170355

0005469 03

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME: American Chemical Service

LOCATION: 420 S. Colfax Ave Griffith, IN. 41° 31' 19" 87° 24' 57"

KVB 6/23/83

June 28, 1982

0000470

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME: American Chemical Service

LOCATION: 420 South Colfax Ave. Griffith, IN

GROUND WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected (5 maximum):

Rationale for attributing the contaminants to the facility:

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifers(s) of concern:

The Major Pleistocene Aquifer in Lake Co
Combination of 3rd layer of sand and 4th layer of clay till
Rosenshein, Geohydrology and groundwater potential of Lake Co Indiana, 1961.
Indiana State Board of Health, Office Memorandum from Jim King concerning Geologic Description and Evaluation, 8/15/78.

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

40ft beneath surface; see above source

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

Assume 10 ft. HRS manual

Groundwater contamination has been confirmed in the upper shallow Calumet aquifer. The upper and lower aquifers are divided by a continuous clay layer approximately 15-25 ft in thickness. The vast majority of private groundwater wells in use in this area are in the lower aquifer See reference Menzer, Mark. page 5.

KVB 6/23/83

0000472

Net Precipitation

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

Delete HRS Manual

Add Reference: Climatic Atlas of the United States, U.S. Dept. of Commerce, National Climatic Center, Ashville, NC. 1979.

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

Delete HRS Manual

Add Reference: Climatic Atlas of the United States

Net precipitation (subtract the above figures):

Delete HRS Manual

Permeability of Unsaturated Zone

Soil type in unsaturated zone: In this case, intervening geologic formations were evaluated. Units 1+2 comprise the intervening formations. Unit 1 is of glacio lacustri origin, 10-27 ft thick. The sediments are medium to coarse silty sand interbedded with zones of beach gravel, silt, & clay. Unit 2 is a 15-30 ft layer of silty clay. The permeability of Unit 2 is the limiting factor as it serves as the upper confining layer to unit 3, the aquifer of concern. Reference: Indiana State Board of Health Office Memo (8/15/78) from JM King to f (Geologic Description & Evaluation)

Permeability associated with soil type:

$10^{-5} > k > 10^{-7}$

HRS Users Manual

Physical State

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

* * *

KVBJ 6/23/83

0000473

Net Precipitation

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

36 in ~~HRS manual~~

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

30 in ~~HRS manual~~

Net precipitation (subtract the above figures):

36-30 - 6 ~~HRS manual~~

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

~~Silty Blue Clay~~

~~[illegible] and Water Well Records, Indiana Department of Natural Resources, Water Division, Presently in FIT files~~

Permeability associated with soil type:

$<10^{-5} \geq 10^{-7}$ cm/sec

HRS manual

Physical State

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

Solvent liquids and sludges

SPC-17 Liquid Waste Industry Reports

FIT Sample Results; sampling mission on 8/18/82

* * *

KYBJ 6/23/83

3 CONTAINMENT

0000274

Containment

Method(s) of waste or leachate containment evaluated:

Method with highest score:

Delete HRS score sheet & documentation record of 8/5/82

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

	Toxicity	Persistence
Correction: Vinyl chloride	3	2

Compound with highest score:

Hazardous Waste Quantity

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):

Basis of estimating and/or computing waste quantity:

* * *

KVB) 6/23/83

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Landfill

No liner or incompatible liner moderately permeable

Compatible liner

Shallow aquifer contamination confirmed

Method with highest score:

Landfill - 3

FIT Sample Results, sampling mission 8/18/82

Kn[illegible] Jim [illegible] State Board of Health, ~~HRS [illegible] documentation~~ record, ~~8-3-82~~.

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

	Tox	Per
Pentachlorophenol	3	3
benzene	3	1
1,1,1 Trichloroethane	2	2
vinyl chloride	~~[illegible]~~	~~[illegible]~~
toluene	2	1

Sax 5th edition.
HRS manual
FIT Sample Results; Sampling mission 8/18/82

Compound with highest score:

Pentachlorophenol 3-3

Hazardous Waste Quantity

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):

Up to 20,000 drums

Basis of estimating and/or computing waste quantity:

FIT; Interdepartment memo, Rod Bloese to Rene Van Someren concerning on site investigation and ducussion with Mr. Tarps of ACS, 9/11/80.

