EPA

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

I. IDENTIFICATION
01 STATE: IN
02 SITE NUMBER: D077005916

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site): Gary Development Co. Inc
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: Cline and Gary Ave. East of cline North of River
03 CITY: Gary
04 STATE: IN
05 ZIP CODE: 46406
06 COUNTY: Lake
07 COUNTY CODE: 89
08 CONG DIST: 1
09 COORDINATES LATITUDE: 41° 36' 15".0 N. LONGITUDE: 087° 25' 30".0 W.
Highland Quad. T.36 N. R.9W Section 35 NESW
10 DIRECTIONS TO SITE (Starting from nearest public road): Take 90 94 west to cline ave. Take cline Ave North approximately 4 miles, site will be on west side

III. RESPONSIBLE PARTIES

01 OWNER (If known): Gary Development
02 STREET (Business, mailing, residential): P.O. Box 6056 499 N. Cline Avenue
03 CITY: Gary
04 STATE: Ind
05 ZIP CODE: 46406
06 TELEPHONE NUMBER: (219) 944-7858
07 OPERATOR (If known and different from owner): Lawrence H. Hagen, Vice-President General Manager
08 STREET (Business, mailing, residential): same
09 CITY: same
10 STATE:
11 ZIP CODE:
12 TELEPHONE NUMBER: (312) 758-7211 home
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: None (Month Day Year) ■ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 06/05/81 (Month Day Year) ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION: ■ YES DATE: 10/9/75 1st (Month Day Year) ☐ NO
4/6/83 Last
BY (Check all that apply): ■ A. EPA ☐ B. EPA CONTRACTOR ■ C. STATE ☐ D. OTHER CONTRACTOR ☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: (Specify)
CONTRACTOR NAME(S):
02 SITE STATUS (Check one): ■ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN
03 YEARS OF OPERATION: 1976 (Beginning year) 1981 (Ending year) ☐ UNKNOWN
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED:
organics (persistant/ignitable) inorganics (soluble/corrosive/volatile) solvents (ignitable/volatile) flammable
heavy metals (toxic/persistant) sludges (toxic/persistant) oily wastes (soluble/flammable)
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
percolate into groundwater (population/environment)
spill into surface wate (population/environment)
fire (population/environment)

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 time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT: Bruce Palin
02 OF (Agency/Organization): Indiana State Board of Health Indianapolis
03 TELEPHONE NUMBER: (317) 633-0203
04 PERSON RESPONSIBLE FOR ASSESSMENT:
05 AGENCY:
06 ORGANIZATION:
07 TELEPHONE NUMBER: ( )
08 DATE: / / (Month Day Year)

EPA FORM 2070-12 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D007009916

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [x] A. SOLID
- [x] 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)

TONS _____
CUBIC YARDS 97,680
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- [x] A. TOXIC
- [x] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [x] D. PERSISTENT
- [x] E. SOLUBLE
- [ ] F. INFECTIOUS
- [x] G. FLAMMABLE
- [x] H. IGNITABLE
- [x] 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	unk		oil sludge sludges lime, paint and activated biological
OLW	OILY WASTE	1,200	gallons/day	
SOL	SOLVENTS	unk		*see attached Sheets
PSD	PESTICIDES	120	Cu. yds.	Herbicide
OCC	OTHER ORGANIC CHEMICALS	unk		
IOC	INORGANIC CHEMICALS	unk		Asbestos, flyash
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	unk	Aluminum Dross (Milling dust and slag)	

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)

Indiana State Board of Health files + inspection reports at the Division of Land Pollution Control, Indianapolis
U.S. EPA Ertis file, Region V, Chicago

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

I. IDENTIFICATION
01 STATE: IN
02 SITE NUMBER: D007005916

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ■ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Aquatic Flora could be contaminated by waste discharged to the Grand Calumet River

01 ■ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ■ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
Birds such as. seagulls, migratory ducks, pheasants have been sighted on the site. They could be harmed by waste on the site due to waste in water and lack of proper cover on solid, dry wastes. Item J above applies to the Rivers aquatic fauna as well.

01 ■ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ■ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Some of the material present can bioaccumulate in Fish present in the Grand Calumet River and Birds visiting the site

01 ■ M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) — 02 ■ OBSERVED (DATE: 5/12/76) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 5,000
04 NARRATIVE DESCRIPTION 8/26/76 4/7/78
leachate discharged into the Grand Calumet River. Flyash and sludge were used as cover materials. They are inadequate for cover.
Site is geologically unsuitable for disposal due to high groundwater level & permeable soils.

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

01 ■ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ■ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION 5/12/76, 8/26/76, 4/7/78
Discharged contaminated water into Grand Calumet River without an NPDES permit. accepted unauthorized wastes 1/22/76, 7/14/76, 10/5/76. Operating landfill without a valid SPC 18 operating permit 1977-78
Operator never obtained DNR permit for Floodplain alteration

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
Heath hazard caused by rats infesting the fill observed 2/25/81. Groundwater level at site is kept in check by pumping; when dewatering activities stop the fill area will be flooded again by groundwater returning to its "natural" level.

III. TOTAL POPULATION POTENTIALLY AFFECTED: ≥5000 est.

IV. COMMENTS
The site has had problems with adequate cover, they have been observed using sand as a cover. There is a lot of water in pit. The leachate collection system called for in plans was never built, but main fill area has an underfill drainage system consisting of perforated plastic pipe. Northeast part of site has no underfill drainage, as a result leachate is bad.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
Indiana State Board of Health files + inspection reports at Division of Land Pollution Control, Indianapolis

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