WAQC 010

WAQC 106

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

CHEMICAL OR RADIOLOGICAL ANALYSIS INPUT FORM

RECEIVED 1983 MAR -2 AM 9:31 AIR & WATER POLLUTION CONTROL COMMISSION JACKSON, MISS.

PWS ID: 0 (1-7)

TRANSACTION CODE: Ø3 (8-9)

PUBLIC WATER SYSTEM NAME AND ADDRESS: Well used by U.S.A.E. Environmental Lab for toxicological studies (Vicksburg MS.) contact Jim HARDAGE Bureau of Pollution Control 961-5171

MS

CS 1-9 ABOVE	CONTAMINANT ID	CONTAMINANT NAME	ANALYSIS METHOD	ANALYSIS RESULTS	DECIMALS	ANALYSIS DATE MO. DAY YR.	28-46 BELOW	SAMPLE ANALYZED BY:
DUP	1005	Arsenic	103	<0003	3	012483	DUP	SM
DUP	1010	Barium	101	0017	2	012583	DUP	SM
DUP	1015	Cadmium	101	<0001	3	012083	DUP	CWT
DUP	1020	Chromium	101	0003	2 (2)	012183	DUP	WI
DUP	1025	Fluoride	107	0004	1	011983	DUP	WI
DUP	1030	Lead	103	<0001	2	012083	DUP	CWT
DUP	1035	Mercury	103	<0005	4	011983	DUP	WI
DUP	1040	Nitrate (as N)	105	<0001	1	011883	DUP	CWT
DUP	1045	Selenium	103	<0005	3	012583	DUP	Cut.
DUP	1050	Silver	101	<0001	3	012183	DUP	CWT

(1-9; 10-13; 14-16; 17-20; 21; 22-27)

LOCATION CODE (28-30)	LOCATION NAME	SAMPLE DATE MO. DAY YR. (31-36)	SAMPLE TYPE (37)	SAMPLE TIME (38-41)	LAB ID (42-46)	LAB NAME	SAMPLE COLLECTED BY:
	USAE Environmental Lab Vicksburg, MS.	011883	D	1:15 p.m.	00001	Public Health Lab.	HARDAGE

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

SAMPLE TYPE KEY

- C - CHECK SAMPLE
- D - REGULAR DISTRIBUTION SAMPLE
- P - PLANT TAP SAMPLE
- R - RAW WATER SAMPLE
- S - SPECIAL SAMPLE

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PUBLIC WATER SYSTEM NAME AND ADDRESS

well used by U.S.A.E. Environmental Lab for toxicological studies
contact Jim Hardage
Bureau of Pollution Control 961-5171

PWS ID (1-7):

TRANSACTION CODE (8-9): 03

MS

1-9 ABOVE	CONTAMINANT ID (10-13)	CONTAMINANT NAME	ANALYSIS METHOD (14-16)	ANALYSIS RESULTS (17-20)	DECIMALS (21)	ANALYSIS DATE MO. DAY YR. (22-27)	28-46 BELOW	SAMPLE ANALYZED BY:
DUP	2005	Endrin	201	<0008	5	020383	DUP	WJ
DUP	2010	Lindane	201	<0005	5	020383	DUP	
DUP	2015	Methoxychlor	201	<0004	4	020383	DUP	
DUP	2020	Toxaphene	201	<0025	4	020383	DUP	
DUP	2105	2,4-D	203	<0015	4	022583	DUP	
DUP	2110	2,4,5-TP Silvex	203	<0007	4	022583	DUP	
DUP							DUP	
DUP							DUP	
DUP							DUP	
DUP							DUP	

LOCATION CODE (28-30):

LOCATION NAME: USAE Environmental Lab Vicksburg, MS

SAMPLE DATE (31-36): MO. 01 DAY 18 YR. 83

SAMPLE TYPE (37):

SAMPLE TIME (38-41): 1:15 p.m.

LAB ID (42-46): 00001

LAB NAME: Public Health Lab.