Request for FIT Remedial Action Plan, Sandra Gardebring, Director Enforcement Div to Thomas Yeates USEPA Deputy Director

KVB 6/23/83

3 TARGETS

Ground Water Use

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

Add Reference: Mark Mangen, IN. DNR (telephone conversation w/ R. Hix of FIT See FIT phone log 5/19/83)

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

Distance to above well or building:

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

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

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:

Delete Reference: HRS documentation records and scoresheets of 8/5/82

KVB 6/23/83

5 TARGETS

0000477

Ground Water Use

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

Drinking

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

North

Distance to above well or building:

Less than 2000 feet

American Chemical Services Well

Water well Record, Division of Water, Indiana Department of Natural Resources 2/24/72, representative samples in FIT file

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

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

Ross Area 682 wells

Griffith Highland Area 750 wells

Schererville/New Elliott area 700 wells

total 2132 wells

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:

2132 X 3.8 = 8,100

Mangan, Mark Indiana Dept of Natural Resources Phone conversation with R Hix 5/19/83 - Estimated 75% of wells in area in lower aquifer Looked up representative logs. See FIT file phone log

Water Well Records, Division of Water, Indiana Department of Natural Resources, representative samples in FIT files

Knoy, Jim. Indiana State Board of Health ~~HRS Documentation Records and Scoresheet 8-5-83~~. Confirmed by Renée Hix via phone ... 5/17/83. See phone log in FIT file for details. KVB 6/23/83

0000478

SURFACE WATER ROUTE

1 OBSERVED RELEASE

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

Rationale for attributing the contaminants to the facility:

* * *

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?

No, although swamp areas lie adjacent to the South west corner of the site.

• Reference: Indiana State Board of Health Office Memo (8/15/78

Rel Kine to file. 6

KVB 6/23/83

SURFACE WATER ROUTE

1 OBSERVED RELEASE

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

Rationale for attributing the contaminants to the facility:

* * *

2 ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

0-2%

Highland Topo 1964 7.5 min series

Name/description of nearest downslope surface water:

Trenton boundo site on west
wetland marsh adjacent to site
runs to Turkey Creek

Site Sketch, FIT, Site Inspection Report, 9/9/80

Potential Hazardous Waste Site Preliminary Assess, Rich Shandross, USEPA, 7/9/80 & Site Inspection Report, presently in FIT Files

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

0-2%

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

KVBJ 6/23/83

0000480

Is the facility completely surrounded by areas of higher elevation?

Add reference. USGS topographic map (7.5' series) Highland, In Quad.

1-Year 24-Hour Rainfall in Inches

Change reference: Rainfall Frequency Atlas of the United States, Techn paper No. 40, US Dept. of Commerce, US Government Printing Office, Wash. DC 1963.

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:

KVBJ 6/27/83

Is the facility completely surrounded by areas of higher elevation?

no

1-Year 24-Hour Rainfall in Inches

2.5 inches
~~HBS manual~~

Distance to Nearest Downslope Surface Water

Less than 1,000 feet to wetlands/ditch which eventually runs to Turkey Creek
Highland Topo 1969 7.5min series
Site Sketch, FIT Site Inspection Report, 9/9/80

Physical State of Waste

Potential Hazardous Waste Site Prelim Ass. & Site Inspection Report, Rich Shandross, USEPA, 7/9/80

liquid sludge
see groundwater section

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Landfill not adequately covered and diversion system potentially unsound
FIT, Site Inspection Report, 9/9/80

Method with highest score:

Potential Hazardous Waste Site Preliminary Assessment and Site Inspection Report, Rich Shandross, USEPA, 7/9/80

Landfill-2
worst case

KRB 6/23/83

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

Compound with highest score:

Hazardous Waste Quantity

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):

Basis of estimating and/or computing waste quantity:

* * *

5 TARGETS

Surface Water Use

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

Delete reference to HRS documentation Record 8/5/82

KVB 6/23/83

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

See groundwater route

Compound with highest score:

Hazardous Waste Quantity

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 groundwater route

Basis of estimating and/or computing waste quantity:

* * *

5 TARGETS

Surface Water Use

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

Recreation: Turkey Creek

Knoy, Jim. Indiana State Board of Health; ~~HRS documentation record, 8-5-82~~.

