POTENTIAL HAZARDOUS WASTE SITE
TENTATIVE DISPOSITION

REGION	SITE NUMBER

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: SHIPPERS CAR LINE

B. STREET: 100 E. TRENDLY AVE

C. CITY: East St. Louis

D. STATE: Ill.

E. ZIP CODE: 62201

II. TENTATIVE DISPOSITION

Indicate the recommended actions (and sub-actions) that should be taken by marking "X" in the appropriate boxes.

RECOMMENDATION	ACTION BY: PRIVATE	EPA	STATE	OTHER FED.	OTHER
1. NO ACTION NEEDED — NO HAZARD					
2. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)			X		
3. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
4. ENFORCEMENT ACTION NEEDED (If yes, specify in Part L which of the case will be prepared by the EPA or the State and the type of enforcement action to be taken)					

5. REASON FOR DISPOSITION

DUE TO ITS CLOSE PROXIMITY TO THE RIVER AND THE MARGINAL GEOLOGY OF THE AREA.

EPA Region 5 Records Ctr.
355945

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
HAK K. CHU	(312) 886-6145	3/3/80

III. INVESTIGATIVE ACTIVITIES TO BE PERFORMED

A. ADDITIONAL INFORMATION NEEDED TO ACHIEVE FINAL DISPOSITION.

On January 29, 1980, an application for pre-treatment of industrial wastewater have submitted to install concrete neutralization tanks as a phase I project for total containment of wastewater.

B. INVESTIGATIVE ACTIVITY

INVESTIGATION OR ESTIMATE FOR ACTIVITY	SCHEDULED DATE ACTIVITY (mo., day, & yr.)	ACTUAL DATE OF ACTIVITY (mo., day, & yr.)	BY WHOM	COMMENTS
1. Ground level reconnaissance			STATE	
2.				
3.				
4. SURFACE MONITORING				
5. GROUND WATER			STATE	
6. SUBSURFACE				
7. WATER & SLUDGE			STATE	

Continued From Front

III. INVESTIGATIVE ACTIVITY NEEDED or PART B - PROPOSED INVESTIGATIVE ACTIVITY (Continued)

C. TYPE OF LAB ANALYSIS				
(1) ORGANIC & INORGANICS		STATE		
(2) TOXICITY		STATE		
D. OTHER (specify)				
(1)				
(2)				

E. DUPLICATE ON ANY OF THE INFORMATION PROVIDED IN PART B (on front & above) AS NEEDED TO IDENTIFY ADDITIONAL INVESTIGATIVE WORK.

F. ESTIMATED MANHOURS BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES	1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES
a. EPA		b. STATE	
c. EPA CONTRACTOR		d. OTHER (specify)	

IV. REMEDIAL ACTIONS

A. SHORT TERM EMERGENCY STRATEGY (On Site & Off-Site) List all emergency actions needed to bring site under our private control, e.g., remove drums, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. EST. START DATE (mo.day.yr)	3. EST. END DATE (mo.day.yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				$	
				$	
				$	
				$	
				$	
				$	

B. LONG TERM STRATEGY (On Site & Off-Site) List all long term solutions, e.g., excavation, removal, ground water monitoring, wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. EST. START DATE (mo.day.yr)	3. EST. END DATE (mo.day.yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				$	
				$	
				$	
				$	
				$	
				$	

C. REMEDIAL MANHOURS AND COST BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES	1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES
a. EPA			b. STATE		
c. EPA CONTRACTOR			d. OTHER (specify)		

Continued From Front

IV. REMEDIAL ACTIONS

A. SHORT TERM/EMERGENCY ACTIONS *(On Site and Off-Site)*: List all emergency actions taken or planned to bring the site under immediate control, e.g., restrict access, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. ACTION START DATE (mo,day,&yr)	3. ACTION END DATE (mo,day,&yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. COST	6. SPECIFY 311 OR OTHER ACTION: INDICATE THE MAGNITUDE OF THE WORK REQUIRED.
NONE				$	
				$	
				$	
				$	
				$	
				$	

