# 04-51-169092

WISCONSIN
DEPT. OF NATURAL RESOURCES

George E. Meyer, Secretary
William H. Smith, District Director

## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

NORTHWEST DISTRICT HEADQUARTERS
P.O. Box 309
State Hwy 70 West & First Street
Spooner, WI 54801

TELEFAX 715-635-4105

December 26, 1996

Mr. Tom Piaget
P.O. Box 386
Park Falls,WI 54552

Subject: Hazardous Substance Spill on September 20, 1996, at Georgia Pacific
City of Park Falls, Price County, Wisconsin

Dear Mr. Piaget:

Summit Envirosolutions submitted a report dated December 20, 1996. Based on this documentation, we believe that the diesel fuel contamination at the above-named site has been remediated in compliance with the requirements of ch. NR 708.09 Wis. Adm. Code. Therefore, the Department considers the case "closed," having determined that no further action is necessary at the site at this time.

However, the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare or the environment.

If you have any questions regarding this letter please feel free to call me at (715)635-4058.

Sincerely,

James A. Hosch
Northwest District Spills Coordinator

cc: Steve Donaldson - RR/3
Steve Johnson, Georgia Pacific, 115 Depot Road, Park Falls WI 54555

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**State of Wisconsin Substance Release Notification Form** 04-51-169092

**24-Hour Emergency Hotline Number: 1-800-943-0003** **Form 4400-91 Rev. 11-95**

| | |
|---|---|
| Date and Mil. Time of Incident 9-20-96 03:30 | Date and Mil. Time Reported 9-20-96 11:00 |

| | |
|---|---|
| Person Reporting Steve Johnson | Telephone # 715-339-2111 |
| Representing Agency, Firm, or Citizen Georgia Pacific Corp. | |
| Responsible Party Park Falls Hardwood | |
| Contact Name Unknown | Telephone # ( ) |
| Address 307 N. 5th Ave | City, State, Zip Code Park Falls WI |

| Substance Involved | Amount & Units Released | Amt. Recovered | Is this a 304 (11004 [illegible]) spill? |
|---|---|---|---|
| Diesel Fuel | 160 gals | | ☐ Yes ☐ No ☐ Unknown |

☐ Solid ☐ Semisolid ☑ Liquid ☐ Gas Color _____ Odor _____

Exact Location (inc. address, facility name, mileage, bldg. #, etc.)
Hwy 13

| | | |
|---|---|---|
| City Phillips, WI | County Price | Lat/Long |
| DNR Region NWD | [illegible] | Weather Cond. |

Cause of Incident

Semi Tractor / Trunk Rolled into Lake

**Spilled Substance Impact To:**
Check (✓) all that apply
☐ Air ☐ Potential
☐ Soil ☐ Potential
☐ Groundwater ☐ Potential
☑ Surface Water ☐ Potential
Name: Duroy Lake
☐ Storm Sewer ☐ Potential
☐ Sanitary Sewer ☐ Potential
☐ Concrete/Asphalt ☐ Potential
☐ Private Well ☐ Potential
☐ Contained/Recovered
☐ Other: _____

**Spill Source:**
☑ Transportation Accident, Fuel Supply Tank Spill
☐ Transportation Accident, Load Spill
☐ Industrial Facility ☐ Paper Mill ☐ Chemical Co.
☐ Ag Coop/Facility/Food Factory/Facility
☐ Gas/Service Station/Garage/Auto Dealer, Repair Shop
☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
☐ Public Property (city, state, church, school, etc.)
☐ Utility Co., Power Generating/Transfer Facility
☐ Private Property (home/farm)
☐ Construction, Excavation, Wrecking, Quarry, Mine
☐ Airport Facility ☐ Railroad Facility
☐ Other _____

**Action Taken By Spiller**
☐ No Action Taken
☐ No Action Needed
☐ Monitor
☑ Cleanup Method: Sorbents
☐ Waste Destination: _____
☐ Containment
☑ Contractor Hired
Name: RESCO
☐ Other: _____

Injuries? ☐ Yes ☑ No If yes, how many? ____ Has an evacuation occurred? ☐ Yes ☑ No Potential? ☐ Yes ☐ No

Are there any resource damages? ☐ Yes ☑ No ☐ Potential What kinds? _____

Other Agencies Notified (✓ first column if notified); Check (✓) both columns if on scene

| | | |
|---|---|---|
| ☐☐ Fire Department/Hazmat | ☐☐ Local DNR | ☐☐ EPA |
| ☑☑ Local Law Enforcement | ☐☐ Div. Emer. Gov. | ☑☐ Nat'l Resp. Ctr. 800-442-8802 |
| ☐☐ LEPC or Local Emer. Gov. | ☐☐ DATCP 608-224-4500 | ☐☐ Chemtrec 800-424-9300 |
| ☐☐ Regional Response Team | ☐☐ DHSS 608-266-2830 | ☐☐ Other _____ |

Incident Commander (if known): _____ Phone: _____

| | | |
|---|---|---|
| Prepared By (Print) Charlene Bezotte (Sign) Charlene Bezotte | Date 9-20-96 | Rpt'd to DATCP? ☐Yes ☐No |
| Person Notified: | Region Notified: Park Falls DEG Time: 11:05 | Date: 9-20-96 |
| Invstgtd By: (Print) (Sign) | Date: | Site Closed? ☑Yes ☐No |
| Spill Coordinator Signoff: [signature] | Date: 12/27/96 | Transferred to ERP? ☐No ☐Yes; Case # _____ |
| | | NFA Letter Sent? ☐Yes ☐No |
| | | Spill Packet Sent? ☐Yes ☐No |

☐ Additional Comments on Reverse

Summit Envirosolutions℠

RECEIVED
DEC 23 1996
DNR - SPOONER

December 20, 1996

Mr. Jim Hosch
Wisconsin Department of Natural Resources
810 West Maple Street
Spooner, Wisconsin 54801

Subject: Diesel Fuel Release
Midwest Hardwood Corporation
Georgia-Pacific Corporation Lionite Products Facility
Phillips, Wisconsin
Summit Project No. 961830

Dear Mr. Hosch:

On September 20, 1996, an estimated 90 gallons of diesel fuel were released from the saddle tanks of a semi-tractor at the subject site. The vehicle was operated by Midwest Hardwood Corporation (Midwest Hardwood). It apparently rolled off a ramp and struck a log or other object resulting in the diesel fuel release near the western shoreline of Lake Duroy. Some fuel leaked from the ruptured tanks into the lake for a short time, until the vehicle was removed from the lake. The release occurred at approximately 3:30 A.M. on September 20, 1996, at the Georgia-Pacific Corporation (Georgia-Pacific) Lionite Products facility in the City of Phillips, Wisconsin (Figures 1 and 2). The purpose of this report is to provide you with a summary of activities performed in response to the release. On the basis of the background information reviewed and the results of work performed at the site, Summit recommends that the file associated with this project be considered for closure.

