8306-37

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

EPA

REGION	SITE NUMBER (to be assigned by Hq)
6	TX 9342

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (*Preliminary Assessment*). File this form in the Regional Hazardous Waste Log File and submit a copy 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

TXD 087612321

A. SITE NAME: Velsicol Chemical Corp.

B. STREET (or other identifier): 10201 Bay Area Blvd.

C. CITY: Pasadena

D. STATE: TX

E. ZIP CODE: 77507

F. COUNTY NAME: Harris

G. OWNER/OPERATOR (if known)
1. NAME: Mr. Howard Baker - Environmental Coordinator
Mr. Donald F. Freund - Plant Mgr.
2. TELEPHONE NUMBER: 713/474-2861

H. TYPE OF OWNERSHIP
☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION
Manufacturer of Agricultural Insecticides

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)
EPA Publication 600/2-80-197: "Dioxins"; and
CERCLA TXS 1563

K. DATE IDENTIFIED (mo., day, & yr.): 4/12/82

L. PRINCIPAL STATE CONTACT
1. NAME: Suzan Ripley - TDWR District 7
2. TELEPHONE NUMBER: 713/479-5981

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM
☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☒ 5. UNKNOWN

B. RECOMMENDATION
☐ 1. NO ACTION NEEDED (*no hazard*)
☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:
☒ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY: FIT
☐ 4. SITE INSPECTION NEEDED (*low priority*)

SUPERFUND FILE
JUL 24 1992
REORGANIZED

C. PREPARER INFORMATION
1. NAME: Mark Riforgiat - FIT
2. TELEPHONE NUMBER: 214/742-6601
3. DATE (mo., day, & yr.): 7/26/83

REVIEWED BY ORAEGH DATE 3/23/84

III. 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.*)
☐ 2. INACTIVE (*Those sites which no longer receive wastes.*)
☐ 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 ☒ 2. YES (*specify generator's four-digit SIC Code*): 2879

C. AREA OF SITE (*in acres*): Plant ~ 23

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES
1. LATITUDE (deg.-min.-sec.): 29°37'30" N
2. LONGITUDE (deg.-min.-sec.): 95°02'30" W

E. ARE THERE BUILDINGS ON THE SITE?
☐ 1. NO ☒ 2. YES (specify): Office building, warehouses, plant, etc.

T2070-2 (10-79)

Continue On Reverse

9322909

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IV. 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	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE	X	3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
X	4. TRUCK	X	4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
X	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):
				X	9. OTHER (specify): pH control in Neutralization basin		capped surface impoundment

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Were provided blueprint of facility. Map and proposed sampling plan attached.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. UNKNOWN [X] 2. LIQUID [X] 3. SOLID [ ] 4. SLUDGE [ ] 5. GAS

B. WASTE CHARACTERISTICS

[ ] 1. UNKNOWN [ ] 2. CORROSIVE [ ] 3. IGNITABLE [ ] 4. RADIOACTIVE [ ] 5. HIGHLY VOLATILE
[X] 6. TOXIC [ ] 7. REACTIVE [ ] 8. INERT [X] 9. FLAMMABLE

[ ] 10. OTHER (specify):

C. WASTE CATEGORIES

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

Yes, shipping manifest

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: None	AMOUNT: None	AMOUNT: None	AMOUNT: Unknown	AMOUNT: None	AMOUNT: None
UNIT OF MEASURE:	UNIT OF MEASURE:	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	(2) OTHER (specify):	(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			X (4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(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):		

Continue On Page 3

Continued From Page 2

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Toluene
Dioxin (2,3,7,8-TCDD)

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Hazardous wastes stored in 55 gal drums (<1-55 gal drum/mo. generated) within a warehouse designed to accomodate hazardous wastes and process chemicals and contain them in the event of a spill. Access limited to authorized personnel. Liquid wastes (See attachment A)

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):	X			On-site dioxin contamination potential unknown.

 Continue On Reverse

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- [ ] 1. NPDES PERMIT
- [ ] 2. SPCC PLAN
- [X] 3. STATE PERMIT (specify): Solid Waste Regist. # 30298
- [X] 4. AIR PERMITS
- [ ] 5. LOCAL PERMIT
- [ ] 6. RCRA TRANSPORTER
- [ ] 7. RCRA STORER
- [ ] 8. RCRA TREATER
- [ ] 9. RCRA DISPOSER
- [ ] 10. OTHER (specify): TACB # R3925, R4842

B. IN COMPLIANCE?

- [X] 1. YES
- [ ] 2. NO
- [ ] 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): RCRA, CERCLA

VIII. PAST REGULATORY ACTIONS

- [ ] A. NONE
- [X] B. YES (summarize below)

Federal Lawsuit Docket #VI-R 309-78-25, CA # 79-446 Lawsuit settled

IX. INSPECTION ACTIVITY (past or on-going)

- [ ] A. NONE
- [X] B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Compliance Monitoring	3/23/82	TDWR	RCRA Inspection
Reconnaissance Inspection	7/7/83	FIT	CERCLA

X. REMEDIAL ACTIVITY (past or on-going)

- [X] A. NONE
- [ ] B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-2.

