8206-2

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION	SITE NUMBER (to be assigned by HQ)
6	OK4359

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

OKD980698229

A. SITE NAME	B. STREET (or other identifier)		
MIDLAND GLASS CO., INC. (Formerly PPG Industries)	Bollinger Road near State Hwy. 75		
C. CITY	**D. STATE**	**E. ZIP CODE**	**F. COUNTY NAME**
Henryetta	OK	74437	Okmulgee

G. SITE OPERATOR INFORMATION

1. NAME	2. TELEPHONE NUMBER
Midland Glass Co., Inc.	(918)652-9631

3. STREET	4. CITY	5. STATE	6. ZIP CODE
P. O. Box 908	Henryetta	OK	74437

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

1. NAME	2. TELEPHONE NUMBER
Same	

3. CITY	4. STATE	5. ZIP CODE

I. SITE DESCRIPTION The site is a glass plant formerly owned by PPG Industries. 15-18 drums containing arsenic pentoxide (used in the formulation of window glass) were

See Attachment "A"

J. TYPE OF OWNERSHIP

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

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.)
Jairo Guevara	(214)742-4521	Aug. 27, 1982

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME	2. TITLE
Jairo Guevara	FIT Chemical Engineer

3. ORGANIZATION	4. TELEPHONE NO. (area code & no.)
Ecology and Environment, Inc., 1509 Main St. Dallas, TX 75201	(214)742-4521

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Jim Trusley	Ecology and Environment, Inc.	(214)742-4521

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

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Duane Stephens	Plant Manager (918)652-9631	Midland Glass Co., Inc. P.O. Box 908 Henryetta, OK 74437
James H. Elliot	Manager Env. Affairs (412)434-4147	PPG Industries, Inc., 1 Gateway Center, Pittsburgh, PA 15222

SUPERFUND FILE
OCT 02 1992
REORGANIZED

9458789

DATE 11/10/82

Continued From Front

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (source of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
PPG Industries (Henryetta Plant)	(412)434-4147	Gateway Center Pittsburgh, PA 15222	Arsenic Pentoxide

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Wastes were buried on site.			

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
N/A		

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
8/5/82	2:15 p.m.	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER (describe)

Clear, 95°

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)	X	NO SAMPLES WERE TAKEN DURING THE FIT INSPECTION.	

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: EPA, Region VI (See attachments)

D. SITE MAPPED?

[ ] YES. SPECIFY LOCATION OF MAPS: See attached area map.

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 36°26'41" N
2. LONGITUDE (deg.-min.-sec.): 95°58'12" W

V. SITE INFORMATION

A. SITE STATUS

[X] 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?

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

The generator of the waste buried on the site was the former owner (PPG Industries).

C. AREA OF SITE (in acres): 1/250

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify): Offices, production and maintenance buildings.

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	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	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	X	8. OTHER (specify): Drums buried below ground.
					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 for..

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

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

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

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

B. WASTE CHARACTERISTICS

[ ] 1. CORROSIVE [ ] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[X] 5. TOXIC [ ] 6. REACTIVE [ ] 7. INERT [ ] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

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

No

 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 None	AMOUNT None	AMOUNT None	AMOUNT Unknown	AMOUNT Unknown	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			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	X (6) OTHER (specify): Paper and old telephone equipment.	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			X (11) OTHER (specify): Arsenic Pentoxide		

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			
Arsenic Pentoxide	X							1303-28-2	No more than 126 ft^3	

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

Potential contamination of groundwater exists due to the potential corrosion of drums and to the solubility of arsenic pentoxide in 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

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☐ S. INCOMPATIBLE WASTES

Continue On Reverse

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

☒ U. OTHER (specify):

No further inspections are recommended on this site based on:

1. The disposal of the 15-18 barrels occurred prior to 1955.

2. There are no drinking water wells in the area.

3. The site is located in a secured industrial plant area.

It is recommended that a sign describing the material buried, the area and the depth of the excavation be posted on the site.

