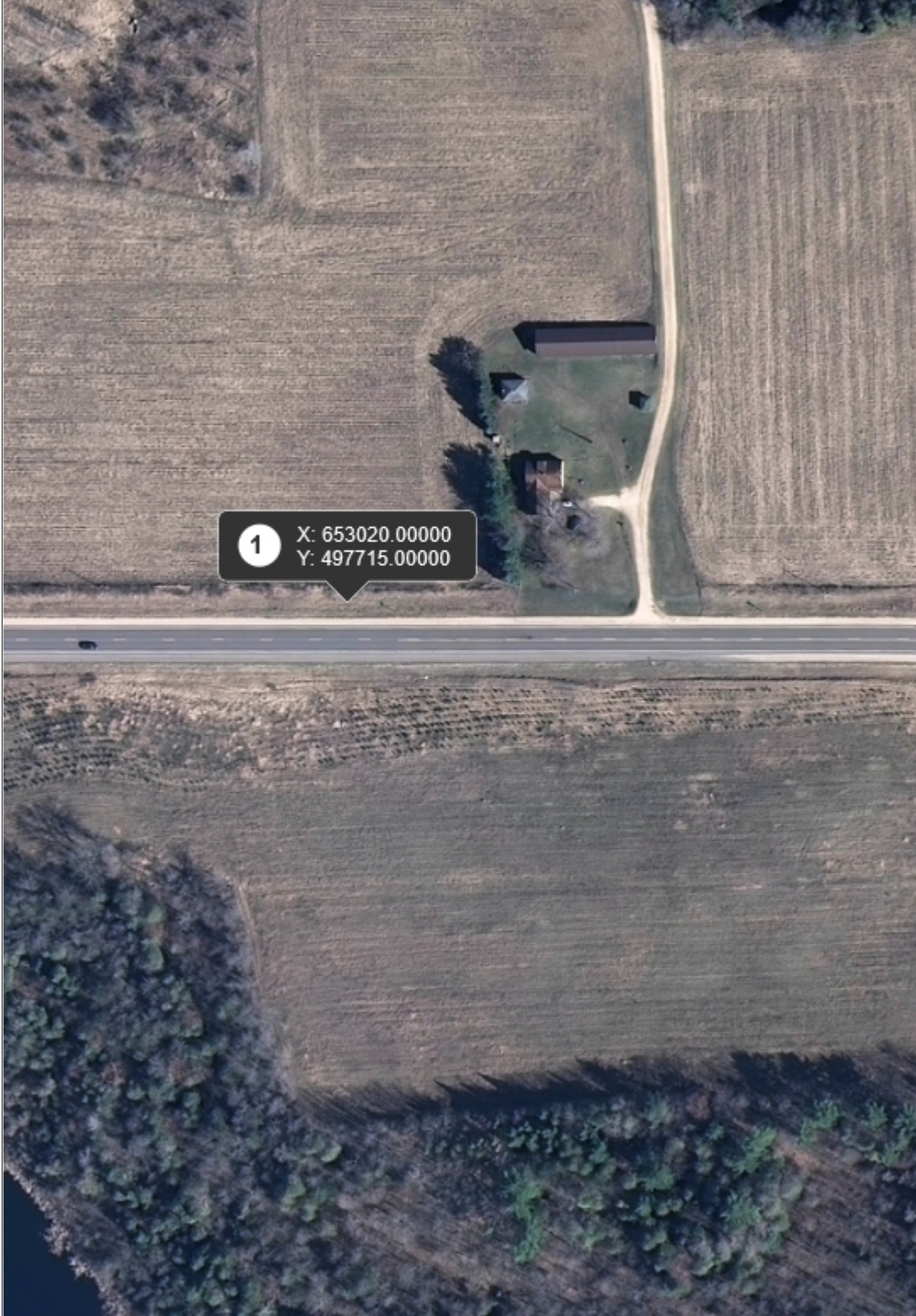




20161106NE43-1



Legend

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)
- Municipality
- State Boundaries
- County Boundaries
- Major Roads**
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads**
 - County HWY
 - Local Road
- + Railroads
- Tribal Lands

0.1 0 Distance / 2 0.1 Miles

1: 1,980



NAD_1983_HARN_Wisconsin_TM

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

Note: *Not all sites are mapped.*

Notes

mgs - 2-may-2017

Zahns' Farms LLC
Manure or Hazardous Material Spill Accident Worksheet

See Below, Owner/Manager
11620 County Rd H
Gillett, WI 54124

Bob Zahn	Home: 920-855-6515
Bob Zahn	Cell: 920-606-9830
Justin Zahn	Cell: 920-606-9831
Ray Miller	Cell: 920-606-9843

DNR Hazardous Spill Line 1-800-943-0003

Picture Information – Provide pictures of spill site before cleanup and after cleanup, see attached.

