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ENVIRONMENTAL PROTECTION AGENCY
STATE OF ILLINOIS

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D005935648

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
LAKE COUNTY GRADING LANDFILL	RT. 21 and RT 120

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
LIBERTYVILLE	IL	60048	LAKE	097	12

09 COORDINATES LATITUDE	LONGITUDE	
42 18 45.0	87 57 30.0	LIBERTYVILLE QUAD MAP

10 DIRECTIONS TO SITE (Starting from nearest public road)
INTERSTATE 94 to RT. 120, WEST ON RT. 120 to RT. 21 (Milwaukee Rd) S.E. CORNER OF RT. 120 AND RT. 21

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
John Long + Don VANDERSPOOL	P. O. Box 426

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
LIBERTYVILLE	IL	60048	( )

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)
Tom ROSENQUIST	P. O. Box L

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
LIBERTYVILLE	IL	60048	(312) 362-2590

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: __/__/__ (MONTH DAY YEAR) ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES DATE 9 / 3 / 71 1st (MONTH DAY YEAR)
☐ NO
11 / 15 / 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
1971 (BEGINNING YEAR) | Present (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Inorganics (Toxic/Reactive)
Acids-Bases (Corrosive)
Heavy Metals (Toxic/Persistant)
Sludge (Toxic)
Organics (Toxic/Flammable)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Groundwater (Population/Environment)
Surface Water (Population/Environment)

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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	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
BRAD Benning	IEPA Files	(312) 345-9780

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
BRAD BENNING	IEPA		(312) 345-9780	11 / 30 / 83 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA Region 5 Records Ctr.
353956

EPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D005935648

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 700
NO OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- [x] A. TOXIC
- [x] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [x] D. PERSISTENT
- [ ] E. SOLUBLE
- [ ] F. INFECTIOUS
- [x] G. FLAMMABLE
- [ ] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [ ] J. EXPLOSIVE
- [x] 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	CY	Al. Dross - Johnson Motors
OLW	OILY WASTE	UNK	CY	(Residual material left
SOL	SOLVENTS	UNK	CY	in drums and bags
PSD	PESTICIDES			which were disposed of
OCC	OTHER ORGANIC CHEMICALS	UNK	CY	at the landfill.)
IOC	INORGANIC CHEMICALS	~700	CY	Plastic Chips Contam. w/Cyanide
ACD	ACIDS	UNK	CY	Residue from product
BAS	BASES	UNK	CY	containers
MES	HEAVY METALS	UNK	CY	

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)

IEPA FILES - MAYWOOD

EPA FORM 2070-12 (7-81)

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D005935648

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: >5000
02 ☒ OBSERVED (DATE: 7-15-82) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Monitor Wells installed to 50 feet, numerous parameters above recommended guidelines. (6104, 6105, 6106)

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: >5000
02 ☒ OBSERVED (DATE: 8-8-73) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION 11-15-77 3-21-79

Leachate ponded on-site pumped into Des Plaines River. River not utilized as a drinking water source.

01 ☒ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: >10,000
02 ☒ OBSERVED (DATE: 1977-1981) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Numerous odor complaints by local residents

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

01 ☒ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: ~500
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Site is accessable to the public, fencing is primarily 3-strand barbed wire.

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: 56 (Acres)
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Contamination of soil within site.

01 ☒ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: >5000
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Potential for contamination of private shallow wells

01 ☒ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: < 10
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Potential exposure for equipment operator and truck drivers.

01 ☒ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: >10,000
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Population exposure from groundwater, surface water, and odors

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I. IDENTIFICATION

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II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☒ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Possible leachate seeps, and leachate entering Des Plaines River.

01 ☒ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*
Potential due to contamination of Des Plaines River

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES *(Spills, runoff, standing liquids, leaking drums)* — 02 ☒ OBSERVED (DATE: 1976-1982) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: >10,000 — 04 NARRATIVE DESCRIPTION
Potential for exposed waste, due to inadequate cover

01 ☒ N. DAMAGE TO OFFSITE PROPERTY — 02 ☒ OBSERVED (DATE: See B) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
leachate leaving property.

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 July 1980
04 NARRATIVE DESCRIPTION
Reports of after hours dumping.
Night surveillance on 7-23-80, nothing observed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: >10,000

IV. COMMENTS

Permitted to accept Demolition waste, paper, landscape debri, excluding all hazardous and special wastes. Permitted to accept bottom ash for use in covering.

V. SOURCES OF INFORMATION *(Cite specific references, e.g. state files, sample analysis, reports)*

IEPA FILES

EPA FORM 2070-12 (7-81)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

3012
MEMORANDUM

TO: Division File Preliminary Assessment DATE: 11-30-83

FROM: Brad Benning ILD005935648

☒ Information only

☐ Response requested

SUBJECT: 09709001 - Lake Co. - Libertyville/Lake Co. Grading

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Facility is an old gravel pit approximately 56 acres in size, and adjacent to the Des Plaines River. The site was issued an Operating Permit from the IEPA on April 24, 1972, to landfill only Demolition debri and landscape waste, excluding all putrescible waste. Subsequent supplemental permits issued in 1975 and 1982, allowed 200cy of cardboard and paper per week, than up to 1000cy per day. Agency inspections conducted at the facility indicated continuing operational problems relating to the following, 1) inadequate intermediate and daily cover, 2) monitoring and controlling leachate, 3) accepting unpermitted wastes, 4) discharging leachate to surface waters, 5) emission of objectionable odors. The Agency filed a case before the Pollution Control Board to bring the site into compliance, a settlement was reached on 10-6-82, but was rejected by the Board, pending additional information. Current violations at the site are primarily for inadequate cover, litter and unpermitted waste. The unpermitted waste have been identified as putrescible garbage and empty product containers, consisting of drums, pails,

IL 532-0571
EPA 90A 6/75

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

3012
MEMORANDUM

TO: Division File DATE: 11-30-83

FROM: Brent Benning ILD005935648 ☒ Information only

SUBJECT: 09709001 Lake Co Libertyville/Lake Co Grading ☐ Response requested

cans, and bags. Full containers were never observed in the fill, although most of the containers retained some residue. The only known volume of potentially hazardous material accepted, was approximately 700 cu yds of plastic chips, taken in between July 1982 and January 1983. Information from a separate investigation indicated the chips may be contaminated with cyanide. Lab results from a sample collected at the site revealed a level of ~60ppm. The County Health Dept. is presently monitoring the Des Plaines River and groundwater for cyanide contamination. The facility has ~3 to 4 years of life remaining under its current permit, operations at the site indicate some improvement has been made to correct past problems. A site inspection at this facility would be helpful due to its proximity to the Des Plaines River, but as it is currently being inspected and monitored by the County Health Dept, and the IEPA, the inspection should be conducted on a time available basis.

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