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International Specialists in the Environmental Sciences

US EPA RECORDS CENTER REGION 5

432235

DATE: June 2, 1983

TO: File/USEPA Region V

FROM: Kenneth Krueger

SUBJECT: Preliminary Assessment
Ohio/TDD#R5-8212-05A (PAG #328)
Chagrin Falls/Fram Property Dump (The Mogul Corporation)
OHD980611065

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

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

1. Ohio Environmental Protection Agency files, NEDO, Twinsburg
2. Erris files - U. S. Environmental Protection Agency, Region V, Chicago
3. Conversation with Gary Gifford - Ohio EPA (NEDO)

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

1. Diana Wilbur - Environmental Regulatory Affairs, 216/247-5000-Extension 460
2. Mr. Herb Davidson, Manager - Mogul Corporation
3. Forrest Fram - 399 Walters Road - 216/247-7964

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

1. *SEE ATTACHED*
2.
3.

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

1. Surface and groundwater
2. Drinking water
3. Flora and fauna
4. Soils
5.

Suggested methods/sources for obtaining additonal information are:

1. On and off site inspection (Biological Assessment)
2. John Barone, Jr. - Ohio EPA (Division of Surveillance), Twinsburg, Ohio - Northeast District Office
3. Terry Welch - Game Protector - Ohio DNR (Columbus)

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

recycled paper

1. Verification if Forrest Fram (above) is connected to site in any way.

2. Exact location and directions to site

3. Waste quantities and verification of real hazard.

4. Waste containment.

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
OH	D980611065

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
FRAM PROPERTY DUMP	7185 CHAGRIN ROAD

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
CHAGRIN FALLS	OH	44022	GEAUGA	055	22

09 COORDINATES LATITUDE	LONGITUDE	
41°25'15.0"	081°23'20.0"	CHAGRIN FALLS QUADRANGLE

10 DIRECTIONS TO SITE (Starting from nearest public road)

FROM INT. 271 GO EAST ON STATE RT. 87 TO CHAGRIN BLVD. TAKE CHAGRIN BLVD. EAST TO CHAGRIN RD. GO SOUTHEAST ON CHAGRIN RD. TO SITE.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
THE MOGUL CORP.	PO BOX 200

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
CHAGRIN FALLS	OH	44022	(216) 247-5000

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)
W.T. SULLIVAN, THE MOGUL CORP.	P.O. BOX 200

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
CHAGRIN FALLS	OH	44022	(216) 247-5000

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: / / (MONTH DAY YEAR) ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED 6/10/81 (MONTH DAY YEAR) ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES DATE 9/2/71 (MONTH DAY YEAR)
☐ NO

BY (Check all that apply)

☐ A. EPA ☐ B. EPA CONTRACTOR ☒ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: DNR - TERRY WELCH (Specify)

CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)

☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION

1950 (BEGINNING YEAR) | 1962 (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

NONCOMBUSTIBLES SUCH AS DAMAGED DRUMS + POSSIBLY OFF-SPECIFICATION RAW MATERIALS + PRODUCTS WHICH COULD NOT BE RE-WORKED.
DETERGENTS + OTHER ORGANICS (TOXIC/PERSISTENT)
PESTICIDES + INORGANICS (TOXIC/PERSISTENT) ← THESE ARE QUESTIONABLE

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

SURFACE WATER (ENVIRONMENT + POPULATION)
GROUNDWATER (ENVIRONMENT + POPULATION)

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 the 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
GARY GIFFORD	OHIO EPA - NEDO (TWINSBURG)	(216) 425-9171

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

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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
OH	D980611065

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

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

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

TONS _____

CUBIC YARDS _____

NO OF DRUMS UK

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	UK	DR	
OCC	OTHER ORGANIC CHEMICALS	UK	DR	
IOC	INORGANIC CHEMICALS	UK	DR	
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

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)

OHIO EPA FILES - NEDO (TWINSBURG)
ERRIS FILES - USEPA (REG. V) CHICAGO

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
OH	D980611065

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: >1000 — 04 NARRATIVE DESCRIPTION

AREA OF VARIED TO STEEPER TOPOGRAPHY. BEDROCK EXPOSED IN SOME PLACES. SOILS ARE SOMEWHAT PERMEABLE. THEY RANGE FROM GLACIAL TILL TO CLAY, SAND AND GRAVEL DEPOSITS. WELLS IN AREA COULD BE EFFECTED.