The scope of services provided by Summit Envirosolutions®, Inc. (Summit) included the following:

- Visited the site to observe and verify the completion of remedial activities performed by Georgia-Pacific, DeLeasky Bros., Inc. (DeLeasky Bros.), and Waste Research and Reclamation Co., Inc. (WRR);
- Collected and screened soil samples obtained from the initial excavated area for indications of petroleum impacts using a photoionization detector (PID);

- Observed additional excavation of the remaining impacted soil;
- Collected soil samples from the area of the excavation for chemical analysis:
- Collected and screened soil samples from the stockpile of excavated soil;
- Submitted soil samples collected from the excavation and stockpile to a Wisconsin Department of Natural Resources (WDNR) certified laboratory for Diesel Range Organics (DRO) and Petroleum Volatile Organic Compounds (PVOC) analysis;
- Coordinated the transportation of the stockpiled soil to a WDNR approved soil treatment facility; and
- Prepared this report which includes background information, Summit field activities and project results, conclusions, and recommendations.

**Background Information**

On September 20, 1996, a semi tractor-trailer operated by Midwest Hardwood reportedly arrived at the Georgia-Pacific Lionite facility in Phillips, Wisconsin, to deliver a load of wood chips. It is our understanding that the driver backed the vehicle onto an elevated ramp and proceeded to unhook the trailer and unload. The tractor inadvertently rolled down the ramp, across a gravel road and over a log, before ending up partially submerged in Lake Duroy. The saddle tanks on the truck ruptured when the truck struck the log or some other object near the lake. The accident occurred at approximately 3:30 A.M. Night workers at the Georgia Pacific facility reportedly pulled the tractor from the lake and moved it approximately 100 feet from the edge of the lake within 15 minutes of the accident. Buckets were used to catch fuel as it leaked from the saddle tanks. Approximately 50 gallons of fuel were collected and transferred to drums for on-site storage.

The night foreman alerted Mr. Steve Johnson (Georgia-Pacific) of the incident at approximately 3:45 A.M. on the day of the release. Mr. Johnson subsequently contacted Georgia Pacific's corporate headquarters, the State Emergency Spill Response number, 911, and the National Spill Response Hotline. Between 4:00 and 5:00 A.M., Mr. Kendall Fredrick from the WDNR arrived on site to assess the situation.

At approximately 5:00 A.M., Mr. Vernon Adams of Georgia-Pacific contacted their environmental consultant, Cura, Inc. (Cura) out of Dallas, Texas. Cura subsequently began

contacting local emergency contractors to respond to the spill. Mr. Johnson then contacted a local contractor, DeLeasky Bros., for a backhoe.

At approximately 10:30 A.M. on the day of the release, Georgia-Pacific personnel directed DeLeasky Bros. to perform excavation activities and began collecting product from the lake using buckets and sorbent booms. Four representatives from WRR arrived at the site at approximately 12:45 P.M. Work performed by WRR reportedly included excavating diesel-impacted soil near the release site and placing sorbent booms and pads at several locations in the lake. WRR removed recovered materials from the site including: one 55-gallon drum of diesel-contaminated soil; one 55-gallon drum of product and water; and three 55-gallon drums of absorbent pads and booms. Approximately 28 cubic yards of excavated soil were stockpiled on site (Figure 2) and covered with plastic.

According to Mr. Tom Piaget of Midwest Hardwood, a total of 150 gallons of diesel fuel was stored in the two 100-gallon capacity saddle tanks. This quantity was estimated on the basis that the vehicle traveled approximately 250 miles from the last refueling location prior to the accident and its fuel consumption rate was 5 miles per gallon. The amount lost to the environment was estimated at 90 gallons, based on 50 gallons of product collected from the leaking tanks after the vehicle was pulled from the lake and approximately 10 gallons that were subsequently pumped out of the tanks.

**Summit Field Activities and Results**

Summit personnel visited the site on September 23, 1996 and met with Mr. Johnson regarding remedial efforts performed following the release. Soil samples were collected from the sidewalls and base of the excavation and were screened using an OVM PID Model 580B. The PID was equipped with a 10.6 electron volt lamp and calibrated with isobutylene balanced with air (1-C4H8/AIR) for direct reading in parts per million (ppm) of benzene on a volume basis.

Initial PID readings indicated that some petroleum-impacted soil remained near the eastern end of the excavation. On September 23 and 24, 1996, Summit observed the removal of approximately 5 additional cubic yards of impacted soil by Georgia-Pacific personnel. Soil samples screened following the additional excavation indicated that the majority of petroleum-impacted soil had been removed. Results of field screening of soil samples collected from the excavation are presented on Figure 3.

Two soil samples (S-1 and S-2) collected from the excavation basin (Figure 3) were submitted to an independent laboratory for chemical analysis. A background sample was collected away from the release area and submitted for chemical analysis as a comparative measure. In addition, soil samples were collected and screened from the stockpiled soil, and two of these samples (SP-1 and SP-2) were submitted for chemical analysis. PID readings obtained from the stockpiled soil

ranged from 21 to 45 ppm. The laboratory results from the samples collected from the excavated area (S-1 and S-2) indicated concentrations of DRO and PVOCs to be below method detection limits, with the exception of 70 parts per billion (ppb) 1,3,5-trimethylbenzene detected at the S-1 location. Soil samples collected from the stockpile (SP-1 and SP-2) indicated concentrations of DRO from 430 to 1,500 ppm. Benzene was not detected at concentrations at or above method detection limits in samples collected from the stockpile. Laboratory analytical results are attached.

Following approval from Mr. Johnson at Georgia-Pacific, stockpiled soil was transported to American Asphalt's facility located in Arnott, Wisconsin, for thermal treatment on October 8, 1996. As the attached document provided by American Asphalt indicates, soil treatment was completed on October 16, 1996. Summit was informed by Mr. Pete Blake of American Asphalt on October 23, 1996, that following treatment, soil was incorporated into asphalt mix on October 16, 1996.

On November 6, 1996, Georgia-Pacific personnel burned 60 gallons of diesel fuel that was recovered from the saddle tanks of the vehicle. Two letters prepared by Georgia-Pacific documenting the event are attached. Also attached are copies of a bill of lading and a certificate of disposal relating to the 5 drums of material disposed of by WRR.