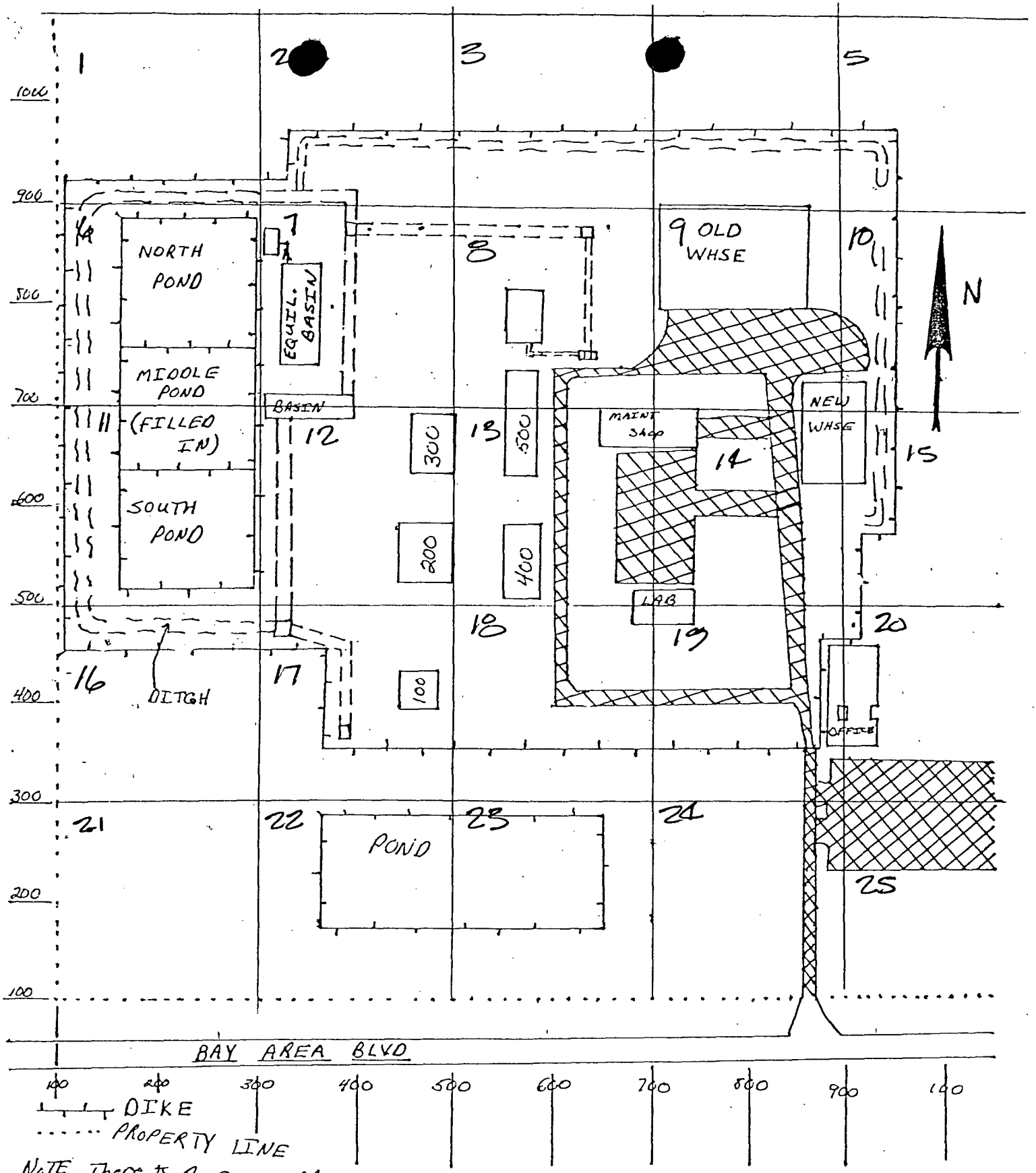
Corresponding number on form	Additional Remark and/or Explanation
V. 4.	which are classified as non-hazardous are treated for pH control in a neutralization basin prior to shipment via pipeline to the Gulf Coast Waste Disposal Authority.

PROPOSED SAMPLING PLAN

All samples will be 8-point composites; one sample per grid block shown. Aliquots (8) for each sample will be uniformerly distributed throughout the grid. Most samples taken will be surface soil from depths of 0-6". Compositing will be done by mixing the sample aliquots in a stainless steel pan with stainless steel spoons.