SAMPLE COLLECTED BY: Jim Hardage

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

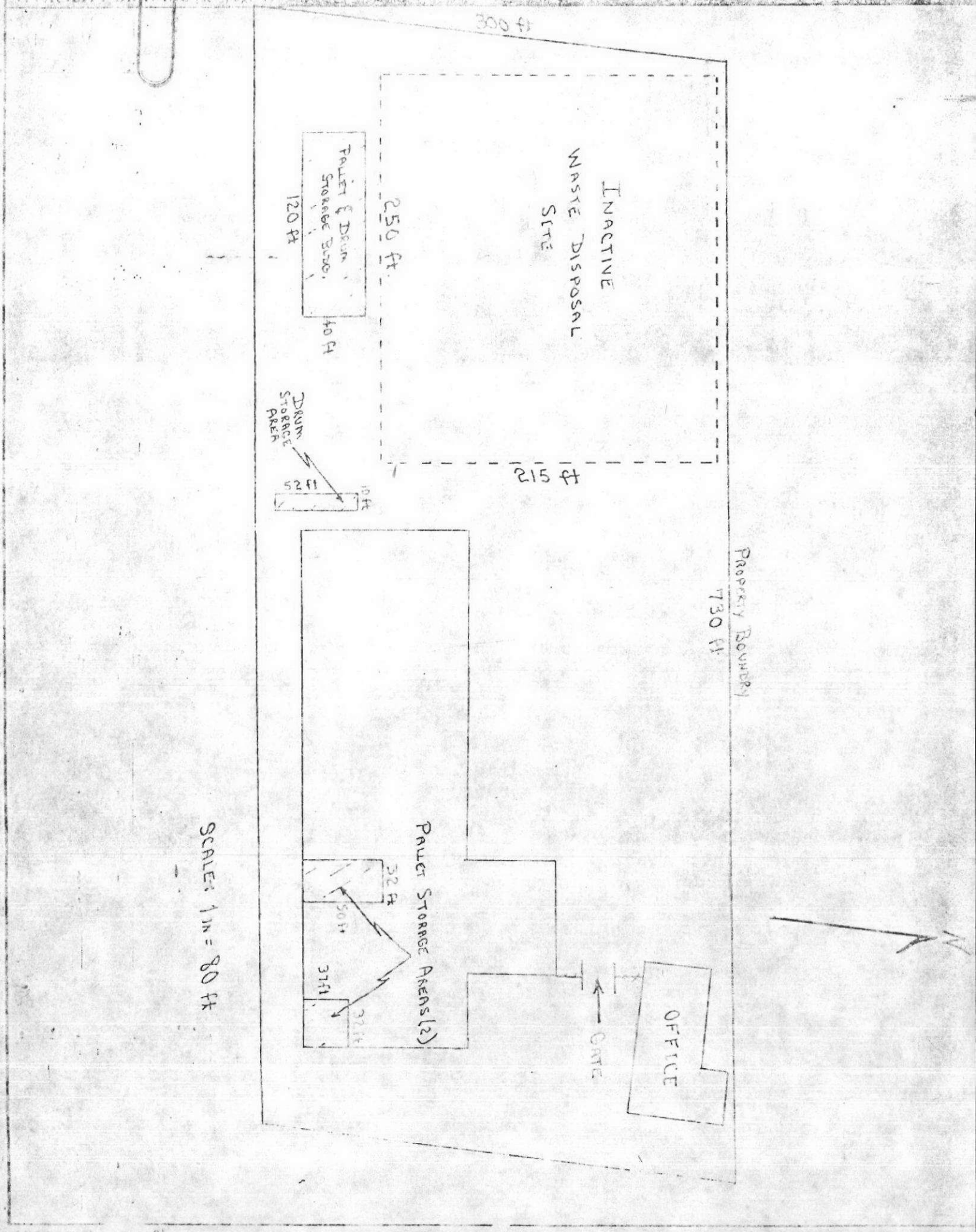
SAMPLE TYPE KEY

- C - CHECK SAMPLE
- D - REGULAR DISTRIBUTION SAMPLE
- P - PLANT TAP SAMPLE
- R - RAW WATER SAMPLE
- S - SPECIAL SAMPLE

Continued from page 4

Form Approved OMB No. 158-S80004

V. FACILITY DRAWING (see page 4)



March 25, 1983

Mr. Vic McFarland
WESES
Waterways Experiment Station
Box 601
Vicksburg, Mississippi 39180

Dear Mr. McFarland:

Enclosed are the analytical results of the well water sample I collected on January 18, 1983. Also enclosed is a list of the EPA interim primary drinking water standards. As you will note, all results are well below maximum levels.

If you have any questions regarding this matter, please contact me. You may also contact David Mitchell, Division of Water Supply, Mississippi State Board of Health, telephone number 354-6616.