**Conclusions**

It appears that the majority of the fuel released to the environment was recovered by activities performed on the day of the release including use of buckets and sorbent materials placed in Lake Duroy and by soil excavation. Impacts to Lake Duroy were minimized by action taken by Georgia-Pacific personnel to quickly remove the vehicle from the water, collect fuel as it leaked from the tanks, and by removal of product from the surface of the water. The initial excavation appeared to be effective in removing much of the petroleum-impacted soil. A relatively small quantity of additional soil was removed from the area three to four days after the release occurred. On the basis of results of field screening and chemical analysis of soil samples collected from the base of the excavation, the majority of petroleum-impacted soil appears to have been removed.

**Recommendations**

It is Summit's opinion that additional assessment and remedial activities do not appear to be warranted at this time.

Sincerely,

**Summit Envirosolutions, Inc.**

Paul B. Donovan
Project Engineer

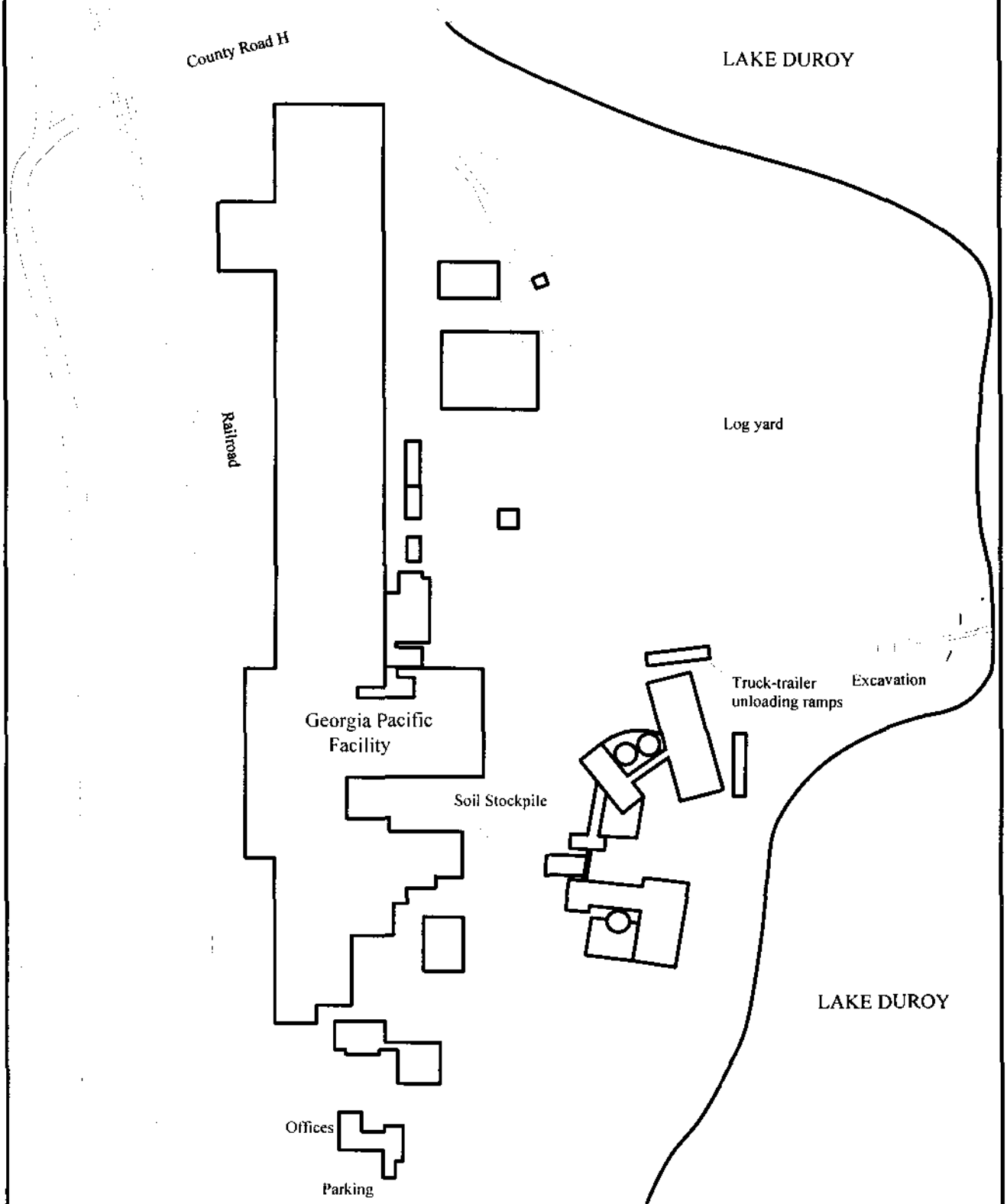
James W. Bakke
Project Manager

PBD/jwb

attachments

cc: Mr. Wally Wasko - WDNR - Park Falls, Wisconsin
Mr. Tom Piaget - Midwest Hardwood Corporation
Mr. Steve Johnson - Georgia-Pacific Corporation
Mr. John Burdge - Cura, Inc.

SUMMIT ENVIROSOLUTIONS




| | | |
|---|---|---|
| **APPROXIMATE SCALE:**<br>0 — 160 — 320<br>**ONE INCH = 160 FEET** | NORTH | **FIGURE 2**<br>**SITE MAP**<br>**PHILLIPS WISCONSIN SPILL SITE**<br>**PHILLIPS, WISCONSIN**<br>**SUMMIT PROJECT NO. 961830** |
| **REMARKS:**<br>Map adapted from Georgia Pacific Facility map. | **DATE:**<br>OCTOBER<br>1996 | |
| **DRAWN BY: PBD** **REVIEWED BY: JWB** | | |

