EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

AR-1

REGION	SITE NUMBER (to be assigned by HQ)
6	AR-281

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (*Section II*). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Tack Force (*EN-335*); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Stauffer Chemical Company, Agricultural Chemicals Division

B. STREET (or other identifier): 824 East 12th St. (P.O. Box 188)

C. CITY: North Little Rock

D. STATE: AR

E. ZIP CODE: 72115

F. COUNTY NAME: Pulaski

G. SITE OPERATOR INFORMATION

1. NAME: Stauffer Chemical Company Agricultural Chemicals Division

2. TELEPHONE NUMBER: (501) 374-7445

3. STREET: 824 East 12th St.

4. CITY: North Little Rock

5. STATE: AR

6. ZIP CODE: 72115

H. REALTY OWNER INFORMATION (If different from operator of site)

1. NAME: ~~TCI AMERICAS INC~~

2. TELEPHONE NUMBER:

3. CITY: ~~ARD006354485~~

4. STATE:

5. ZIP CODE:

I. SITE DESCRIPTION: Inactive landfill where one truckload full of Serin dust which was smoldering was buried in 1972. A warehouse with a concrete floor was built over the site.

SUPERFUND FILE

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☑ 5. PRIVATE

APR 17 1992

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.):

B. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☑ 4. NONE

REORGANIZED

C. PREPARER INFORMATION

1. NAME: S. C. Yin

2. TELEPHONE NUMBER: 405/332-8800 FTS: 743-2254

3. DATE (mo., day, & yr.): 2-21-80

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME: S. C. Yin

2. TITLE: Physical Scientist

3. ORGANIZATION: U.S.E.P.A., S&A Division, Ada Branch.

4. TELEPHONE NO. (area code & no.): 405/332-8800 FTS: 743-2254

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Richard "Mac" McDuffee	Arkansas Dept. of Pollution Control & Ecology	501/371-2130

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Irvin Wheeler	Plant Manager 501/374-7445	(P.O. Box 188) 824 E. 12th St., N. Little Rock, AR 72115.

9003045

REVIEWED BY: (6ASASC) Joe Field

Continued From Front

INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Stauffer Chemical Co. Agricultural Chemicals Div.	501/374-7445	824 E. 12th St., North Little Rock, AR 72115	Sevin (pesticide).

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
2-13-80	9.40 a.m.	☑ 1. PERMISSION ☐ 2. WARRANT

J. WEATHER (describe)
Clear, sunny

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF	No	samples taken	
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)			

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
No field measurements		taken

Continue On Page 3

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS
   - [ ] a. GROUND
   - [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF: No photos taken.

D. SITE MAPPED?

- [ ] YES. SPECIFY LOCATION OF MAPS: No

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 34° 45' 47"
2. LONGITUDE (deg.-min.-sec.): 92° 15' 15"

V. SITE INFORMATION

A. SITE STATUS

- [ ] 1. ACTIVE (Those inductrial 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)

Estimated: 20ft. X 40ft. Less than 10 ft. deep.

D. ARE THERE BUILDINGS ON THE SITE?

- [ ] 1. NO
- [x] 2. YES (specify): A warehouse with a concrete floor was built over the site in 1974. The building is still standing there.

VI. 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		1. PILE		1. FILTRATION	X	1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE	X	3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK	X	4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE	X	5. TANK, BELOW GROUND		5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):	X	6. OTHER (specify): Finished products in bags and cans.		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

- [x] 1. STORAGE
- [ ] 2. INCINERATION
- [x] 3. LANDFILL
- [ ] 4. SURFACE IMPOUNDMENT
- [ ] 5. DEEP WELL
- [ ] 6. CHEM/BIO/PHYS TREATMENT
- [ ] 7. LANDFARM
- [ ] 8. OPEN DUMP
- [ ] 9. TRANSPORTER
- [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

- [ ] 1. LIQUID
- [x] 2. SOLID
- [ ] 3. SLUDGE
- [ ] 4. GAS

B. WASTE CHARACTERISTICS

- [ ] 1. CORROSIVE
- [ ] 2. IGNITABLE
- [ ] 3. RADIOACTIVE
- [x] 4. HIGHLY VOLATILE
- [x] 5. TOXIC
- [ ] 6. REACTIVE
- [ ] 7. INERT
- [x] 8. FLAMMABLE
- [ ] 9. OTHER (specify):

C. WASTE CATEGORIES

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

Records are available beginning 2-1-80. None kept prior to that date.