KVB. 6/23/83

Is there tidal influence?

0000484

Distance to a Sensitive Environment

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

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

Delete Reference to HRS documentation and scoresheets of 8/5/82

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

NA

Population Served by Surface Water

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:

Add reference: Jim Knoy, In. State Board of Health

KVB 6/23/83

Is there tidal influence?

0000485

Distance to a Sensitive Environment

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

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

Potential Hazardous waste site Preliminary Assessment

1,000 ft Site Inspection Report, Rich Shandrous, USEPA, 9/9/[illegible]

Knoy, Jim. Indiana State Board of Health, HRS/Scorestheet

[illegible] Highland Topo 1968 7.5 min series

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

Population Served by Surface Water

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:

NONE

KVBJ 6/23/83

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.

KVBJ 6/23/83

AIR ROUTE

1 OBSERVED RELEASE

Contaminants detected:

Date and location of detection of contaminants

Methods used to detect the contaminants:

Rationale for attributing the contaminants to the site:

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

Most incompatible pair of compounds:

KVB 6/23/83

Toxicity

Most toxic compound:

Hazardous Waste Quantity

Total quantity of hazardous waste:

Basis of estimating and/or computing waste quantity:

* * *

3 TARGETS

Population Within 4-Mile Radius

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

Distance to a Sensitive Environment

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

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

KVBJ 6/23/83

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

Land Use

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

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:

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?

KVB 6/23/83

AMERICAN CHEMICAL SERVICE, INC.
Griffith, Indiana

0000490

Conditions at listing (September 1983): American Chemical Service Inc., recycled chemicals in Griffith, Indiana, from 1958 to 1975, when it voluntarily stopped using two disposal areas on-site and covered them. The State has responded to complaints about the company since 1972. The site contains buried drums (estimated at 20,000) and sludges (primarily pigment and resins); the amounts, nature, and source are unknown.

The shallow aquifer beneath the site is contaminated with pentachlorophenol, benzene, toluene, vinyl chloride, 1,1,1-trichloroethylene, and other organic compounds, according to analyses conducted for the State. The majority of the 10,000 people residing within 3 miles of the site obtain drinking water from the lower aquifer. No contamination of drinking wells has been documented to date. The aquifers are separated by a supposedly continuous 15-to-25 foot layer of clay. The site is entirely mantled by sandy soil with high permeability. Ground water flows primarily to the northwest.

