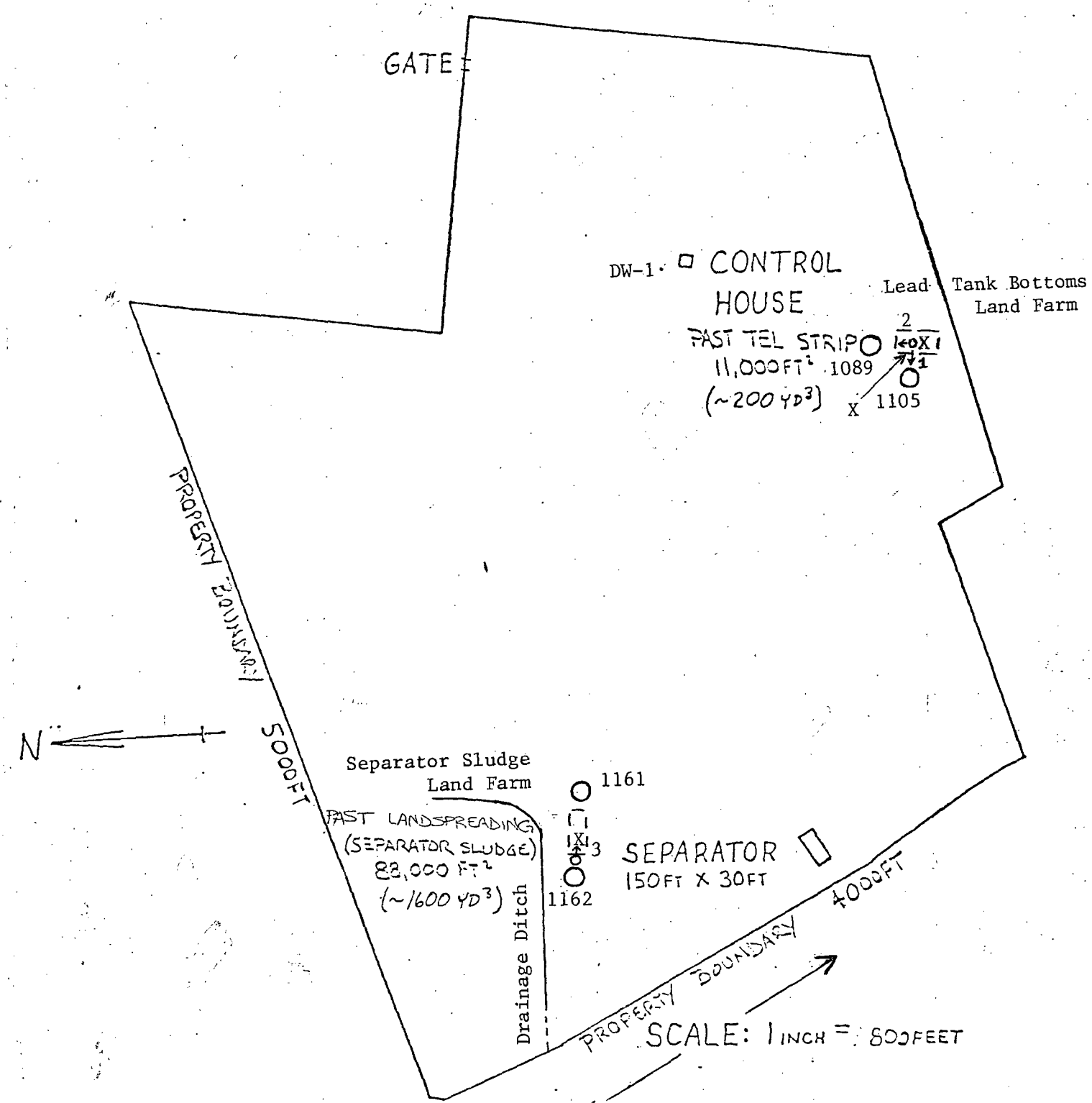

Exxon-Maryland Tank Farm
Haszit#LA03263
Site Location
Alsen
RAFE MAYER ROAD
Substation
CLARK
MEMORIAL
Beech Grove Ch
Towers
Turning Basin
North Maryland
THOMAS ROAD
Nickwack Cem
Baton Rouge Harbor
TANK FARMS
Maryland
Southern Memor
KANSAS CITY SOUTHERN
Progress Sch.
PROGRESS RD
Sewage Disposal
MELLS AVE
North Sch
Jr High Sch
ANNA JORDAN PARK
South Sch
Southern University
SWAN AVE
Scott
Light
Mile 235 X
Settling Basin
BLUFFS
CENTRAL
SCOTLANDVILLE
(Scotland Sta)
75TH AVE
SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

FIGURE 1



X Soil Sampling Location (proposed)

1161 Tank

1 Photograph

DW-1 Drinking Water Well

MARYLAND TANK FARM

Haszit#LA03263

FIGURE 2

Exxon-Maryland Tank Farm
LA 03263

tographer / Witness
Thomas Myers / Bharat Patel

e / Time / Direction
7/11/84, 11:10 am, West

ments: Lead Weathering Area

ographer / Witness
Thomas Myers / Bharat Patel

/ Time / Direction
7/11/84, 11:12 am, North

ents: Lead Weathering Area

ographer / Witness
Thomas Myers / Bharat Patel

/ Time / Direction
7/11/84, 11:25 am, East

ents: Separator Sludge Spreading Area