POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION	SITE NUMBER (to be assigned by Hq)
V	

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (*Preliminary Assessment*). File this form in the Regional Hazardous Waste Log File and submit a copy 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

A. SITE NAME: ~~Allied Chemical~~, Calumet Works

B. STREET (or other identifier): 12200 S. Carondelet Ave.

C. CITY: Chicago

D. STATE: Ill.

E. ZIP CODE: 60633

F. COUNTY NAME: Cook

G. OWNER/OPERATOR (*if known*)
1. NAME: Allied Chemical Corp.
2. TELEPHONE NUMBER:

H. TYPE OF OWNERSHIP
- [ ] 1. FEDERAL
- [ ] 2. STATE
- [ ] 3. COUNTY
- [ ] 4. MUNICIPAL
- [x] 5. PRIVATE
- [ ] 6. UNKNOWN

I. SITE DESCRIPTION: Industrial landfill south of Allied Chemical sulfuric acid plant was used for ash, cinders, glass, equipment & possibly some inorganic chemicals. The landfill was discontinued in 1970, was filled in and the RCB ships replaced with grass.

J. HOW IDENTIFIED (*i.e., citizen's complaints, OSHA citations, etc.*): Fehlhandt Report

K. DATE IDENTIFIED (*mo., day, & yr.*): 04-79

L. PRINCIPAL STATE CONTACT
1. NAME:
2. TELEPHONE NUMBER:

II. PRELIMINARY ASSESSMENT (*complete this section last*)

A. APPARENT SERIOUSNESS OF PROBLEM
- [ ] 1. HIGH
- [ ] 2. MEDIUM
- [x] 3. LOW
- [ ] 4. NONE
- [ ] 5. UNKNOWN

B. RECOMMENDATION
- [x] 1. NO ACTION NEEDED (*no hazard*)
- [ ] 2. IMMEDIATE SITE INSPECTION NEEDED
  - a. TENTATIVELY SCHEDULED FOR:
  - b. WILL BE PERFORMED BY:
- [ ] 3. SITE INSPECTION NEEDED
  - a. TENTATIVELY SCHEDULED FOR:
  - b. WILL BE PERFORMED BY:
- [ ] 4. SITE INSPECTION NEEDED (*low priority*)

C. PREPARER INFORMATION
1. NAME: Richard E. Bance
2. TELEPHONE NUMBER: (312) 886-6220
3. DATE (*mo., day, & yr.*): 6/20/80

III. SITE INFORMATION

A. SITE STATUS
- [ ] 1. ACTIVE (*Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.*)
- [x] 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?
- [ ] 1. NO
- [x] 2. YES (*specify generator's four-digit SIC Code*):

C. AREA OF SITE (*in acres*):

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES
1. LATITUDE (*deg.-min.-sec.*):
2. LONGITUDE (*deg.-min.-sec.*):

E. ARE THERE BUILDINGS ON THE SITE?
- [x] 1. NO
- [ ] 2. YES (*specify*):

EPA Region 5 Records Ctr.
288567

Continued From Front

IV. 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	X	1. PILE		1. FILTRATION	X	1. LANDFILL
	2. SHIP	X	2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
X	4. TRUCK		4. TANK, ABOVE GROUND	X	4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND	X	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		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Besides the discontinued landfill activities are only those need for the manufacturing operation. They include disposal of waste sodium sulfate or sulfite, metallization & possibly for removal of iron hydroxide wastes, sulfur storage & transport of materials

V. WASTE RELATED INFORMATION

A. WASTE TYPE — at landfill

☐ 1 UNKNOWN ☐ 2 LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS — at landfill

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4 RADIOACTIVE ☐ 5 HIGHLY VOLATILE
☐ 6. TOXIC ☐ 7 REACTIVE ☒ 8. INERT ☐ 9. FLAMMABLE
☐ 10. OTHER (specify): Co according to description by Mr. Harris, Technical Supervisor

C. WASTE CATEGORIES — at landfill

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

Tanks, glass, ash, cinders,

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	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
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 in landfill	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	X (4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
X (5) OTHER (specify): Sodium sulfate sludge; Iron hydroxide; Small amts were from production of sulfuric acid			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(6) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify)		

 Continue On Page 3

Continued From Page 2

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

None of the substances listed by Mr. Harris, Tech. Supervisor, are of concern as a hazardous waste.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

VI. HAZARD DESCRIPTION

None

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
[illegible]NTAMINATION [illegible]				
12. N[illegible]TICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

Continue On Reverse

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- [x] 1. NPDES PERMIT
- [ ] 2. SPCC PLAN
- [x] 3. STATE PERMIT (specify) Fill of chemical wastes at other sites
- [ ] 4. AIR PERMITS
- [x] 5. LOCAL PERMIT MSD
- [ ] 6. RCRA TRANSPORTER
- [ ] 7. RCRA STORER
- [ ] 8. RCRA TREATER
- [ ] 9. RCRA DISPOSER
- [ ] 10. OTHER (specify):

B. IN COMPLIANCE?

- [x] 1. YES
- [ ] 2. NO
- [ ] 3. UNKNOWN
- [ ] 4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- [ ] A. NONE
- [ ] B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- [ ] A. NONE
- [ ] B. YES (complete items 1,2,3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Preliminary Assessment	4/18/80	EPA	Discussion of environmental contamination due to [illegible] disposal By Rich Bo[illegible] & Ann Moran

X. REMEDIAL ACTIVITY (past or on-going)

- [x] A. NONE
- [ ] B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.