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	1000	1000	300	½ Mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	600	600	10	½ Mile
3. IN PUBLICLY TRAVELLED AREAS	10000	10000	0	½ Mile
4. PUBLIC USE AREAS (parks, schools, etc.)	500	500	2	½ Mile

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
25 ft.	Easterly	None
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
Less than 5 GPM *Calvin Sandstone Aquifer	3 Miles	SE

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS*

☒ 2. COMMUNITY (specify town): > 15 CONNECTIONS Henryetta, OK

☒ 3. SURFACE WATER

☐ 4. WELL

Continue On Page 9

*OGS 1969 HA-1

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

F. 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')
None				

G. RECEIVING WATER

1. NAME Wolf Creek (from Coal Creek)

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

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Basin 5 - North Canadian River.
Public and private water supply, fish and wild life propagation, agricultural, industrial and municipal cooling water, primary and secondary recreation and aesthetics.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☒ 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)
X	1. SAND	X	Shale unit of Calvin Sandstone		
X	2. CLAY	X			
	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: 1%

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

J. OTHER GEOLOGICAL DATA

The site is located in the down thrown side of north-south trending fault in the Calvin Sandstone.

 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
(CERCLA notification of Hazardous OKS-000-001-025 of June 9, 1981)							

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☐ 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.

LANDFILLS SITE INSPECTION REPORT
(Supplemental Report)

INSTRUCTION
Answer and Explain as Necessary.

1. EVIDENCE OF SITE INSTABILITY *(Erosion, Settling, Sink Holes, etc)*
[ ] YES [X] NO

2. EVIDENCE OF IMPROPER DISPOSAL OF BULK LIQUIDS, SEMI-SOLIDS AND SLUDGES INTO THE LANDFILL
[ ] YES [X] NO

3. CHECK RECORDS OF CELL LOCATION AND CONTENTS AND BENCHMARK
[ ] YES [X] NO No records are available.

4. WASTES SURROUNDED BY SORBENT MATERIAL
[ ] YES [X] NO

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED
[ ] YES [ ] NO N/A.Location is a burial site.

6. EVIDENCE OF PONDING OF WATER ON SITE
[ ] YES [X] NO

7. EVIDENCE OF IMPROPER/INADEQUATE DRAINING
[ ] YES [X] NO

8. ADEQUATE LEACHATE COLLECTION SYSTEM *(If "Yes", specify Type)*
[ ] YES [ ] NO N/A

8a. SURFACE LEACHATE SPRING
[ ] YES [X] NO

9. RECORDS OF LEACHATE ANALYSIS
[ ] YES [ ] NO N/A

10. GAS MONITORING
[ ] YES [X] NO

11. GROUNDWATER MONITORING WELLS
[ ] YES [X] NO

12. ARTIFICIAL MEMBRANE LINER INSTALLED
[ ] YES [X] NO

13. SPECIFIC CONTAINMENT MEASURES *(Clay Bottom, Sides, etc)*
[ ] YES [X] NO

14. FIXATION *(Stabilization)* OF WASTE
[ ] YES [X] NO

15. ADEQUATE CLOSURE OF INACTIVE PORTION OF FACILITY
[X] YES [ ] NO

16. COVER*(Type)*

Local Soil

16a. THICKNESS

4 - 5 Feet

16b. PERMEABILITY

Moderate

16c. DAILY APPLICATION
[ ] YES [X] NO

ATTACHMENT A

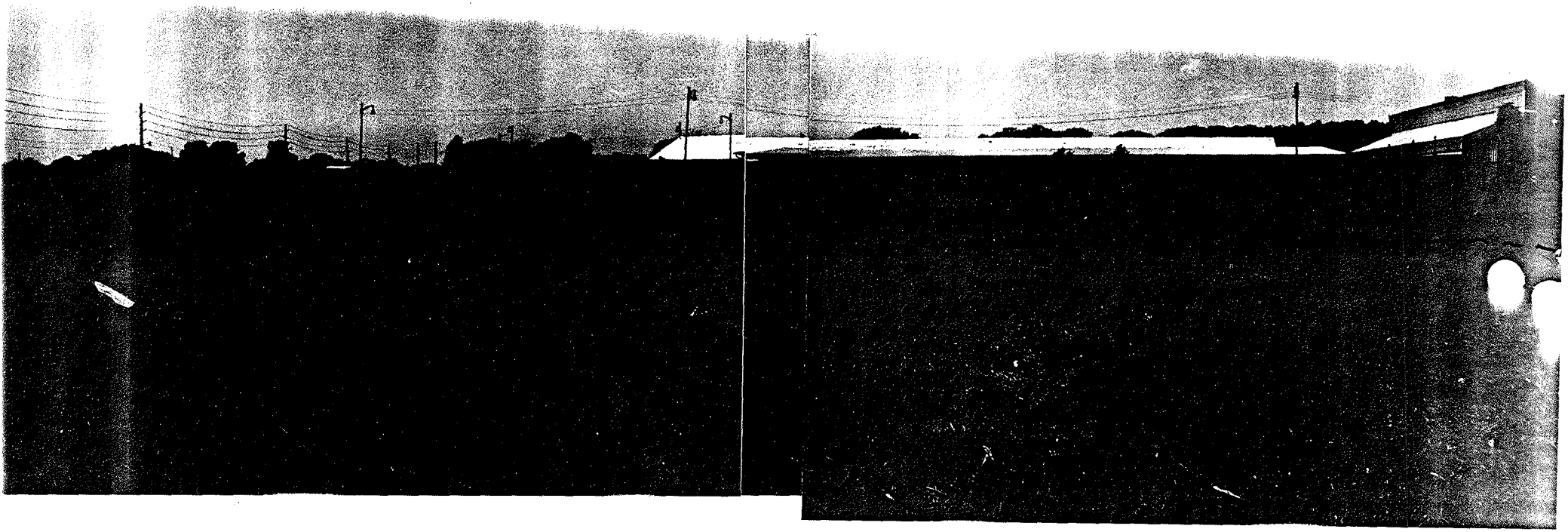
POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