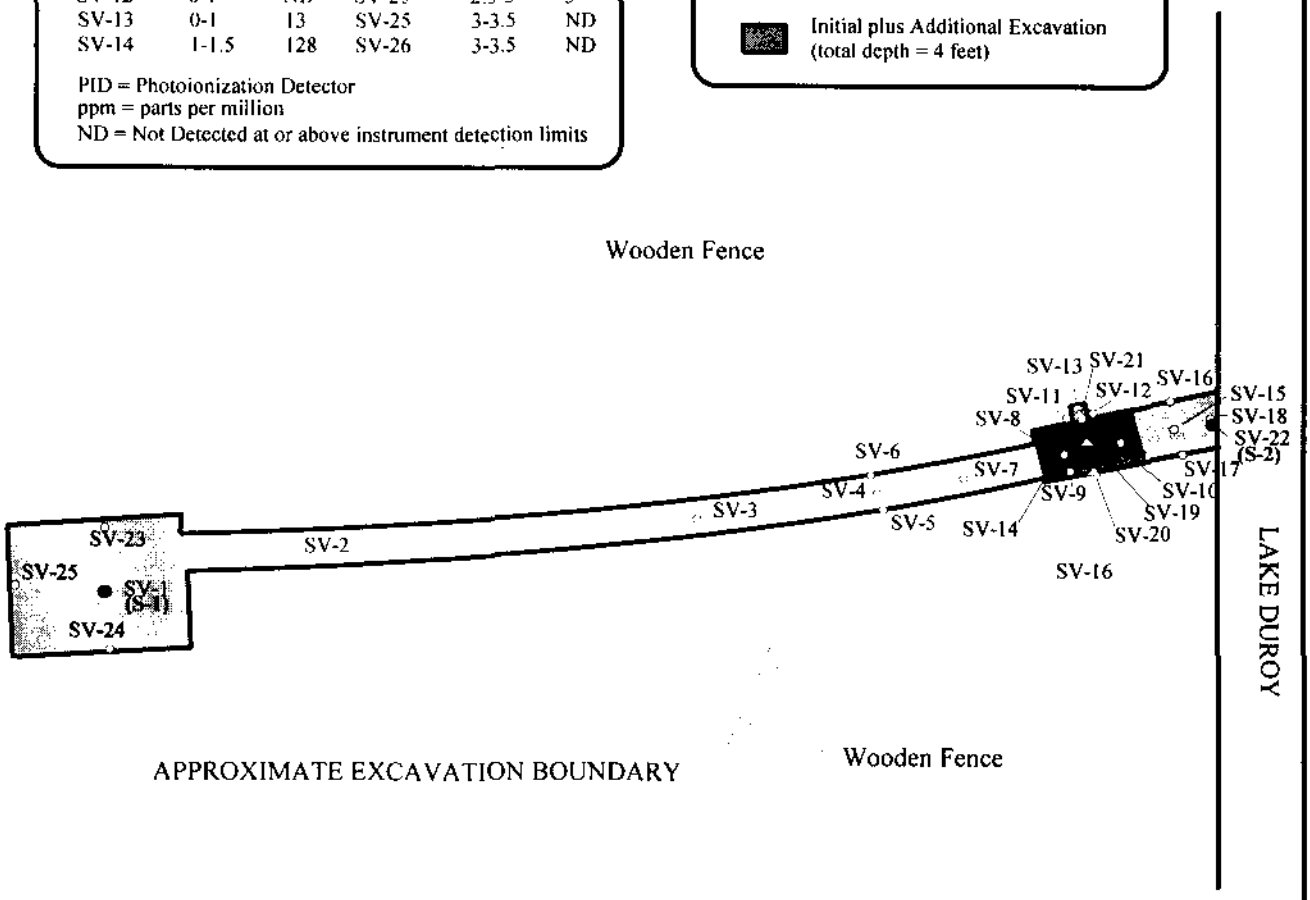
SOIL VAPOR SAMPLE RESULTS

| Sample Location | Depth in feet | PID (ppm) | Sample Location | Depth in feet | PID (ppm) |
|---|---|---|---|---|---|
| SV-1 | 2.5-3 | ND | SV-15 | 1.5-2 | ND |
| SV-1 | 3-3.5 | ND | SV-16 | 1.5 | ND |
| SV-2 | 0-0.5 | ND | SV-17 | 1.5 | ND |
| SV-3 | 0-0.5 | ND | SV-18 | 1-1.5 | ND |
| SV-4 | 0-0.5 | ND | SV-19 | 2.5-3 | 24 |
| SV-5 | 0-0.5 | ND | SV-19 | 3-3.5 | 17 |
| SV-6 | 0-0.5 | ND | SV-19 | 3.5-4 | 6 |
| SV-7 | 0-0.5 | ND | SV-20 | 2.5 | ND |
| SV-8 | 0-0.5 | 128 | SV-21 | 1-1.5 | 4 |
| SV-9 | 0-0.5 | 117 | SV-22 | 0.5-1 | ND |
| SV-10 | 0-0.5 | 130 | SV-23 | 2.5-3 | ND |
| SV-10 | 0.5-1 | 121 | SV-24 | 2-2.5 | ND |
| SV-10 | 1-1.5 | 24 | SV-24 | 2.5-3 | ND |
| SV-10 | 1.5-2 | 34 | SV-25 | 1.5-2 | ND |
| SV-11 | 0-1 | ND | SV-25 | 2-2.5 | 8 |
| SV-12 | 0-1 | ND | SV-25 | 2.5-3 | 5 |
| SV-13 | 0-1 | 13 | SV-25 | 3-3.5 | ND |
| SV-14 | 1-1.5 | 128 | SV-26 | 3-3.5 | ND |

PID = Photoionization Detector
ppm = parts per million
ND = Not Detected at or above instrument detection limits

**LEGEND**

- SV-2 — Soil Vapor Sample Location
- SV-22 (S-2) — Soil Vapor and Laboratory Analytical Sample Location
- SV-20 — Soil Vapor Sample Locations During and After Additional Excavation Activities
- Initial Excavation (depth = 2 feet)
- Initial Excavation (depth = 0-0.5 feet)
- Initial plus Additional Excavation (total depth = 4 feet)




● SV-26 (background)

**APPROXIMATE SCALE:**
0 — 20 — 40
ONE INCH = 20 FEET

NORTH

**REMARKS:**
Map adapted from Summit field sketch.

**DRAWN BY: PBD REVIEWED BY: JWB**

**DATE:** OCTOBER 1996

**FIGURE 3**

**SOIL VAPOR SAMPLE LOCATION MAP**

**PHILLIPS WISCONSIN SPILL SITE**
**PHILLIPS, WISCONSIN**
**SUMMIIT PROJECT NO. 961830**

EN CHEM INC.

*. . . chemistry for the environment*

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX:414-469-8827

Lab Certification No. 405132750
Location : PHILLIPS WI SPILL / #961830
En Chem Proj# : 9609519
Date Reported : 10/02/1996

Report to: SUMMIT ENVIROSOLUTIONS

Thank you for using En Chem! Samples were analyzed according to strict EPA or Wisconsin DNR methodology. Any comments or problems associated with the receipt of or analysis are reported below:

The PQL for the PVOC analysis is 60 ug/kg for those samples with a dilution factor of 50. Detection limits are corrected for percent solids for those parameters that were detected.

Sample nos. 199112-199113: PVOC chromatogram has many low level peaks.

Sample no. 199114: Complex chromatogram on PVOC analysis with many late eluting peaks. This is indicative of DRO fuel contamination, heavy oils, or of weathered gasoline.
Peaks late in DRO window and beyond DRO window; along with some baseline rise. Mainly diesel range peaks present.

