

CORRESPONDENCE/MEMORANDUM

*John* State of Wisconsin

Date: February 21, 1991

File Ref: 3300

To: Ron Kazmierczak

From: Sharon Schaver *SS*

Subject: Follow-Up Assessment / Remediation at a Spill Site in the Village of Thiensville - February 14, 1991 Spill

You asked that I assess the following about the spill that occurred in the Village of Thiensville:

- \*\* How serious is the threat compared to other on-going cleanup projects that I am aware of?
- \*\* What immediate remedial action(s) would I recommend?
- \*\* Suggest a Remedial Action Team / Approach to address the situation.

Site Visit

John Feeney and I visited the site on 2/19/91 at about 9 a.m. and met with Thiensville D.P.W. staff. The spill area was approximately 47 X 10 feet and occurred because vandals tipped over four - 55 gallon drums and opened the bungs. Approximately 15 additional drums were at the site. Safety Kleen collected samples from the drums and the spill area to properly characterize the materials. Disposal/recycling alternatives will be based on the analytical/waste characterization. Overpack drums were already on site on 2/19/91. According to Thiensville D.P.W. and Safety Kleen the drums were to have been overpacked on Wednesday, 2/20/91. The spill area is to be excavated today, 2/21/91, and the backhoe for excavation arrived while we were at the site. Environmental Services has been contracted by the Village to oversee the excavation.

Our maximum PID reading on a sample of the spilled material was 17 ppm. It should be noted that the sample was not fully warmed at the time of the reading.

According to Jeffrey Roche of Safety Kleen, he has applied for the proper EPA identification numbers for the Village of Thiensville and expects to receive the numbers within 3 to 4 weeks.

In the past, the site was used by the Thiensville Fire Department for practice. When the new village administrator learned of the drums of dirty

gasoline and waste oil, a decision was made to contract to properly dispose of the drums. Unfortunately, in the interim this spill occurred.

According to the constructor's report for the closest well which is located about 800 feet from the spill site, the depth to bedrock at the site is roughly 60 feet. There are clayey soils at the surface. Fortunately, the ground was still frozen at depth at the time of the spill and vertical migration should be minimal at the site. Site topography is flat and potential for runoff to surface water bodies (man-made pond, Pigeon Creek, and the Milwaukee River) is very low.

While on site photographs were taken; copies of these photos will be forwarded to the case investigator as soon as they are developed.

#### Conclusions/Recommendations

- A) The immediate remedial actions occurring at the site are satisfactory.
- B) I suggest that John Feeney be assigned to the site and that the following remedial approach be taken:
- 1) Obtain copies of all analytical results from the waste characterization.
  - 2) Samples should be collected from the bottom and sidewalls of the excavation of the spill area. The samples should be submitted for waste characterization/contaminant identification.
  - 3) The spill area should be over-excavated to minimize the potential for contaminant migration to groundwater when spring thaw occurs.
  - 4) Depending on the analytical results, all wastes should be properly disposed of or recycled.
  - 5) Also dependent on the analytical results, additional work may be required such as borings, monitoring wells, and additional remedial action.
  - 6) A report of investigation containing all documentation should be required from the Village of Thiensville.
  - 7) John Feeney should consult with appropriate Hazardous Waste staff to assure compliance with their requirements.
- C) The threat from the site cannot be fully assessed until analytical results have been received. Mitigative actions are being taken to reduce the threat to the environment.

c: Greg Pilarski  
Frank Schultz  
Jim Schmidt  
WS/2

CORRESPONDENCE/MEMORANDUM

DATE: 2/14/91

FILE REF: 4400

TO: SHARON SWAVEL

FROM: Ron Kazmierczak RK

SUBJECT: Follow-Up Assessment/Remediation at a Spill Site.

The attached report/file documents <sup>THE KNOWN FACTS</sup> ~~our clean-up efforts to date~~ at this spill site. Further remediation may be needed to adequately protect the environment. I would like you to assess this situation with the information at hand and brief me on the following issues.