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

MIDLAND GLASS CO., INC.

Corresponding number on form	Additional Remark and/or Explanation
I, i	buried (20 ft. deep) in an area (180 sq. ft.) south of the machine shop (photo # 1). Old plant records and telephone equipment were also buried in the same excavation site in an incident which occurred prior to 1955.

ATTACHMENT B



Photographer / Witness

J. GOCDARA / J. TRUSKY

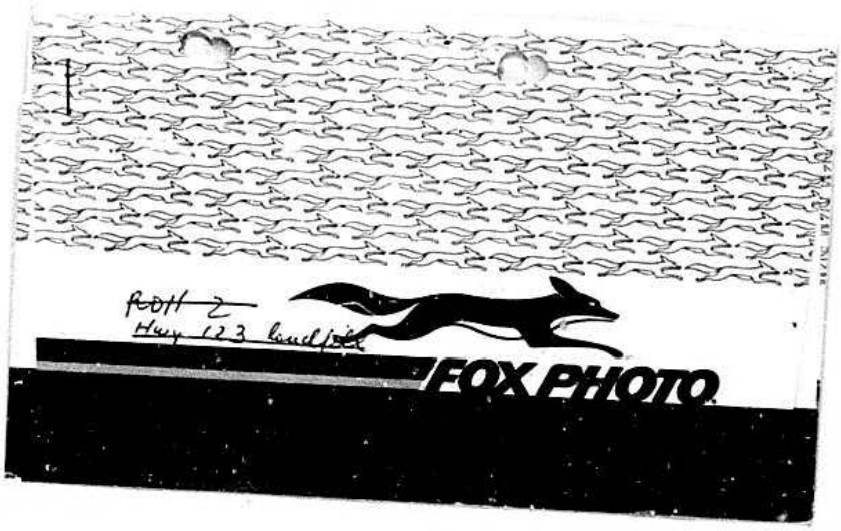
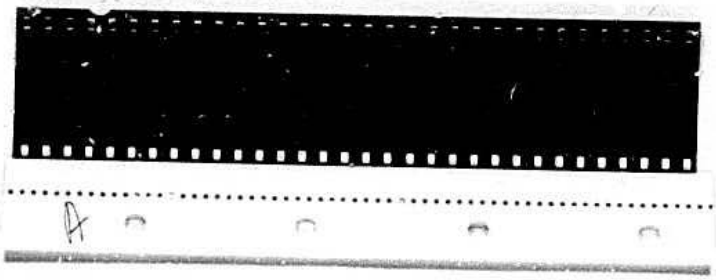
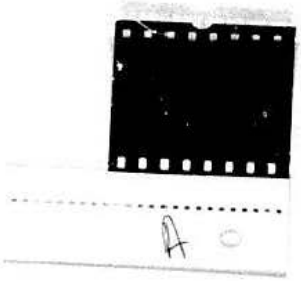
Date / Time / Direction

8/5/82 1510 Sw to NW

Comments:

PANORAMIC VIEW OF SAND WHERE BARRELS OF ARSENIC PENTOXIDE WERE BURIED

IF THE PAGE FILMED IS NOT
AS LEGIBLE AS THIS LABEL,
IT IS DUE TO THE QUALITY
OF THE ORIGINAL.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