Sample no. 199115: Complex chromatogram on PVOC analysis with many late eluting peaks. This is indicative of DRO fuel contamination, heavy oils, or of weathered gasoline.

Sample no. 199116: Peaks late in DRO window and beyond DRO window; along with some baseline rise.

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1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX:414-469-8827

Lab Certification No. 405132750
Location : PHILLIPS WI SPILL / #961830
Your Sample ID: 09231330
Sample Desc. : S1(3-3.5' BGS)
Sample Matrix : SOIL Date Collected: 09/23/1996
En Chem Proj# : 9609519 Date Received : 09/26/1996
En Chem Lab # : 199112 Date Reported : 10/02/1996

Report to: SUMMIT ENVIROSOLUTIONS
10201 WAZATA BLVD
SUITE 100
MINNEAPOLIS, MN 55305

Bill to: SUMMIT ENVIROSOLUTIONS

| Analysis | Parameter | Result | Units | Detection Limit | Prep Method | Prep Date | Analysis Method | Analysis Date | Analyze By |
|---|---|---|---|---|---|---|---|---|---|
| TOTSOLID | Total Solids | 89 | percent | | | | SM2540G | 09/30/1996 | PHS |
| PVOC-S-ME | Benzene | ND | ug/kg | 25 | | 09/30/1996 | SW846 8020 | 10/01/1996 | BSJ |
| | Ethyl Benzene | ND | ug/kg | 25 | | | | | |
| | Methyl-tert-butyl ether | ND | ug/kg | 25 | | | | | |
| | Toluene | ND | ug/kg | 25 | | | | | |
| | 1,2,4-Trimethylbenzene | ND | ug/kg | 25 | | | | | |
| | 1,3,5-Trimethylbenzene | 70 | ug/kg | 28 | | | | | |
| | Xylenes, m + p | ND | ug/kg | 25 | | | | | |
| | Xylene, o | ND | ug/kg | 25 | | | | | |
| | a,a,a-Trifluorotoluene (SS) | 101 | % recov | 1 | | | | | |
| DRO-S | Diesel Range Organics(DRO)-Soil | ND | mg/kg | 4.3 | | 09/27/1996 | WDNR MOD DRO | 09/28/1996 | PHS |
| | Soil spike | 86 | % RECOV | 50 | | | | | |
| | Soil spike duplicate | 86 | % RECOV | 50 | | | | | |

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

J. Duncan

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. . . chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX:414-469-8827

Lab Certification No. 405132750
Location : PHILLIPS WI SPILL / #961830
Your Sample ID: 09240900
Sample Desc. : S2(1' BGS)
Sample Matrix : SOIL Date Collected: 09/24/1996
En Chem Proj# : 9609519 Date Received : 09/26/1996
En Chem Lab # : 199113 Date Reported : 10/01/1996

Report to: SUMMIT ENVIROSOLUTIONS
10201 WAZATA BLVD
SUITE 100
MINNEAPOLIS, MN 55305

Bill to: SUMMIT ENVIROSOLUTIONS

| Analysis | Parameter | Result | Units | Detection Limit | Prep Method | Prep Date | Analysis Method | Analysis Date | Analyzed By |
|---|---|---|---|---|---|---|---|---|---|
| TOTSOLID | Total Solids | 65 | percent | | | | SM2540G | 09/30/1996 | PHS |
| VOC-S-ME | Benzene | ND | ug/kg | 25 | | 09/30/1996 | SW846 8020 | 09/30/1996 | BSJ |
| | Ethyl Benzene | ND | ug/kg | 25 | | | | | |
| | Methyl-tert-butyl ether | ND | ug/kg | 25 | | | | | |
| | Toluene | ND | ug/kg | 25 | | | | | |
| | 1,2,4-Trimethylbenzene | ND | ug/kg | 25 | | | | | |
| | 1,3,5-Trimethylbenzene | ND | ug/kg | 25 | | | | | |
| | Xylenes, m + p | ND | ug/kg | 25 | | | | | |
| | Xylene, o | ND | ug/kg | 25 | | | | | |
| | a,a,a-Trifluorotoluene (SS) | 99.7 | % recov | 1 | | | | | |
| RO-S | Diesel Range Organics(DRO)-Soil | ND | mg/kg | 5.9 | | 09/27/1996 | WDNR MOD DRO | 09/28/1996 | PHS |
| | Soil spike | 86 | % RECOV | 50 | | | | | |
| | Soil spike duplicate | 86 | % RECOV | 50 | | | | | |

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

J. Duraccan

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EN CHEM INC.

. . . chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX:414-469-8827

Lab Certification No. 405132750
Location : PHILLIPS WI SPILL / #961830
Your Sample ID: 09241000
Sample Desc. : SP1
Sample Matrix : SOIL Date Collected: 09/24/1996
En Chem Proj# : 9609519 Date Received : 09/26/1996
En Chem Lab # : 199114 Date Reported : 10/02/1996

Report to: SUMMIT ENVIROSOLUTIONS
10201 WAZATA BLVD
SUITE 100
MINNEAPOLIS, MN 55305

Bill to: SUMMIT ENVIROSOLUTIONS

| Analysis | Parameter | Result | Units | Detection Limit | Prep Method | Prep Date | Analysis Method | Analysis Date | Analyze By |
|---|---|---|---|---|---|---|---|---|---|
| TOTSOLID | Total Solids | 91 | percent | | | | SM2540G | 09/30/1996 | PHS |
| VOC-S-ME | Benzene | ND | ug/kg | 25 | | 09/30/1996 | SW846 8020 | 10/01/1996 | BSJ |
| | Ethyl Benzene | ND | ug/kg | 25 | | | | | |
| | Methyl-tert-butyl ether | ND | ug/kg | 25 | | | | | |
| | Toluene | ND | ug/kg | 25 | | | | | |
| | 1,2,4-Trimethylbenzene | 390 | ug/kg | 27 | | | | | |
| | 1,3,5-Trimethylbenzene | 230 | ug/kg | 27 | | | | | |
| | Xylenes, m + p | 92 | ug/kg | 27 | | | | | |
| | Xylene, o | 98 | ug/kg | 27 | | | | | |
| | a,a,a-Trifluorotoluene (SS) | 101 | % recov | 1 | | | | | |
| DRO-S | Diesel Range Organics(DRO)-Soil | 430 | mg/kg | 17 | | 09/27/1996 | WDNR MOD DRO | 09/29/1996 | PHS |
| | Soil spike | 86 | % RECOV | 50 | | | | | |
| | Soil spike duplicate | 86 | % RECOV | 50 | | | | | |

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

J. Duncan

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EN CHEM INC.

. . . chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750
Location : PHILLIPS WI SPILL / #961830
Your Sample ID: 09241015
Sample Desc. : SP2
Sample Matrix : SOIL Date Collected: 09/24/1996
En Chem Proj# : 9609519 Date Received : 09/26/1996
En Chem Lab # : 199115 Date Reported : 10/02/1996

Report to: SUMMIT ENVIROSOLUTIONS
10201 WAZATA BLVD
SUITE 100
MINNEAPOLIS, MN 55305

Bill to: SUMMIT ENVIROSOLUTIONS

| Analysis | Parameter | Result | Units | Detection Limit | Prep Method | Prep Date | Analysis Method | Analysis Date | Analyzed By |
|---|---|---|---|---|---|---|---|---|---|
| TOTSOLID | Total Solids | 60 | percent | | | | SM2540G | 09/30/1996 | PHS |
| VOC-S-ME | Benzene | ND | ug/kg | 100 | | 09/30/1996 | SW846 8020 | 10/01/1996 | BSJ |
| | Ethyl Benzene | 430 | ug/kg | 170 | | | | | |
| | Methyl-tert-butyl ether | ND | ug/kg | 100 | | | | | |
| | Toluene | 300 | ug/kg | 170 | | | | | |
| | 1,2,4-Trimethylbenzene | 3200 | ug/kg | 170 | | | | | |
| | 1,3,5-Trimethylbenzene | 900 | ug/kg | 170 | | | | | |
| | Xylenes, m + p | 1200 | ug/kg | 170 | | | | | |
| | Xylene, o | 680 | ug/kg | 170 | | | | | |
| | a,a,a-Trifluorotoluene (SS) | 100 | % recov | 1 | | | | | |
| DRO-S | Diesel Range Organics(DRO)-Soil | 1500 | mg/kg | 60 | | 09/27/1996 | WDNR MOD DRO | 09/29/1996 | PHS |
| | Soil spike | 86 | % RECOV | 50 | | | | | |
| | Soil spike duplicate | 86 | % RECOV | 50 | | | | | |

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

J. Duranceau

Printed on Recycled Paper

EN CHEM INC.

. . . chemistry for the environment

1795 Industrial Drive
Green Bay, WI 54302
414-469-2436
800-7-ENCHEM
FAX: 414-469-8827

Lab Certification No. 405132750
Location : PHILLIPS WI SPILL / #961830
Your Sample ID: 09241100
Sample Desc. : BACKGROUND(3' BGS)
Sample Matrix : SOIL Date Collected: 09/24/1996
En Chem Proj# : 9609519 Date Received : 09/26/1996
En Chem Lab # : 199116 Date Reported : 10/01/1996

Report to: SUMMIT ENVIROSOLUTIONS
10201 WAZATA BLVD
SUITE 100
MINNEAPOLIS, MN 55305

Bill to: SUMMIT ENVIROSOLUTIONS

| Analysis | Parameter | Result | Units | Detection Limit | Prep Method | Prep Date | Analysis Method | Analysis Date | Analyzed By |
|---|---|---|---|---|---|---|---|---|---|
| TOTSOLID | Total Solids | 68 | percent | | | | SM2540G | 09/30/1996 | PHS |
| VOC-S-ME | Benzene | ND | ug/kg | 25 | | 09/30/1996 | SW846 8020 | 09/30/1996 | BSJ |
| | Ethyl Benzene | ND | ug/kg | 25 | | | | | |
| | Methyl-tert-butyl ether | ND | ug/kg | 25 | | | | | |
| | Toluene | ND | ug/kg | 25 | | | | | |
| | 1,2,4-Trimethylbenzene | ND | ug/kg | 25 | | | | | |
| | 1,3,5-Trimethylbenzene | ND | ug/kg | 25 | | | | | |
| | Xylenes, m + p | ND | ug/kg | 25 | | | | | |
| | Xylene, o | ND | ug/kg | 25 | | | | | |
| | a,a,a-Trifluorotoluene (SS) | 99.7 | % recov | 1 | | | | | |
| DRO-S | Diesel Range Organics(DRO)-Soil | 15 | mg/kg | 4.9 | | 09/27/1996 | WDNR MOD DRO | 09/29/1996 | PHS |
| | Soil spike | 86 | % RECOV | 50 | | | | | |
| | Soil spike duplicate | 86 | % RECOV | 50 | | | | | |

"ND" Indicates no detectable analyte at or above the listed detection limit. All results reported on a dry weight basis. All subcontracted analyses are performed by Wisconsin DNR certified laboratories.

These results have been reviewed and their authenticity verified by:

Printed on Recycled Paper

Company Name: Summit Envirosolutions, Inc
Branch or Location: MINNEAPOLIS
Project Contact: JIM BAKKE
Telephone: (612) 595-8888
Project Number: 961830
Project Name: Phillips WI Spill
Project Location: Phillips WI
Sampled By (Print): PBD
Regulatory Program (circle): UST RCRA CLP SDWA NPDES/WPDES CAA NR_____ Other_____

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
414-469-2436 • 1-800-736-2436
FAX 414-469-8827

Date: 9/24/96

NR720 Confirmation Analysis Required? Contact Jim Bakke after analysis
(En Chem will confirm unless otherwise instructed.)

Page ____ of ____

Mail Report To: JIM BAKKE
Company: Summit Envirosolutions, Inc.
Address: 10201 Wayzata Blvd. Suite 100
Minneapolis, MN 55305
Invoice To:
Company: AS ABOVE
Address:
P.O. No.: Quote No.: 2927

SHADED AREA FOR LABORATORY USE ONLY

| Field ID | Sample Description | Collection Date | Collection Time | Field Screen | Matrix | Filt'd Y/N | Preserv* | Analysis Requested | Good Cond. | Total Bottles | Comments | Laboratory Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09231310 | - S1 (3 3.5 bg) | 9/23/96 | 13:30 | | SOIL | N/A | A/F* | DRO, PVOCs | | 1-402 plas. 1-202 1-202/M | | 199112 |
| 09240900 | - S2 (1 bg) | 9/24/96 | 9:00 | | | | | DRO, PVOCs | RA | 1-402 plast. 1-202 1-202/M | | 199113 |
| 09241000 | - SP1 | 9/24/96 | 10:00 | | | | | DRO, PVOCs, TCLP Benzene | | 1-402 plast. 1-402 1-202 1-202/M | | 199114 |
| 09241015 | - SP2 | 9/24/96 | 10:15 | | | | | DRO, PVOCs, TCLP Benzene | | | | 199115 |
| 09241100 | - Background (3 bg) | 9/24/96 | 11:00 | | | N/A | | DRO, PVOCs | | | | 199116 |