Sincerely,

Jim Hardage

James B. Hardage
Division of Solid Waste Management

JBH:cbl
Enclosure

Vic McFarland 634-3721
WESES
WWES
Box 601 Vicksburg 39180

Memo
To: File
From: Jim Hardage

During MITRE ranking of the Vertac uncontrolled site, two U.S. Corp of Engineers wells were identified as drawing from the aquifer of concern (the alluvial aquifer) within a three mile radius. On pg. 5 of the HRS score sheet, these wells are listed as serving 200+ people. The FIT team that did the scoring recommended that both of the USCE wells be sampled.

I contacted USCE and USGS and got the attached information concerning USCE wells. I also made arrangements with Vic McFarland to collect water samples. These wells are <u>not</u> used for drinking purposes; rather, the Environmental Laboratory uses water from one of the wells in fish toxicity studies. The other well is not used.

On January 19, 1983, I collected a water sample from the above-mentioned well. The sample was carried to MSBH laboratory for analysis of drinking water parameters. No unusual results were obtained. The report was forwarded to Mr. McFarland.

According to Mr. McFarland, drinking water for the entire
US CE complex comes from the Vicksburg city wells.

Information [redacted]: USCE Wells Identif[redacted]d on Vertac HRS Score Sheet

Info Sources: USCE

USGS

M006 + M007
USCE drilled the holes themselves apparently.
Ran electric logs.
S 13 T 15N R3E, NW of NE of NW
Joe Gatsy was with USCE.
Has made one well in the last year.
S13 T15N R3E, NE of NE
screen size 2"
depth 232'
10 gpm
4" casing
screened from 207 - 217' + 222 - 232'
1 1/2 HP submersible pump
in Forest Hill Formation

8-4-82

Vertac

HAZ. Ranking System score - 23.06

Air release - can't be used because ① not documented and ② not from uncontrolled site.

Documented release to surface water.
City wells not in danger.
Very few shallow wells in area. This lowers the score.
Main off-site well in the area is located at waterways Experiment Station. Serves ~~400~~ 200+ people. *
Data is complete.
Documented release to ground water would increase score 13%.

* Follow-up investigation by Jim Hardage showed that this information is not correct, i.e., this well is <u>not</u> used for drinking water.

VICKSBURG WELLS

Vertac

- Vicksburg takes gw from the Alluvium aquifer.
  - Wells usually 150' or less
  - Poor Quality water (hardness (400) and iron)
  - Must treat water in plant.
- No surface water intakes within 3 miles downstream. Over the years, the Miss. river has been so contaminated that nobody in Ms. gets drinking water from it.
- 2 Large rural water supplies outside of Vicksburg. { Fischer Ferry System, Hilldale System }
  - They're in the Forrest Hills formation and won't be contaminated by Vertac
- The main Vicksburg wells & water plant are north of Vertac and further than 3 miles away. Also very much upgradient

Poses no threat here.

Vertac Chemical (Warren Co.) South of Vicksburg
East of Hwy 61; adjacent to Illinois Central RR
near Hennessys Bayou.

Soil Survey 1964

Soil: SsC; [redacted] silt loams
Slopes: moderate to steep
Drainage: good - well drained
Runoff: rapid
Permeability: ~~slow~~ moderate 10^{-3}-10^{-5}
Available moisture content - high
Acidity - strongly acid to ~~slig~~ moderately alkaline
Suitability for construction: fair - good for septic tanks; fair - good for landfills
Depth from surface to water table; 0 - 4'

Aquifer:

Bull 113 Miss Geol Survey

VERTAC

WATER WELLS IN WARREN COUNTY

* Wells marked w/arrow (Smith & Lee) are within a 3 mile radius.