- ~~1. Does this situation still pose a threat to the environment?~~
- 2. How serious is this threat compared to other on-going clean-up projects that you are aware of?
- ~~3. What further sampling information would you recommend?~~
- 4. What immediate remedial action(s) would you recommend?

I need your comments within five (5) working days of the date of this memo.

FS:sbr

Attachment

c: Kim McCutcheon - SW/3

5. SUGGEST A REMEDIAL ACTION TEAM / APPROACH TO ADDRESS THIS SITUATION.

02-14-91

Time of Call 3:23 AM (PM)

Hinrichs

Received by Sylvia Rosenbaum

SOUTHEAST DISTRICT INCOMING SPILL REPORT LOG

Name of caller Brian Bartling, Consultant Environmental Services

Telephone 414-242-1088

Is this release on-going NOW? YES NO [X] Yesterday

What is or has been spilled, discharged, or released?
[PETROLEUM] [NON-PETROLEUM] [BOTH]
[X] Solvents
Gasoline
Unleaded
Reg. Leaded
Diesel fuel
Heating Oil
Waste oil, drain oil, etc.
Machine or Cutting Oil
Pesticide
Fertilizer
Industrial solvent
Industrial grade ingredient
Industrial waste
Industrial product
Waste water

Other, specify

How much was spilled? QUANTITY UNITS
0 - 5 Gallons [X]
5 - 25 Pounds
25 - 100 Barrels
200 [X] 100 - 1000 Tons
1000 - 10000 Yards
> 10000 Other

How much if any has been collected or recovered?
0 - 5% 5 - 25% 25 - 75% 75 - 100%

Who is the party who owned or controlled the material prior to the spill?
Name of Company or individual Village of Thiensville Phone (414)-242-3720
Contact person Kristine Hinrichs Title Village Administrator
Address 250 Elm Street City Thiensville ST WI Zip 53092

Where did the spill or release occur?
Milwaukee Ozaukee [X] Sheboygan Washington
Waukesha Racine Kenosha Walworth

Municipality Township

Description (street address, mile marker, building, intersection, etc.)
120 W. Prinstadt Road, Thiensville

Has the substance reached any of the following?

	Yes	No		Yes	No
Storm sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Roadside ditch, culvert, or curb?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sanitary sewer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Surface water?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ground water?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Has this affected wildlife?  Yes  No  Unknown at this time

If yes, what?  Fish  Waterfowl  Mammals  Other

What kind? \_\_\_\_\_ How many? \_\_\_\_\_

Condition (dead, dying, disorientated, etc.) \_\_\_\_\_

What other agencies have been notified?

EPA  Coast Guard  National Response Center (NRC)

State Div. of Emergency Gov't  Fire Dept. \_\_\_\_\_

*Shiversville* Police/Sheriff Dept. \_\_\_\_\_

Health Dept. \_\_\_\_\_  Other \_\_\_\_\_

What was the Cause of release: *Vandalism - taps were removed & tipped over.*

Addn'l Comments: *Someone is coming to have the removed from site. Material has been tested. Next Wednesday removal. Consultant is going out to dig out soil, put soil in protective casings & have it tested.*

Referred to: \_\_\_\_\_

TELEPHONE LOG Site Visit

SITE NAME/ID#: Village of Thinsville

DATE/TIME: 2/21/91

CONTACT: Brian Bartling

TELEPHONE NUMBER: \_\_\_\_\_

COMPANY / AGENCY: Environmental Associates

SUMMARY:

I got a call from E.A. - Contamination was far more extensive than thought. Went to site. It turns out that when they were excavating soil from the drum spill - add'l contamination found.

The fire dept. used to fill up plastic lined pits with water and gasoline and practice putting them out.

There is a pond within 1200'

contaminants known present: MEK  
GASOLINE  
SOLVENTS

They were putting soil on plastic for possible thin spreading in future.

I told them to find out what is in it before they thin spread.

John Feerey

43 to Mequan (167) W  
to 57 (rt)  
to 2nd light go left off Friedstadt  
(rt) @ Post office to 1st Rd.

11/29/04 Village Administrator: Dianne S. Robertson