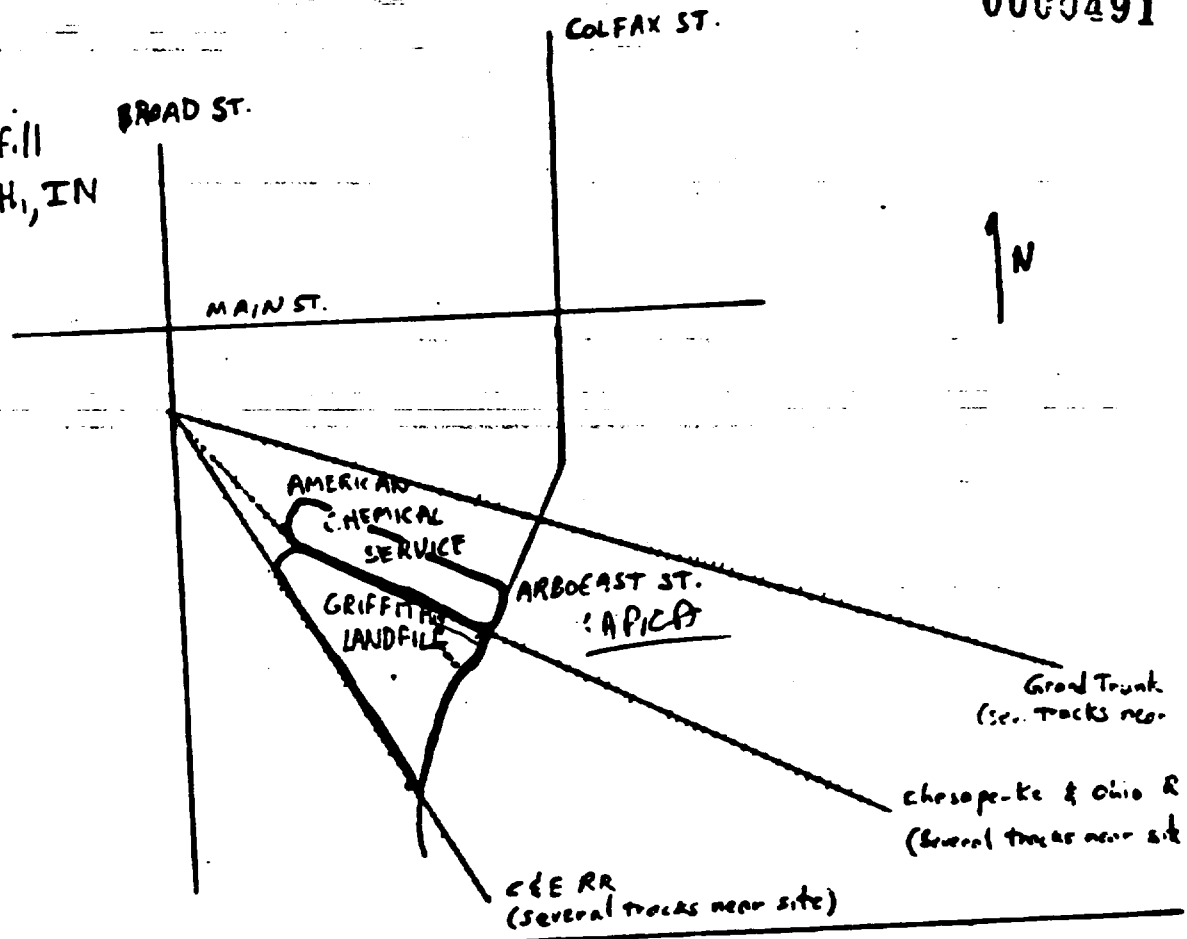
Status (April 1984): EPA is conducting a search for parties potentially responsible for wastes associated with the site.

I certify that the site name, location, and narrative description are accurate, up-to-date and have been reviewed by enforcement personnel from the Office of Regional Counsel.

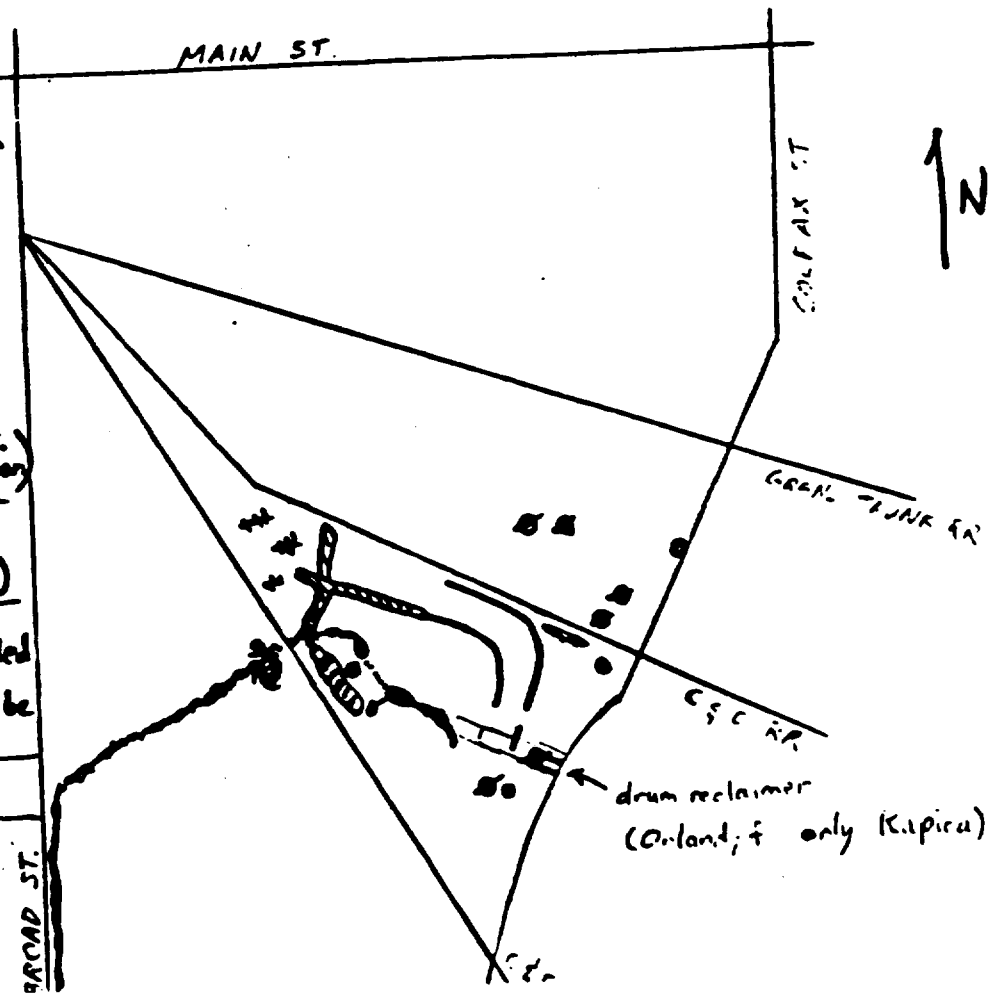
_____ Superfund Coordinator
(signature, date)