WELL NO.	SEC	TWP	RNG	OWNER	DATE DRLD	ALT FT	WELL DPTH FT	DIA	WATER BEARING UNIT	PUMP GPM	USE
M006 →	13	15N	03E	USCE	1972	130			- - - -		-
M007 →	13	15N	03E	USCE WGC 2	1972	127			- - - -		U
M008	40	15N	03E	JAMES BARNES	1972	170			123FRHL		H
M015	35	15N	03E	ALBERT PAXTON	1968		48	2	- - - -	10	S
M016	37	15N	03E	ALBERT PAXTON	1968		200	4	- - - -	20	S
M017	42	15N	03E	FISHER FERRY NO.	1974	200	425	10	123FRHL	250	P
M018 →	12	15N	03E	JACK B SMITH	1974		165	6	122CTHL	7	H
M019	42	15N	03E	FISHER FERRY WTR	1979	200			- - - -		-
M020	42	15N	03E	FISHER FERRY WTR	1979	190			- - - -		-
M021	42	15N	03E	FISHER FERRY WTR	1979	170			- - - -		-
M022 →	12	15N	03E	GEORGE LEE	1981	180	70	4	122CTHL	8	H
~~M008~~	~~03~~	~~15N~~	~~04E~~	~~H HESTER~~	~~1960~~		~~264~~	~~2~~	~~- - - -~~		~~H~~
N009	11	15N	04E	W R THORNTON	1960		265	2	- - - -		H
N011	11	15N	04E	HILLDALE W DIST	1966	228	434	8	123FRHL	158	P
N013	25	15N	04E	MISS HUDSON CO	1966	260	1243	4	- - - -	40	H
N015	29	15N	04E	KIRBY DAILY	1968		133	2	- - - -	3	H
N016	03	15N	04E	HILLDALE W DIST	1966	300	460	8	123FRHL	151	P
N017	04	15N	04E	H W REAUBE	1961		68	2	- - - -		H
N018	31	15N	04E	A T COPES	1962		105	2	- - - -		H
N019	02	15N	04E	DAVE ELLISON	1962		317	2	- - - -		H

...

COMMAND? L 600/609

600. L026 16 16N 05E LOUIS MILLER CON1979 ...

COMMAND? L 600/609 UNN

L026	16	16N	05E	LOUIS MILLER CON	1979	188	100	6	112MRVA	100	I
L027	03	16N	05E	HARRY STEWART NO	1979	282	216	8	123MSPG	100	P
L028	09	16N	05E	BOVINA	1980	260	310	6	123FRHL	57	-
L029	07	16N	05E	PLACID OIL CORP	1981	245	1118	3	124CCKF	90	Z
L030	08	16N	05E	PLACID OIL CORP	1981	220	1232	3	124CCKF	80	Z
L031	06	16N	05E	PLACID OIL CORP	1981	220	1113	3	124CCKF	80	Z
L033	05	16N	05E	PLACID OIL	1982	280	1211	3	124CCKF	70	Z
M002	37	15N	03E	MUNICIPAL AIRPT	1950	110	960	4	124CCKF		H

COMMAND? LOGOFF CLE
0.33 SECONDS EDITING TIME
6 DISK READS, 0 DISK WRITES
TERMINAL I/O COUNT: 135

W/LBUR CHG:	DISK I/O	TERM I/O	CPU	CONNECT	TOTAL
	$.00	$.19	$.20	$.45	$.84

ELAPSED TIME = 00:06:52
END OF SESSION

These are close to Vertac

Note: These wells are east of Vertac and > 1 mile. Groundwater flow is southwest. - Jim Hardage 1/4/84

NOTIFICATION ID NO.	SITE NAME / SITE STREET / SITE CITY / SITE COUNTY / EPA SITE ID NO.	REQUIRED NOTIFIER NAME / REQUIRED NOTIFIER STREET / REQUIRED NOTIFIER CITY / (CONTACT NAME/TITLE) / (CONTACT PHONE)	STATE	ZIP	NOTIFIER STATUS (PRES OWN, PAST OWN PRES OP, PAST OP TRANSPORTER, VOLUNTEER)
MSS000001008	VERTAC CHEMICAL CORP RIFLE RANGE RD VICKSBURG 39180 MSD990714081	VERTAC CHEMICAL CORP RIFLE RANGE RD VICKSBURG (MARAMAN, ROBERT F., CHIEF CHEM) (601-636-1231)	MS	39180	

RELEASES TO THE ENVIRONMENT: NONE

DATES OF WASTE HANDLING: 1972 TO 1981

WASTE AMOUNT: 4,600,000 GALLONS AREA: 231,600 SQ FT MAP PRESENT: YES FORM TYPE: 8900-1

NOTIF. POSTMARKED DATE: 81/06/08 SIGNATURE PRESENT: YES DATE OF LAST UPDATE: 81/10/14

TYPE OF FACILITY	TYPES OF WASTES	SOURCES OF WASTE
DRUM ABOVE GROUND IMPOUNDMENT LANDFILL DRUM BELOW GROUND	2-SEC-BUTYL-4,6-DINITROPHENOL * 4,6-DINITRO-O-CRESOL & SALTS CHLOROFORM(I,T) TOXAPHENE XYLENE PESTICIDES	CHEMICALS, GENERAL