* 20 ml of methanol preservative added to bottles by Avicon Labs as a preservative for samples needing PVOCs analysis

* —— REQUEST FIVE DAY TURNAROUND —— 10/4/96

O.K.'d by Barb P. 9/24/96

***Preservation Code**
A=None B=HCL C=H2SO4
D=HN03 E=EnCore F=Methanol**
G=NaOH O=Other (Indicate)

**If not using En Chem's methanol, indicate volume of methanol added and mark the appropriate samples.

| Relinquished By: | Date/Time: | Received By: | En Chem Project No. |
|---|---|---|---|
| [signature] | 9/24/96-1545 | [signature] | 9609519 |
| [signature] | 9/25/96-1248 | [signature] | Sample Receipt Temp. (Must be rec'd at 4°C) |
| [illegible] | 9/26/96 12 noon | Received By (En Chem): [signature] 9/26/96 12N | ROI 2 |

## CONTAMINATED SOILS TRACKING FORM

Name of Plant: 2

Location: 4807 CUSTER RD ARNOTT, WI

Job Number: 6028

Generator of Soils: MIDWEST NORTHERN - GEORGIA PACIFIC

Copies of Soil Test Analysis? YES (Must be on record @ plant)

Pounds of VOC: 108.08 GRO: 0.0 ppm DRO: 965.0 ppm

Soil Type: SAND

Processing Information:

Est. Tons: 56
Est. Days to Remediate: 0.20

| Date | Tons Received |
|---|---|
| 10/8/96 | 46.52 |
| | |
| | |
| | |
| | |

| Total Tons Received |
|---|
| 46.52 |

| Date | Production Rate | Magnehelic Readings | Temperature Readings | Tonnage |
|---|---|---|---|---|
| 10-16-96 | 300 | 9-10 | 300 | 46.52 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Date of Completion:

10-16-96

832 Highway 153 East
MOSINEE, WI 54455

SOLD TO: GEORGIA PACIFIC

| TIME | DATE | CUSTOMER NO. | TRUCK NO. | MATERIAL | PLANT | TICKET NO. |
|---|---|---|---|---|---|---|
| | | | | | | |

| PRODUCT-NAME/LOAD # - ACCUMULATED TOTALS (TONS) | | |
|---|---|---|
| | | 24.76 |

| TRUCK WEIGHT IN TONS | | |
|---|---|---|
| GROSS | TARE | NET |
| | | 13.15 |
| | 26740 | 26300 |

DRIVER Pete DeLeachy RECV'D. BY _____

ORIGINAL

NOT RESPONSIBLE FOR LOADS DELIVERED BEHIND THE CURE

**AMERICAN ASPHALT**
832 Highway 153 East
MOSINEE, WI 54455

SOLD TO:

| TIME | DATE | CUSTOMER NO. | TRUCK NO. | MATERIAL | PLANT | TICKET NO. |
|---|---|---|---|---|---|---|
| | | | | | | |

| PRODUCT-NAME/LOAD # - ACCUMULATED TOTALS (TONS) | | |
|---|---|---|
| | | 35.35 |

| TRUCK WEIGHT IN TONS | | |
|---|---|---|
| GROSS | TARE | NET |
| | | 10.59 |
| | 28000 | |
| | | 21180 |

DRIVER _____ RECV'D. BY _____

Wayne DeLeachy

ORIGINAL

NOT RESPONSIBLE FOR LOADS DELIVERED BEHIND THE CURE

AMERICAN ASPHALT
832 Highway 153 East
MOSINEE, WI 54455

SOLD TO: GEORGIA PACIFIC

| TIME | DATE | CUSTOMER NO. | TRUCK NO. | MATERIAL | PLANT | TICKET NO. |
|---|---|---|---|---|---|---|
| | | | | | | |

| PRODUCT-NAME/LOAD # - ACCUMULATED TOTALS (TONS) | | |
|---|---|---|
| | | 11.61 |

| TRUCK WEIGHT IN TONS | | |
|---|---|---|
| GROSS | TARE | NET |
| | | 11.61 |
| | 27840 | 23220 |

DRIVER _____ RECV'D. BY _____

Wayne Peasley

ORIGINAL

NOT RESPONSIBLE FOR LOADS DELIVERED BEHIND THE CURB.

**AMERICAN ASPHALT**
832 Highway 153 East
MOSINEE, WI 54455

SOLD TO:

| TIME | DATE | CUSTOMER NO | TRUCK NO. | MATERIAL | PLANT | TICKET NO. |
|---|---|---|---|---|---|---|
| | | | | | | |

| PRODUCT-NAME/LOAD # - ACCUMULATED TOTALS (TONS) | | |
|---|---|---|
| | | 46.52 |

| TRUCK WEIGHT IN TONS | | |
|---|---|---|
| GROSS | TARE | NET |
| | | 11.17 |
| | 26800 | 22340 |

DRIVER Pete Peasley RECV'D. BY _____

**Georgia-Pacific Corporation**

*Specialty Manufacturing and S*
*Lionite Products*
*Highway 13*
*P.O. Box 138*
*Phillips, Wisconsin 54555-013*
*Phone: (715) 339-2111*

November 19, 1996

Mr. Jim Bakke
Summit Envirosolutions
10201 Wazata Blvd., Suite 100
Minneapolis, MN 55305

Dear Jim:

Enclosed is a copy of the letter informing the Wisconsin DNR of our intent to burn the fuel recovered from the 9-20-96 accident. This oil was burned in our boiler on November 6, 1996.

If you need anything else, please call me at (715) 339-2111

Sincerely,

Steve Johnson
Technical Director

715-838-7624

# CERTIFICATE OF DISPOSAL

This certifies that WRR Environmental Services Co., Inc. has properly disposed of the following waste(s) in accordance with all applicable Federal, State, and local laws, ordinances, and regulations.

COMPANY: MIDWEST HARDWOOD CORP
PO BOX 386
PARK FALLS, WI 54552
ATTN: JOHN BURDGE

GENERATOR (IF DIFFERENT): PARK FALLS HARDWOOD-SPILL AT GEORGIA PACIFIC

MANIFEST #(S): B/L
LOAD #(S): 63838
DATE: 9/20/96

| MATERIAL | ID# | QTY | METHOD OF DISPOSAL |
|---|---|---|---|
| PADS AND BOOMS | RSP9634 | 3 DRMS | ENERGY RECOVERY-SOLIDS |
| DIESEL AND SOIL | RSP9634 | 1 DRM | OTHER STABILIZATION(ASPHALT PLANT) |
| WASTE AND DIESEL | RSP9634 | 1 DRM | AQUEOUS ORGANIC, THIN FILM EVAPORATION, STEAM STRIPPING, BIOLOGICAL/CARBON ABSORPTION |

Thank you for the opportunity to serve you.