B. LONG TERM STRATEGY *(On Site and Off-Site)*: List all long term solutions, e.g., excavation, removal, ground water monitoring wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. ACTION START DATE (mo,day,&yr)	3. ACTION END DATE (mo,day,&yr)	4. ACTION AGENCY (EPA, State Private Party)	5. COST	6. SPECIFY 311 OR OTHER ACTION: INDICATE THE MAGNITUDE OF THE WORK REQUIRED.
NONE				$	
				$	
				$	
				$	
				$	
				$	

C. MANHOURS AND COST BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL MAN-HOURS FOR REMEDIAL ACTIVITIES	3. TOTAL COST FOR REMEDIAL ACTIVITIES
a. EPA	0	$ 0
b. STATE		$
c. PRIVATE PARTIES		$
d. OTHER *(specify)*:		$

Continue From Front

VII. WASTE RELATED INFORMATION (cont'd)

C. Estimate the amount (by city or [illegible] of waste by category, mark 'X' to [illegible] which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: UNKNOWN	AMOUNT:	AMOUNT:	AMOUNT: UNKNOWN	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) FLY ASH	X (1) LABORATORY, PHARMACEUT.
(2) METAL SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENTD. 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	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
X (5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify)
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			X (11) OTHER (specify): WASH WATER [illegible]		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X') a. SOLID	b. LIQ.	c. VAPOR	3. TOXICITY (mark 'X') a. HIGH	b. MED.	c. LOW	d. NONE	4. CAS NUMBER	5. AMOUNT	6. UNIT

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

X A. HUMAN HEALTH HAZARDS

DUE TO AN ILLEGAL DUMPING OF TOXIC AND/OR ANY OR CARCINOGENIC CHEMICALS OR A POTENTIALLY DANGEROUS UNKNOWN SUBSTANCE TO PERSONS IN PROXIMITY TO THE DUMPING

Continue On Page [illegible]

VIII. HAZARD DESCRIPTION (cont'd)

[ ] B. NONWORKER INJURY/EXPOSURE

[ ] C. WORKER INJURY/EXPOSURE

[X] D. CONTAMINATION OF WATER SUPPLY

DISCHARGING INTO THE OPEN PIT IS MORE THAN LIKELY PERCOLATING INTO THE SOIL AND POSSIBLY AFFECTING THE QUALITY OF THE GROUND WATER SUPPLY.

[ ] E. CONTAMINATION OF FOOD CHAIN

[X] F. CONTAMINATION OF GROUND WATER

POTENTIALE HAZARD DUE TO ITS PROXIMITY TO THE RIVER AND THE MARGINAL GEOLOGY OF THE AREA.

[ ] G. CONTAMINATION OF SURFACE WATER

VIII. HAZARD DESCRIPTION (Continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

Continue On Page 7

VPL HAZARD DESCRIPTION (Continued)

☐ N. FIRE OR EXPLOSION

☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☐ S. INCOMPATIBLE WASTES

Continue On Reverse

VIII. HAZARD DESCRIPTION (continued)

☐ T. INDIRECT DUMPING

☐ U. OTHER (specify)

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS				
2. IN COMMERCIAL OR INDUSTRIAL AREAS				
3. IN PUBLICLY TRAVELLED AREAS				
4. PUBLIC USE AREAS (parks, schools, etc.)				

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
D. POTENTIAL YIELD OF AQUIFER	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)	F. DIRECTION TO DRINKING WATER SUPPLY

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS* ☐ 2. COMMUNITY (specify town): > 15 CONNECTIONS _____

☐ 3. SURFACE WATER ☐ 4. WELL

Continue On Page 9

Continued From Page 4

X. WATER AND HYDROLOGICAL DATA (Continued)

F. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')

G. RECEIVING WATER

1. NAME

☐ 2. SEWERS ☐ 3. STREAMS/RIVERS

☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

XI. SOIL AND VEGITATION DATA

LOCATION THE SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☒ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

X	A. OVERBURDEN	X	B. BEDROCK (specify below)	X	C. OTHER (specify below)
X	1. SAND		Limestone w/ karst [illegible]		
X	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☒ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES ☐ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES ☐ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

J. OTHER GEOLOGICAL DATA

Continue On Reverse

Continued from Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, Sec. 404, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE? (check "A")		
					1. YES	2. NO	3. UNKNOWN

XV. FAST REGULATORY OR ENFORCEMENT ACTIONS

☐ NONE ☐ YES *(summarize in this space)*

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition *(Section II)* information on the first page of this form.