COMMENTS	SEQ NO.
SEE FILE	1

VERTAC CHEMICALS

GROUND WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)
1 Observed Release	0 45	1	0	45	3.1
If observed release is given a score of 45, proceed to line 4. If observed release is given a score of 0, proceed to line 2.					
2 Route Characteristics					3.2
Depth to Aquifer of Concern	0 1 2 3	2	6	6	
Net Precipitation	0 1 2 3	1	2	3	
Permeability of the Unsaturated Zone	0 1 2 3	1	2	3	
Physical State	0 1 2 3	1	3	3	
	Total Route Characteristics Score		13	15	
3 Containment	0 1 2 3	1	3	3	3.3
4 Waste Characteristics					3.4
Toxicity/Persistence	0 3 6 9 12 15 18	1	18	18	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1	8	8	
	Total Waste Characteristics Score		26	26	
5 Targets					3.5
Ground Water Use	0 1 2 3	3	9	9	
Distance to Nearest Well/Population Served	0 4 6 8 10 / 12 16 18 20 / 24 30 32 35 40	1	12	40	
	Total Targets Score		21	49	
6 If line 1 is 45, multiply 1 x 4 x 5 / If line 1 is 0, multiply 2 x 3 x 4 x 5			21,294	57,330	
7 Divide line 6 by 57,330 and multiply by 100	S_{gw} = 37.14				

SURFACE WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)
1 Observed Release	0 45	1	45	45	4.1
If observed release is given a value of 45, proceed to line 4. If observed release is given a value of 0, proceed to line 2.					
2 Route Characteristics					4.2
Facility Slope and Intervening Terrain	0 1 2 3	1		3	
1-yr. 24-hr. Rainfall	0 1 2 3	1		3	
Distance to Nearest Surface Water	0 1 2 3	2		6	
Physical State	0 1 2 3	1		3	
Total Route Characteristics Score				15	
3 Containment	0 1 2 3	1		3	4.3
4 Waste Characteristics					4.4
Toxicity/Persistence	0 3 6 9 12 15 18	1	18	18	
Hazardous Waste *Quantity*	0 1 2 3 4 5 6 7 8	1	8	8	
Total Waste Characteristics Score			26	26	
5 Targets					4.5
Surface Water Use	0 1 2 3	3	6	9	
Distance to a Sensitive Environment	0 1 2 3	2	2	6	
Population Served/Distance to Water Intake Downstream	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1	0	40	
Total Targets Score			8	55	
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			9360	64,350	
7 Divide line 6 by 64,350 and multiply by 100	S_{sw} = 14.55				

AIR ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)
1 Observed Release	0 45	1	0	45	5.1
Date and Location:					
Sampling Protocol:					
If line 1 is 0, the S = 0. Enter on line 5. If line 1 is 45, then proceed to line 2.					
2 Waste Characteristics					5.2
Reactivity and Incompatibility	0 1 2 3	1	2	3	
Toxicity	0 1 2 3	3	9	9	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1	8	8	
	Total Waste Characteristics Score		19	20	
3 Targets					5.3
Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1	21	30	
Distance to Sensitive Environment	0 1 2 3	2	2	6	
Land Use	0 1 2 3	1	3	3	
	Total Targets Score		26	39	
4 Multiply 1 x 2 x 3			0	35,100	.6233
5 Divide line 4 by 35,100 and multiply by 100 S_a = 0					

	S	S^2
Groundwater Route Score (S_{gw})	37.14	1379.38
Surface Water Route Score (S_{sw})	14.55	211.70
Air Route Score (S_a)	0	0
$S_{gw}^2 + S_{sw}^2 + S_a^2$		1591.08
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		39.89
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73$		S_M = 23.06

WORKSHEET FOR COMPUTING S_M

1 OBSERVED RELEASE

Contaminants detected (5 maximum):

No

Rationale for attributing the contaminants to the facility:

—

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern VALUE = 3

Name/description of aquifers(s) of concern:

ALLUVIUM -

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

>150 on land for wells - 0-4 water table

Depth from the ground surface to the lowest point of waste disposal/ storage:

4 ft

Net Precipitation Value = 2

Mean annual or seasonal precipitation (list months for seasonal):