Signed: Steven P. Gilbertson Date: NOV 25 1996
Steven P. Gilbertson, Production Manager

10-04-96P02:27 RCVD

PLEASE PRINT

# State of Wisconsin Substance Release Notification Form

**24-Hour Emergency Hotline Number: 1-800-943-0003** — **Form 4400-91 Rev. 11-95**

| Date and Mil. Time of Incident | Date and Mil. Time Reported |
|---|---|
| 3:25 AM | 4:20 AM |

| | |
|---|---|
| **Person Reporting** Lignite (G-P) | **Telephone #** ( ) |
| **Representing Agency, Firm, or Citizen** | |
| **Responsible Party** Park Falls Hardwoods / Lignite | |
| **Contact Name** Steve Johnson / Lignite | **Telephone #** (715) 339-2111 |
| **Address** 115 Depot Rd. | **City, State, Zip Code** Phillips, WI. 54555 |

| Substance Involved | Amount & Units Released | Amt. Recovered | Is this a 304 (11004 42 USC) spill? |
|---|---|---|---|
| #2 Diesel Fuel | 100 Gals. | — | ☐ Yes ☐ No ☐ Unknown |

☐ Solid ☐ Semisolid ☒ Liquid ☐ Gas Color _____ Odor _____

**Exact Location** (inc. address, facility name, mileage, bldg. #, etc.) Back side of 115 Depot Rd. Lignite Mill & Duroy LK.

| City | County | Lat/long |
|---|---|---|
| Phillips | Price | |
| **DNR Region** Northern | ¼ ¼sec T NR (E/W) | **Weather Cond.** Clear w/ Neast wind |

**Cause of Incident** Semi-Tractor Rolled down Ramp w/o Driver & Rolled into Lake Duroy.

**Spilled Substance Impact To:**
**Check (✓) all that apply**
- ☐ Air ☐ Potential
- ☒ Soil ☐ Potential
- ☒ Groundwater ☐ Potential
- ☒ Surface Water ☐ Potential
  Name: _____
- ☐ Storm Sewer ☐ Potential
- ☐ Sanitary Sewer ☐ Potential
- ☐ Concrete/Asphalt ☐ Potential
- ☐ Private Well ☐ Potential
- ☐ Contained/Recovered
- ☐ Other: _____

**Spill Source:**
- ☐ Transportation Accident, Fuel Supply Tank Spill
- ☐ Transportation Accident, Load Spill
- ☒ Industrial Facility ☐ Paper Mill ☐ Chemical Co.
- ☐ Ag Coop/Facility/Food Factory/Facility
- ☐ Gas/Service Station/Garage/Auto Dealer, Repair Shop
- ☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
- ☐ Public Property (city, state, church, school, etc.)
- ☐ Utility Co., Power Generating/Transfer Facility
- ☐ Private Property (home/farm)
- ☐ Construction, Excavation, Wrecking, Quarry, Mine
- ☐ Airport Facility ☐ Railroad Facility
- ☐ Other _____

**Action Taken By Spiller**
- ☐ No Action Taken
- ☐ No Action Needed
- ☐ Monitor
- ☐ Cleanup Method: _____
- ☐ Waste Destination: _____
- ☐ Containment
- ☒ Contractor Hired
  Name: Bay West
- ☐ Other: _____

**Injuries?** ☐ Yes ☒ No **If yes, how many?** ____ | **Has an evacuation occurred?** ☐ Yes ☒ No **Potential?** ☐ Yes ☒ No

**Are there any resource damages?** ☐ Yes ☐ No ☒ Potential **What kinds?** ?

**Other Agencies Notified (✓ first column if notified); Check (✓) both columns if on scene**

| | | |
|---|---|---|
| ☐ ☒ Fire Department/Hazmat | ☐ ☒ Local DNR | ☐ ☐ EPA |
| ☐ ☒ Local Law Enforcement | ☐ ☐ Div. Emer. Gov. | ☐ ☐ Nat'l Resp. Ctr. 800-442-8802 |
| ☐ ☒ LEPC or Local Emer. Gov. | ☐ ☐ DATCP 608-224-4500 | ☐ ☐ Chemtrec 800-424-9300 |
| ☐ ☐ Regional Response Team | ☐ ☐ DHSS 608-266-2830 | ☐ ☐ Other _____ |

**Incident Commander, if known:** _____ **Phone:** _____

| | | |
|---|---|---|
| **Prepared By:**(Print) Ken Frederick (Sign) Kenneth Frederick **Date:** 9-20-96 | | **Rpt'd to DATCP?** ☐Yes ☐No |
| **Person Notified:** Ken Frederick | **Region Notified:** Northern **Time:** 4:30 PM **Date:** 9-20-96 | |
| **Invstgtd By:**(Print) Ken Frederick (Sign) Ken Frederick **Date:** 9-20-96 | | **Site Closed?** ☐Yes ☐No |
| **Spill Coordinator Signoff:** **Date:** | **Transferred to ERP?** ☐No ☐Yes; Case # _____ | **NFA Letter Sent?** ☐Yes ☐No<br>**Spill Packet Sent?** ☐Yes ☐No |

☐ Additional Comments on Reverse

PLEASE PRINT

State of Wisconsin Substance Release Report (Con't)
Form 4400-91 Rev. 11-95

04-51-169092 addon
Closed

| Date and Military Time of Incident | Responsible Party |
|---|---|

Additional Comments:

Unmanned tractor Rolled down Ramp & into Edge of Lake Darox. Approx. 140 Gals of Fuel in Saddle tanks of which approx. 100 gals Leaked out into both Lake Darox & onto Soil. Truck Pulled from water within 15 min's. of Accident. No visual oil could be Seen on water at approx 5:00 Am. Probably Dispered Due to wave Action & Current. Soil at site may need to be excavated, Lignite Called Bay West out at St. Paul & they are Sending over a team Due in the Am of 9-20-96.

Driver: James H. Barbeau II (8-1-72) Ins:

Park Falls Hardwoods
P.O. Box 384
P.K.F., WI. 54552
715-762-5600

Great west. Cos.
100 W. 29th St.
So. Sault City NE.
68776
402-494-2411.

Lignite ~~#2~~ Diesel 04-51-169029

Midwest Hard Corp.
DBA Rock Falls Hards.
~~DBA~~

P.O. Box 316
PKF. WI
715-762-5600
Jane H. Barbeau II
8-1-72 Lic. T5 5265

INS:
Great west Cas.
1100 W. 29th St.
402-494-2411
So. Sioux City NE.
68776