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: >1000 — 04 NARRATIVE DESCRIPTION

POSSIBLE CONTAMINATION TO UNNAMED TRIBUTARY OF THE AURORA BRANCH WHICH LEADS INTO THE CHAGRIN RIVER.

01 [ ] C. CONTAMINATION OF AIR — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

01 [ ] D. FIRE/EXPLOSIVE CONDITIONS — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

01 [ ] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

01 [X] F. CONTAMINATION OF SOIL — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 AREA POTENTIALLY AFFECTED: ~1 (Acres) — 04 NARRATIVE DESCRIPTION

DEPENDS ON HOW MUCH RUNOFF OR LEACHATE IF ANY FROM SITE. (SEE A.)

01 [X] G. DRINKING WATER CONTAMINATION — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: >1000 — 04 NARRATIVE DESCRIPTION

SOURCE IS GROUNDWATER - 11 WELLS SERVICE CHAGRIN FALLS.
WATER PLANT # (216) 247-5050
(CONTAMINATION POSSIBLE - SEE A.)

01 [ ] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

01 [X] I. POPULATION EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: >1000 — 04 NARRATIVE DESCRIPTION

POSSIBLE EXPOSURE THRU GROUND AND SURFACE WATER.

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
OH	D980611065

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☒ DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
POSSIBLE EFFECTS TO TERRESTRIAL AND AQUATIC VEGETATION OF UNNAMED TRIBUTARY LEADING TO THE AURORA BRANCH.

01 ☒ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*
DURING INVESTIGATION BY OHIO DNR (9/2/71) THERE WAS NO AQUATIC LIFE OBSERVED BELOW THE OUTFALL DITCH AT THE CONFLUX OF THE AURORA BRANCH & UNNAMED TRIBUTARY. HOWEVER CRAYFISH & MINNOWS WERE NOTED ABOVE IT.

01 ☒ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
(SEE J. AND K. ABOVE)

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES *(Spills runoff standing liquids leaking drums)* — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: < 100 — 04 NARRATIVE DESCRIPTION
(SEE F. CONTAMINATION OF SOIL)

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE _____) — ☒ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
MOGUL AND ITS SUBSIDARARY, GENERAL BIOCHEMICAL DIVISION ADMITTED THAT THEIR SEPTIC SYSTEM WAS INADEQUATE AS OF (1971). A PERMIT FOR DUMPING INTO SEWER LINE WAS APPLIED FOR TO THE EPA. (SEE P.)

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION
CHAGRIN FALLS HAD PROMISED TO INSTALL SEWERS FOR THE COMPANY BUT NONE HAD BEEN BUILT AS OF 1971.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
GENERAL BIOCHEMICAL PRODUCES CONTROLLED DIETS FOR LABROTORY ANIMALS & THEIR PRIMARY WASTE IS FROM THE FOOD PROCESSING. MOGUL CORP. PRODUCES CHEMICALS FOR WATER TREATMENT.

III. TOTAL POPULATION POTENTIALLY AFFECTED: >1000

IV. COMMENTS
THERE IS NOT MUCH INFORMATION (CURRENT) AVAILABLE ON THIS SITE. SOME OF THE INFORMATION GIVEN MAY BE INACCURATE. GARY GIFFORD OF OHIO EPA RECOMMENDS A FIT SITE INSPECTION.
BIOLOGICAL ASSESSMENT DOWNSTREAM FROM SITE WOULD BE USEFUL.

V. SOURCES OF INFORMATION *(Cite specific references e.g., state files, sample analysis, reports)*
SAME AS PART 2. SEC. VI