931835

Not RCRA

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980902100

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site): Palos Hills/Carlson	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: East side of Rt 45 between 107th and 111th St.
03 CITY: Palos Hills	04 STATE: IL; 05 ZIP CODE: 13; 06 COUNTY: Cook; 07 COUNTY CODE: 031; 08 CONG DIST:
09 COORDINATES LATITUDE: 41 41 30.0; LONGITUDE: 87 51 16.0	General Highway Map, Cook Co. IL, DOT Office of Planning + Policy rev. 12/31/76

10 DIRECTIONS TO SITE (Starting from nearest public road): From loop I 94 south to I 55 West. I 55 W to Lafrange Rd (Rt 45). S on Rt 45 to site

III. RESPONSIBLE PARTIES

01 OWNER (If known): Mr. Harry A. Carlson	02 STREET (Business, mailing, residential): Non Responsive [redacted]
03 CITY: Chicago,	04 STATE: IL; 05 ZIP CODE: 60643; 06 TELEPHONE NUMBER: (312) 235-0734
07 OPERATOR (If known and different from owner):	08 STREET (Business, mailing, residential):
09 CITY:	10 STATE: ; 11 ZIP CODE: ; 12 TELEPHONE NUMBER: ( )

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 9/24/68 (MONTH DAY YEAR) 1st; 7/29/81 last
☐ NO

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
Unk. (BEGINNING YEAR) | 1975 (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED: Unknown. See Part 3, IV

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION: Unknown

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
Clifford Gould	IEPA/DLPC, Maywood FOS	(312) 345-9780

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Clifford Gould	IEPA	DLPC/FOS	( )	__/__/__ (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA Region 5 Records Ctr.
300617

EPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D980902100

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

A SOLID
B POWDER, FINES
C SLUDGE
D OTHER unknown (Specify)
E SLURRY
F LIQUID
G GAS

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

TONS Unk
CUBIC YARDS Unk
NO OF DRUMS Unk

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

unknown

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	Unk		
OLW	OILY WASTE	"		
SOL	SOLVENTS	"		
PSD	PESTICIDES	"		
OCC	OTHER ORGANIC CHEMICALS	"		
IOC	INORGANIC CHEMICALS	"		
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)

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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
IL	D980902100

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

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

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 _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

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

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

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

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

EPA

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

I. IDENTIFICATION

01 STATE: IL | 02 SITE NUMBER: D980902100

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

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 _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

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

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

DLPC file in Maywood office has no indication that this site ever accepted Haz Waste. Nevertheless, GW monitoring done in 1974 (as result of PCB order) shows concentration of Hg in wells ranging from 0.0 to 0.5 ppm. This seems to indicate that some type of "Haz Waste" was accepted at the site between 1968 and 1974. There are 3 wells in Forest Preserve just W of site. Closest is .75 mi. Furthest is 1 mi from site.

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

IEPA regional files, Maywood FOS.

EPA FORM 2070-12 (7-81)

RECEIVED

3012

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

TO: Division File

DATE: 6/15/84

FROM: C. Gould

☐ Information only

SUBJECT: 03124001 | Cook Co Palos Hills/Carlson ILD980902100

☐ Response requested

Attached is the PA for the subject site. The facility was a landfill which operated circa 1968 to 1975. It was closed and covered in 12/75. No CERCLA notification was available in the Regional Office.

Information/inspection reports going back to 1968 indicate that no Haz Waste was accepted at the site. However, GW monitoring results done in 1974 (as a result of PCB order) show Hg in concentrations ranging from 0.0 to 0.5 ppm. This seems to indicate that some type of "Haz Waste" was accepted at the site between approx 1968 and 1974.

Based on this information a site inspection should be done. A low priority has been assigned because the facility is surrounded by forest preserve - the closest residential area is approx 1 mile away. There are three wells in the forest preserve to the west of the site - the closest being 3/4 mile the furthest 1 mile from the site.

cc: N. Region
Region V, USEPA

IL 532-0571
EPA 90A 6/75

ecology and environment, inc.
111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415
International Specialists in the Environment

MEMORANDUM

DATE: September 26, 1986
TO: File
FROM: David Curnock DC
SUBJECT: Illinois/R05-8303-01J/IL0257
Palos Hills/Carlson
ILD980902100

The Carlson Landfill site is located in Palos Hills, Illinois. The site was an abandoned sand and gravel pit prior to landfilling operations. The site was active from 1967 until 1975. It is currently closed and covered. Numerous complaints of violations were brought against the landfill operation arising mainly from poor daily operations and housekeeping. Monitoring wells were installed in the early 1970's and methane gas vents were activated.

Analysis of well samples taken in 1974 showed some minute amounts of contaminants. Illinois Environmented Protection Agency (IEPA) file information refered to these sample data and cited a mercury contamination problem in the groundwater from 0 to 0.5 parts per million. This information is only partially correct. There was mercury detected in some of the groundwater samples, however, results were reported in parts per billion. The highest level recorded from the samples collected in February, March, April and May of 1974 was only 0.5 parts per billion (February 1974, well #60).

Due to the fact that there is no documentation to support the disposal of any hazardous materials, there is no undisputable evidence to link the mercury detected in the wells to the landfill operation. Therefore, with no waste characteristics, the route migration scores within the Hazardous Ranking System model would revert to zero.

33P:6F

recycled paper