Continue On Reverse

VII. WASTE RELATED INFORMATION *(continued)*

2. Estimate the amount *(specify unit of [redacted])* of waste by category; mark 'X' to indic[redacted]ch 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	X (1) LABORATORY, PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER *(specify)*:	X (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		Approximately 100 gals. of solvents (xylene and kerosene) are hauled off annually by the Arkansas Waste Disposal (SCA Services) to the Arkansas Waste Landfill on Ripley Road, N. Little Rock	X (4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
(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)*: Herbicides		

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
Trithion (insecticide)	X			X				298-06-6		
Captan (fungicide)	X				X			Unable to find in TOSCA chemical substance inventory. See attached list for the chemical names of these substances.		
Ordram	X				X					
Vernam	X				X					
Eptam	X				X					
Tillam	X				X					
Sutan	X				X					
Eradicane; Prefar; Betasan	X				X					

Herbicides

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.

☐ A. HUMAN HEALTH HAZARDS

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Continued From Page 4

II. HAZARD DESCRIPTION *(continued)*

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

☐ D. CONTAMINATION OF WATER SUPPLY

☐ E. CONTAMINATION OF FOOD CHAIN

☐ F. CONTAMINATION OF GROUND WATER

☐ G. CONTAMINATION OF SURFACE WATER

Continue On Reverse

Continued From Front

VII. 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

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Continued From Page 6

III. 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. MIDNIGHT 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	This site is located in an industrial area of N. Little			
2. IN COMMERCIAL OR INDUSTRIAL AREAS	Rock. There are numerous other industrial plants in the area.			
3. IN PUBLICLY TRAVELLED AREAS	It is impossible to estimate the number of people working in			
4. PUBLIC USE AREAS *(parks, schools, etc.)*	the area.			

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER *(specify unit)*	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
30 ft. below surface	South	None known
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY** *(specify unit of measure)*	**F. DIRECTION TO DRINKING WATER SUPPLY**
	approx. 12 miles	~~Southwest~~ W. Northwest.

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS

☑ 2. COMMUNITY *(specify town)*: City of North Little Rock (surface water) (Lake Maumelle)
> 15 CONNECTIONS

☐ 3. SURFACE WATER

☐ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. 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')
An environmental audit done recently by the company revealed no water well within a 2 mile radius.				

I. 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 VEGETATION DATA

LOCATION OF SITE IS IN:

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

None of these.

☐ 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)
	1. SAND	X	~~[illegible]~~ Shale	X	Alluvial sand & clay subsoil.
X	2. CLAY loam				
	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: The site is

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

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, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UNKNOWN
Arkansas State Runoff Permit	ADPC&E	2233-W	6-4-79				✓
Arkansas State Air Permit	ADPC&E	577-A	9-28-79				

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☐ NONE ☑ YES (summarize in this space)

Mr. Jarrell Southhall, Director, ADPC&E, issued an odor complaint on the plant in July, 1979. As a result, an air permit (NO. 577-A) was issued to the plant.

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.

Stauffer Chemical Co.
Agricultural Chemicals Div.
N. Little Rock, Arkansas.

Trade Name	Chemical Name
Trithion	S-[(p-chlorophenylthio)methyl] o,o-diethyl phosphorodithioate.
Captan	N[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide
Ordram	S-ethyl hexahydro-1H-azepine-1-carbothioate.
Vernam	S-propyl dipropylthiocarbamate
Eptam	S-ethyl dipropylthiocarbamate
Tillam	S-propyl butylethylthiocarbamate
Sutan	S-ethyl diisobutylthiocarbamate
Eradicane	S-ethyl dipropylthiocarbamate.
Prefar, Betasan	S-(o,o-diisopropyl phosphorodithioate) of N-(2-mercaptoethyl) benzenesulfonamide.
Serin	(Carbaryl) 1-Naphthyl N-methylcarbamate.

LANDFILLS SITE INSPECTION REPORT
(Supplemental Report) Stauffer Chemical Co.

INSTRUCTION
Answer and Explain as Necessary.

1. EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Sink Holes, etc)
☐ YES ☑ NO

2. EVIDENCE OF IMPROPER DISPOSAL OF BULK LIQUIDS, SEMI-SOLIDS AND SLUDGES INTO THE LANDFILL
☐ YES ☑ NO

3. CHECK RECORDS OF CELL LOCATION AND CONTENTS AND BENCHMARK
☐ YES ☑ NO

4. WASTES SURROUNDED BY SORBENT MATERIAL
☐ YES ☑ NO

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED
☐ YES ☑ NO

6. EVIDENCE OF PONDING OF WATER ON SITE
☐ YES ☑ NO

7. EVIDENCE OF IMPROPER/INADEQUATE DRAINING
☐ YES ☑ NO

8. ADEQUATE LEACHATE COLLECTION SYSTEM (If "Yes", specify Type)
☐ YES ☑ NO

8a. SURFACE LEACHATE SPRING
☐ YES ☑ NO

9. RECORDS OF LEACHATE ANALYSIS
☐ YES ☑ NO

10. GAS MONITORING
☐ YES ☑ NO

11. GROUNDWATER MONITORING WELLS
☐ YES ☑ NO

12. ARTIFICIAL MEMBRANE LINER INSTALLED
☐ YES ☑ NO

13. SPECIFIC CONTAINMENT MEASURES (Clay Bottom, Sides, etc)
☐ YES ☑ NO

14. FIXATION (Stabilization) OF WASTE
☐ YES ☑ NO

15. ADEQUATE CLOSURE OF INACTIVE PORTION OF FACILITY
☑ YES ☐ NO

16. COVER (Type) A truckload of Sevin pesticide powder which was smoldering was buried in an area approx. 20ft.x40ft. in 1972. A warehouse with a concrete floor was built over the burial site in 1974 and this building still stands there today.

16a. THICKNESS

16b. PERMEABILITY

16c. DAILY APPLICATION
☐ YES ☑ NO

All present wastes from the herbicides and pesticides formulation operations at the plant are hauled off to the Arkansas Waste Landfill on Rixey Road at North Little Rock. An inspection of the latter landfill is scheduled for Feb. 27, 1980.

STORAGE FACILITIES SITE INSPECTION REPORT
(Supplemental Report) Stauffer Chemical Co.

INSTRUCTION
Answer and Explain as Necessary.

1. STORAGE AREA HAS CONTINUOUS IMPERVIOUS BASE
☑ YES ☐ NO

2. STORAGE AREA HAS A CONFINEMENT STRUCTURE
☑ YES ☐ NO

3. EVIDENCE OF LEAKAGE/OVERFLOW *(If "Yes", document where and how much runoff is overflowing or leaking from containment)*
☐ YES ☑ NO

4. ESTIMATE TYPE AND NUMBER OF BARRELS/CONTAINERS
25,000 bags of formulated herbicides. 30 barrels of herbicides, 30 barrels of emulsifiers.

5. GLASS OR PLASTIC STORAGE CONTAINERS USED
☐ YES ☑ NO

6. ESTIMATE NUMBER AND CAPACITY OF STORAGE TANKS
Ten 10,000 gal. tanks, Two 16,000 gal. tanks, Two 15,000 gals tanks, Six 6,000 gal. tanks } above ground
One 12,000 gal. xylene tank, One 12,000 gal. kerosene tank } below ground.

7. NOTE LABELING ON CONTAINERS
Various herbicides: Ordram, Vernam, Eptam, Tillam, Sutan, Eradicane, Prefar, Betasan.

8. EVIDENCE OF LEAKAGE CORROSION OR BULGING OF BARRELS/CONTAINERS/STORAGE TANKS *(If "Yes", document evidence. Describe location and extent of damage. Take PHOTOGRAPHS)*
☐ YES ☑ NO

9. DIRECT VENTING OF STORAGE TANKS
☑ YES ☐ NO

10. CONTAINERS HOLDING INCOMPATIBLE SUBSTANCES *(If "Yes", document evidence. Describe location and identity of hazardous waste. Take PHOTOGRAPHS.)*
☐ YES ☑ NO

11. INCOMPATIBLE SUBSTANCES STORED IN CLOSE PROXIMITY *(If "Yes", document evidence. Describe location and identity of hazardous waste. Take PHOTOGRAPHS.)*
☐ YES ☑ NO

12. ADEQUATE CONTAINER WASHING AND REUSE PRACTICES
☑ YES ☐ NO

13. ADEQUATE PRACTICES FOR DISPOSAL OF EMPTY STORAGE CONTAINERS
☑ YES ☐ NO