54 Figure 5

Mean annual lake or seasonal evaporation (list months for seasonal):

45 inches Figure 4

Net precipitation (subtract the above figures):

+ 9 inches

Permeability of Unsaturated Zone VALUE = 2

Soil type in unsaturated zone:

*

Permeability associated with soil type:

10^{-3} to 10^{-5}

*

Physical State Value = 3

Physical state of substances at time of disposal (or at present time for generated gases):

Liquids
Sludges
Solids

* * *

3 CONTAINMENT

Containment Value = 3

Method(s) of waste or leachate containment evaluated:

Landfill no Liner - moderately permeable
Uncovered piles Wastes not stabilized

Method with highest score:

Above

4 WASTE CHARACTERISTICS

Toxicity and Persistence Value = 18

Compound(s) evaluated:

Cyanazine	Methyl Parathion · Chlorine	26 Jan 1980
Atrazine	Dinoseb	USEPA REPORT
Toxophene	DNBP (Di Nitro Butyl Phenol)	Doug Lair FSE
PCB	Cyanides	Bo Bruner

Compound with highest score:

PCB

Hazardous Waste Quantity VALUE - 8

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

30 acre site

3636 - 200,000 gal (Dinitrobutyl Phenol DNBP)
330 - 325-330 55 gal Drums
16,000 - 3000-4000 Cu. Yards

Rep: EPA FORM 2070-2

Basis of estimating and/or computing waste quantity: 19,966 55 gal Drums

All above converted to Drums

* * *

5 TARGETS

Ground Water Use VALUE = 3

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:
Drinking water -

Distance to Nearest Well VALUE = 2

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:
1 - 2 MILES - SMITH & LEE WELLS

Distance to above well or building:
SAME ABOVE

Population Served by Ground Water Wells Within a 3-Mile Radius VALUE = 2

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:
4 WELLS - 2 are USCS wells - 200+ people.
Reg OFFICE FOR CORP OF ENG -

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

Total population served by ground water within a 3-mile radius: TOTAL VALUE = 12

SURFACE WATER ROUTE

1 OBSERVED RELEASE Value = 45

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

SEE #4 page 4 for list of chemicals

Rationale for attributing the contaminants to the facility:

EPA HWSI report JAN 26 1982

* * *

2 ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

Name/description of nearest downslope surface water:

Average slope of terrain between facility and above-cited surface water body in percent:

Is the facility located either totally or partially in surface water?

Is the facility completely surrounded by areas of higher elevation?

1-Year 24-Hour Rainfall in Inches

Distance to Nearest Downslope Surface Water

Physical State of Waste

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Method with highest score:

4 WASTE CHARACTERISTICS

Toxicity and Persistence VALUE = 18

Compound(s) evaluated

SEE GROUND WATER ROUTE pg 4

Compound with highest score:

PCB

Hazardous Waste Quantity Value = 8

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

See Waste Quantity - Ground water route

Basis of estimating and/or computing waste quantity: 19,966 55gal drums

* * *

5 TARGETS

Surface Water Use Value = 2

Use(s) of surface water within 3 miles downstream of the hazardous substance:

Recreation

Is there tidal influence? No

Distance to a Sensitive Environment Value = 1

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

NO

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

Less than 1 mile to Mississippi river and lowland areas on local streams

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

No

Population Served by Surface Water VALUE = 0

Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake:

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

Total population served:

Name/description of nearest of above water bodies:

Distance to above-cited intakes, measured in stream miles.

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

Total population served:

Name/description of nearest of above water bodies:

Distance to above-cited intakes, measured in stream miles.

AIR ROUTE

1 OBSERVED RELEASE

Contaminants detected:

Chlorine

Date and location of detection of contaminants

Friday 23 May 1980 Reference: Complaint Investigation Report Engineering Science Sept 1980

Methods used to detect the contaminants:

? Company admission of release

Rationale for attributing the contaminants to the site:

Company records

* * *

2 WASTE CHARACTERISTICS

? Reactivity and Incompatibility Value 2 Present & may pose a future hazard

Most reactive compound: 4 Chlorine

Chris Manual

Most incompatible pair of compounds:

Chlorine + Halogenated compounds

Toxicity

Most toxic compound: Value = 3
Methyl Parathion

Hazardous Waste Quantity

Total quantity of hazardous waste: Value = 8
19,966 drums

Basis of estimating and/or computing waste quantity:
See page 4 # 4

* * *

3 TARGETS

Population Within 4-Mile Radius value 21

Circle radius used, give population, and indicate how determined:

0 to 4 mi	0 to 1 mi	0 to 1/2 mi	0 to 1/4 mi
20,000 1/2 of Vicksburg			

Distance to a Sensitive Environment Value = 1

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

None

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

less than 1 mile to Mississippi Lowlands.