TOTAL SAMPLES

Onsite/field samples	25
QA/QC duplicates	3
Blanks	2
Offsite background samples (1 ea. from N, S, E & W polar directions approx. ½-1 mile from site boundary)	4
TOTAL	34



NOTE There is A FENCE AROUND THE SITE

EACH GRID ≅ 1 acre

DRIVE WAYS

VELSICOL CHEMICAL CORP.
PASADENA, TX

Photographs dated 7/7/83 from
Site ID and PA of 7/26/83

Photographer / Witness

T. WALZER / M. RIFORGIAT

Date / Time / Direction

7-7-83 / 1034 / NE

Comments:

SOUTH SIDE OF PLANT

FROM SW CORNER.

Photographer / Witness

T. WALZER / M. RIFORGIAT

Date / Time / Direction

7-7-83 / 1037 / ~~NW~~ - NE-E-SE

Comments:

WEST SIDE OF PLANT FROM EAST SIDE OF SOUTH SURGE POND.

Photographer / Witness

T. WALZER / M. RIFORGIAT

Date / Time / Direction

7-7-83 / 1055 / W-NW

Comments:

East portion of plant taken north of main office bldg.

Photographer / Witness

T. WALZER / M. RIFORGIAT

Date / Time / Direction

7-7-83 / 1055 / NW

Comments: "Islands" of unpaved portions of plant. Taken north of office bldg.

Photographer / Witness

T. WALZER / M. RIFORGIAT

Date / Time / Direction

7-7-83 / 1047 / N

Comments: Hazardous waste storage area in new warehouse designed to contain hazardous materials (wastes and precursers for process)

Photographer / Witness

Date / Time / Direction

Comments:

Photographs dated 8/5/82 from Site ID and PA of 8/27/82

VELSICOL CHEMICAL CORPN.
PASADENA, TEXAS

#1

Photographer / Witness

AL NEWTON / HILLOL RAY

Date / Time / Direction

8-5-82 / 2:02 PM / EAST

Comments: PANORAMA OF THE CLEAN WATER STORAGE POND (FOR FIRE FIGHTING) AND PROCESS AREA

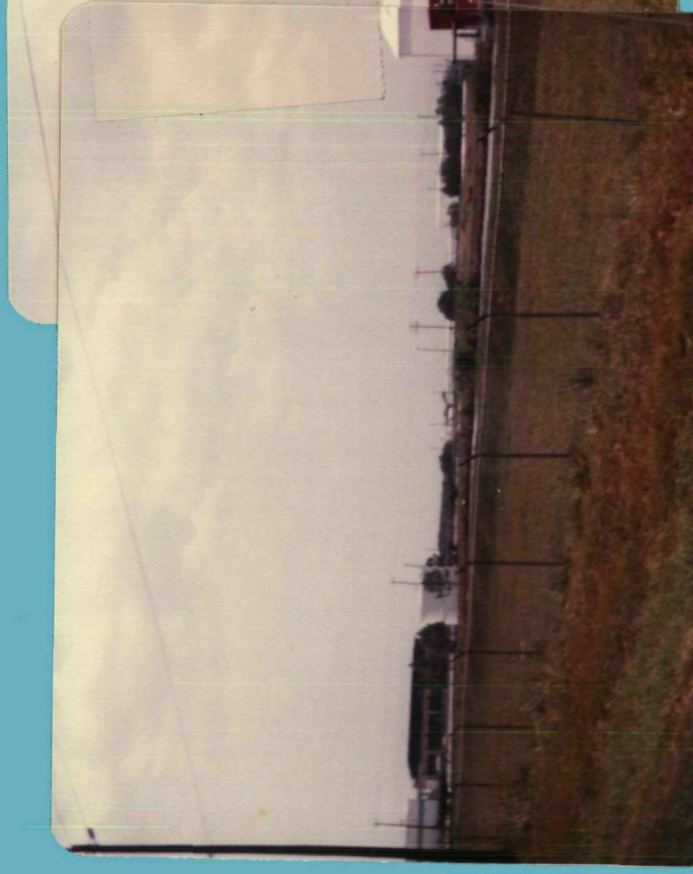
#2

Photographer / Witness

Date / Time / Direction

Comments:

NOT USED



#3

Photographer / Witness

Date / Time / Direction

Comments:

NOT USED

VELSICOL CHEMICAL CORPN.
PASADENA, TEXAS

#4

Photographer / Witness

AL NEWTON/HILLOL RAY

Date / Time / Direction

8-5-82/2:06 PM/EAST

Comments: CONCRETE COVERED/CAPPED PIT

Photographer / Witness

Date / Time / Direction

Comments:

NOT USED

Photographer / Witness

Date / Time / Direction

Comments:

NOT USED