0000491

GURE 1:
Locations of Landfill
nd ACS; Griffith, IN



GURE 2:
Locations of Water Wells,
-face Draining and Areas
ere Landfill Had Borings
ade



● = borings area

= water well (approx. location)

= black leachate (pumped from sump at ●)

= swampy area, ditch filled with liquid appearing to be clean water.

= orange leachate

= pipeline between sump and leachate pond.

= leachate (black) mixed

QUALITY ASSURANCE SUMMARY SHEET
NATIONAL PRIORITIES LIST

Site Name: American Chemical Service Location: 420 S. Colfax Ave. Griffith IN Region: 5

Note: Calculate scores to 2 decimal places.

GROUNDWATER ROUTE

	Scores Original	QA	Diff
1. OBSERVED RELEASE	0	0	0
Depth to Aquifer of Concern	4	4	0
Net Precipitation	2	2	0
Permeability of the Unsaturated Zone	1	1	0
Physical State	3	3	0
2. TOTAL ROUTE CHARACTERISTICS	10	10	0
3. CONTAINMENT	3	3	0
Toxicity/Persistence	18	18	0
Hazardous Waste Quantity	8	8	0
4. TOTAL WASTE CHARACTERISTICS	26	26	0
Groundwater Use	9	9	0
Distance to Nearest Well/Population Served	35	35	0
5. TOTAL TARGETS	44	44	0

GROUNDWATER ROUTE SUBTOTAL

59.86	59.86	0

SURFACE WATER ROUTE

	Scores Original	QA	Diff
1. OBSERVED RELEASE			
Facility Slope and Intervening Terrain	0	0	0
1-Year, 24-Hour Rainfall	2	2	0
Distance to Nearest Surface Water	6	6	0
Physical State	3	3	0
2. TOTAL ROUTE CHARACTERISTICS	11	11	0
3. CONTAINMENT	2	2	0
Toxicity/Persistence	18	18	0
Hazardous Waste Quantity	8	8	0
4. TOTAL WASTE CHARACTERISTICS	26	26	0
Surface Water Use	6	6	0
Distance to a Sensitive Environment	4	4	0
Population Served/ Distance to Water Intake	0	0	0
5. TOTAL TARGETS	10	10	0

SURFACE WATER ROUTE SUBTOTAL

8.88	8.89	0.01

AIR ROUTE

	Original	QA	Diff
1. OBSERVED RELEASE	0	0	0
Reactivity and Incompatibility			
Toxicity			
Hazardous Waste Quantity			
2. TOTAL WASTE CHARACTERISTICS			
Population Within 4 Mile			
Distance to Sensitive Environment			
Land Use			
3. TOTAL TARGETS			