Distance to critical habitat of an endangered species, if 1 mile or less:

None

Land Use

Distance to commercial/industrial area, if 1 mile or less: Value 3

1/4 mile or less to Vicksburg WWTP

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

*

Distance to residential area, if 2 miles or less:

*

Distance to agricultural land in production within past 5 years, if 1 mile or less: 2

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

FILE COPY

June 13, 1994

Mr. Brian Farrier
Site Investigation and
Support Branch
Waste Management Division
U.S. EPA - Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

RE: Site Inspection Prioritization (SIP) Report
Vertac Chemical Corporation
MSD990714081
Vicksburg, Warren County, MS

Dear Brian:

Enclosed is the referenced report. Please contact me if you have any questions.

Sincerely,

Phillip Weathersby
CERCLA Section, Chief

PW:BG_ms26A

Enclosure

See RCRA Files -

1-11-89

Sa

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

JUL 18 1989

RECEIVED
JUL 21 1989
Dept. of Natural Resources
Bureau of Pollution Control

4WD-RCRA

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Steven T. Boswell, Director
Environmental Affairs
Cedar Chemical Corporation
P.O. Box 3
Vicksburg, Mississippi 39180

Re: Request for Information Pursuant to Section 104 of CERCLA and Section 3007 of RCRA, for Cedar Chemical Corporation in Vicksburg, Mississippi.

Dear Mr. Boswell:

The United States Environmental Protection Agency (EPA) is investigating the source, extent and nature of the release or threatened release of hazardous substances, pollutants or contaminants on or about the Cedar Chemical Corporation (CCC) facility in Vicksburg, Mississippi.

This investigation is conducted under the provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, 42 U.S.C. Section 9604, as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), P.L. 99-499, and Section 3007 of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Section 6927. Pursuant to these statutory provisions you are hereby requested to provide the following information and forward all documents relating thereto to this office:

(1) A list of the dates when the facility's Contingency Plan or Spill Prevention, Control and Counter-Measures (SPCC) Plan has been implemented.

(2) For each of the dates listed in response to question one, the reason for the implementation of the plan, a discussion of all actions taken pursuant to the plan and the exact location of each incident requiring implementation of the plan.

(3) All information relating to material disposed of in the "old landfill area" adjacent to the facility's surface impoundment.

(4) A drawing or written description of the location or approximate location of the pits in the "old landfill area".

Compliance with this request for information is mandatory. Failure to respond fully and truthfully to each and every question or request within ten (10) business days of receipt of this letter, or to adequately justify such failure to respond, may result in enforcement action by EPA pursuant to Section 104 of

CERCLA, as amended, and/or Section 3008 of RCRA. Each of these statutes permits EPA to seek the imposition of penalties of up to twenty-five thousand dollars ($25,000) for each day of continued non-compliance.

Your response to this request for information should be mailed to:

Allan E. Antley, Chief
Waste Compliance Section
U.S. EPA - Region IV
RCRA Branch
345 Courtland Street, N.E.
Atlanta, Georgia 30365

The information requested herein must be provided notwithstanding its possible characterization as confidential information or trade secrets. You may, if you desire, assert a business confidentiality claim covering part or all of the information requested, in the manner described by 40 C.F.R. Section 2.203 (b), by attaching to such information at the time it is submitted, a notice employing language such as "trade secret," or "proprietary" or "company confidential". Information covered by such a claim will be disclosed by EPA only to the extent, and only by the means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If no such claim accompanies the information when it is received by EPA it may be made available to the public by EPA without further notice to you. You should read the above cited regulations carefully before asserting a business confidentiality claim, since certain categories of information are not properly the subject of such a claim.

Should you have any question, please contact Jeaneanne Gettle at (404) 347-7603 or Zylpha Pryor, Assistant Regional Counsel, at (404) 347-2641.

Sincerely,

Patrick M Tobin

Patrick M. Tobin
Director
Waste Management Division

cc: Sam Mabry, MSDNR