AIR ROUTE SUBTOTAL

0	0	0

AGGREGATE SITE RANKING

Original	QA	Diff
34.99	34.98	0

REASONS FOR SCORE DIFFERENCES
(Use other side if necessary)

Sw Route Subtotal = 8.8$\overline{8}$

∴ 8.89 is the proper rounded value

NAME OF REVIEWER: Kenneth VB Jennings

DATE: June 22, 1983

FIRE AND EXPLOSION
DIRECT CONTACT

QUALITY ASSURANCE SUMMARY SHEET
NATIONAL PRIORITIES LIST

Site Name: American Chemical Service Location: 420 S Colfax Ave Griffith IND Region: 5

Note: Calculate scores to 2 decimal places.

FIRE AND EXPLOSION

	Scores Original	QA	Diff
1. CONTAINMENT			
Direct Evidence			
Ignitability			
Reactivity			
Incompatibility			
Hazardous Waste Quantity			
2. TOTAL WASTE CHARACTERISTICS			
Distance to Nearest Population			
Distance to Nearest Building			
Distance to Sensitive Environment			
Land Use			
Population Within a 2-Mile Radius			
Buildings Within 2 Mile			
3. TOTAL TARGETS			

FIRE AND EXPLOSION TOTAL

0	0	0

DIRECT CONTACT

	Scores Original	QA	Diff
1. OBSERVED INCIDENT			
2. ACCESSIBILITY			
3. CONTAINMENT			
4. WASTE CHARACTERISTICS Toxicity			
Population Within 1-Mile Radius			
Distance to a Critical Habitat			
5. TOTAL TARGETS			

DIRECT CONTACT TOTAL

0	0	0

REASONS FOR SCORE DIFFERENCES
(Use other side if necessary)

NAME OF REVIEWER: Kenneth V. Jennings
DATE: June 22, 1983

6/9/83

American Chemical Services

One change: due to a multiplication error under Targets on the Ground Water Route Work Sheet, the value of S_n changed from 30.32 to 34.98 (see attached sheets).

Karen A. Hensei
6/9/83

American Chemical Services

Ground Water Route Work Sheet					
Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Release	0 45	1		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	4	6	
Net Precipitation	0 1 (2) 3	1	2	3	
Permeability of the Unsaturated Zone	0 (1) 2 3	1	1	3	
Physical State	0 1 2 (3)	1	3	3	
	Total Route Characteristics Score		10	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	35	40	
	Total Targets Score		44	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			34320	57,330	
7 Divide line 6 by 57,330 and multiply by 100			S_{gw} = 59.86		

FIGURE 2
GROUND WATER ROUTE WORK SHEET

American Chemical Service

	S	S^2
Groundwater Route Score (S_{gw})	59.86	3583.22
Surface Water Route Score (S_{sw})	8.88	78.85
Air Route Score (S_a)		
$S_{gw}^2 + S_{sw}^2 + S_a^2$		3662.07
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		60.52
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$		34.98

FIGURE 10
WORKSHEET FOR COMPUTING S_M

LOG-IN SHEET

STATE: IN.

American Chemical Service

SITE NAME

	RECEIVED date	FROM name	ASSIGNED TO name/date	RETURNED date	FURTHER ACTION
HRS SCORE SHEETS	5/27	FIT	Hopkins 6/83	6/10/83 by Theisen	multiplication error Changed by OSC/Theisen
DOCUMENTATION RECORDS	5/27	"	|	|	Changed by OSC/Theisen
SITE INSPECTION REPORT 2070-13 FORM	5/27	"	|	|	
PRESS SUMMARY					
REMEDIAL/ REMOVAL ACTIVITIES SUMMARY					
ENFORCEMENT SUMMARY					
PHOTOS					
OTHER					

Karen A. Theisen for Don Hopkins 6/10/83

ON-SCENE-COORDINATOR DATE

PROGRAM SUPPORT DATE

FINAL LOG-IN DATE

NATIONAL PRIORITIES LIST
CHECKLIST OF DATA REQUIREMENTS

Site Name: American Chemical Services

Notes:

DATA ELEMENT/PATHWAY	Available	Not Appropriate
Ground and Surface Water and Air		
1. Waste physical state	✓	
2. Persistence	✓	
3. Toxicity	✓	
4. Quantity	✓	
Ground Water		
1. Monitoring data OR	NO	
1a. Depth of aquifer	✓	PROBLEM
1b. Net precipitation	✓	
1c. Permeability	✓	
2. Ground water use	✓	
3. Distance to nearest down-gradient well	✓	
4. Population served by wells within 3 miles	UNK	
Surface Water		
1. Monitoring data OR	UNK	
1a. Slope and terrain	✓	
1b. Rainfall intensity	✓	
1c. Distance to surface water	✓	
1d. Flood potential	✓	
2. Surface water use	✓	
3. Critical habitats	✓	
4. Population served	✓	
Air		
1. Monitoring data		UA
2. Waste reactivity		
3. Incompatibility		
4. Toxicity		
5. Distance to nearest population		
6. Population within 1 mile		
7. Critical environments		
8. Land use		

NATIONAL PRIORITIES LIST
CHECKLIST OF DATA REQUIREMENTS
Page 2

DATA ELEMENT/PATHWAY	Available	Not Appropriate
Fire and Explosion		NA
1. Ignition source		
2. Containment		
3. Ignitability		
4. Reactivity		
5. Incompatibility		
6. Distance to population		
7. Distance to off-site building		
8. Distance to sensitive ecosystems		
9. Land use		
10. Population within 2 miles		
11. Buildings within 2 miles		
Direct Contact		
1. Evidence OR	NO	
1a. Accessibility	✓	
1b. Containment	✓	PROBLEM
2. Toxicity	✓	
3. Population within 1 mile	✓	
4. Critical habitat	✓	
5. Land use	✓	

REGION: 05

U. S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
DATA BASE UPDATED 83/09/08
T.1 - ERRIS TURNAROUND DOCUMENT

EPA ID NO.: IND016360265 SHEET 01

SITE DATA

(ACTION : #_# - FOR DATA ENTRY USE ONLY)

SF ID: #__# #__# #__#
#__# #__#

SITE NAME: AMERICAN CHEM SERV INC
STREET: 420 S COLFAX AVE
CITY: GRIFFITH
CNTY NAME: LAKE
LATITUDE: #__/__/__._#
LONGITUDE: #___/__/__._#

SOURCE: H
CONG. DIST.: 01
ST: IN ZIP: 46319-____
CNTY CODE: 089

SOURCE COUNTS (NOT UPDATABLE)

NOTIS:	3
STS:	1
NNDMS:	1
COMPOSITE:	0
OTHER:	0

NATL PRIORITY: Y
HRS: 035.0
HRS DATE (YY/MM): 82/08

RESPONSE TERMINATION (CHECK ONE IF APPLICABLE): PENDING #_# NO FURTHER ACTION X#

ENFORCEMENT DISPOSITION (CHECK ANY THAT APPLY): NO VIABLE RESPONSIBLE PARTY #_# VOLUNTARY RESPONSE #_#
ENFORCED RESPONSE #_# COST RECOVERY #_#

EVENTS

	(ACTION - FOR DATE ENTRY USE ONLY)	EVENT TYPE	DATE (YY/MM) STARTED	DATE (YY/MM) COMPLETED	CONDUCTED BY EPA	STATE	RESP/PARTY	OTHER	COUNTS
RESPONSE EVENTS	#_#	(X) SITE DISCOVERY (SD)		79/04					
	#_#	PRELIMINARY ASSESSMENT (PA)		#__/__#					
	#_#	SITE INVESTIGATION (SI)	#__/__#	#__/__#	#_#	#_#			
	#_#	REMEDIAL ACTION (RD)	#__/__#	#__/__#	#_#	#_#	#_#	#_#	#__#
	#_#	REMOVAL ACTION (RV)	#__/__#	#__/__#					#__#
ENFORCE EVENTS	#_#	ENFORCEMENT INVESTIGATION (EI)	#__/__#	#__/__#	#_#	#_#		#_#	
	#_#	ADMINISTRATIVE ORDER (AO)	#__/__#	#__/__#	#_#	#_#		#_#	
	#_#	JUDICIAL ACTION (JA)	#__/__#	#__/__#	#_#	#_#		#_#	