Spill Information

Date and time of the spill: 11/6/16 approximately 12pm

Spill Location: State Hwy 32 just West of Valley Line Road and East of Klaus Lake Road

Where Spill Material was Ultimately Deposited: Liquid and Solid Manure/Contaminated soil that was cleaned up from the spill was spread on Zahn's field RH-125. I have attached a map of location of the spill and the field it was spread on.

Property Owners Name: Lois Hansen

Individuals Involved: Zahn's Tanker Driver was heading north bound on Hwy 32 with loaded tanker to field site. Lost control on curve and went into ditch on the north side of Hwy 32 as the road turned west bound, Cleanup Crew- Justin & Jacob Zahn

Material Spilled: Liquid manure:

Quantity of Spill: Tanker was approximately 7,000 gallons full at the time of accident. Approximately 6,000 gallons spilled out of the tanker. This spilled manure was either sucked up by Zahn's Vacuum Truck, or scooped up on 11/6/16 by the pay loader or the return cleanup on 11/8/16. There was 4,800 gallons that was transferred to a Manure tanker from the vacuum truck that was spilled in the ditch along Hwy 32 and spread on field RH-125 on approximately 1 acre of the field. Approximately 400 gallons was scooped out of the ditch with a pay loader, along with this manure was contaminated soil from the ditch and was scooped up by the pay loader as well. This semi solid or solid manure was loaded in Zahn's Box spreader and spread on field RH-125 as well on about another 3 acres, this contaminated soil was about 5 ton of soil. There was approximately 600 gallons that moved out into the wheat field adjacent to the road ditch, the farm did scoop up the majority of this manure but did not want to negatively affect the neighbors growing winter wheat crop. The manure that did reach the field did not move more than a few car lengths and did not impact anything else close by. (6,000 gallons total spilled- 5,000 gallons vacuumed (manure & Water from washing road) on 11/6/16, 400 gallons scooped on 11/6/16 from ditch, 600 gallons scooped on 11/6/16

from contaminated field on Hwy 32, 1,000 gallons still in the tanker was vacuumed out as well and spread on Field RH-125 on 11/6/16, 200 gallons scooped on 11/8/16)

Casey Jones contacted Bob Zahn on 11/8/16 that the site needed a little more cleanup. Bob relayed the message to Justin and he returned to the spill site on Hwy 32 to clean up the ponded manure and contaminated soil. Justin used the pay loader and manure spreader to clean up the remaining portion of the spill. At that point Justin cleaned up approximately 1000 pounds of contaminated soil along with 200 gallons of remaining ponded manure.

All contaminated soil was collected and land spread as well as straw was placed in the road ditch after the spill was cleaned up on the location of the spill site.

Actions Taken to Stop the Release or Minimize the Impact: Dirt berms were placed in the road ditch on either side of the spill within a few minutes to prevent any manure from running, fortunately no manure got anywhere close to the dirt berms. Zahn's vacuum truck was there within 10 min of the spill as were fire and rescue officials. There was a small amount of manure (less than 50 gallons) that was spilled on the road and the fire department washed that off of the road immediately. Which was vacuumed up by Zahn's truck as well (couple hundred gallons).

Potential Impact to Human Health and the Environment: Approximately 1/10th of an Acre was impacted in the neighbor's winter wheat field. The closest residence was approximately 150-200 feet away from the spill and a possible intermittent stream was approximately 700 feet away. Zahn's did a quick and excellent job of cleanup.

Pictures are attached of the spill, cleanup and completion.

Spill report completed by Bill Schaumberg, Tilth Agronomy 920-475-3312

Zahn Manure Spill Time line

All Times approximate:

Accident occurred 12:00pm on 11/6/16

Ambulance arrival 12:10pm

Justin Zahn with Pickup truck 12:15pm

Fire Dept. 12:20pm

Justin left scene about 12:25pm from site back to the farm to get the farm's Vacuum Truck and returned to scene with Vacuum Truck about 12:35pm- before leaving the scene Justin assessed the situation and determined that no manure was moving off of the site of the accident

At 12:45pm Justin started to suck up manure from the overturned tanker as well as in the ditch

At 1pm the County Hwy Department also arrived and place two dirt berms on either side of the spill just to make sure that nothing ran from the site during clean up

Wrecker arrived at 1:15pm to start to load the semi-Truck and tanker out of the ditch

DOT officials arrived shortly thereafter about 1:30pm to assess the situation

Finally the power company arrived around 2pm to fix and replace the power poles that were involved in the accident

Justin was on site from arrival about 12:15pm to about 4pm when DOT officials determined that the scene needed to be cleared for the day to prevent any further accidents, but could be resumed the next day

During that 3 hour period of clean up vacuum truck and pay loader as well as manure spreader were used to clean up spill and spread it in the field (Field RH-125).

On 11/8/16 Bob Zahn was advised by DNR staff (Casey Jones) to return to site and clean site a little more. Bob then relayed the message to Justin to return to the spill site to finish clean up. Justin did scrape more contaminated soil and ponded manure from spill site and spread it in the field (Field RH-125) to make sure all contaminated soil was cleaned up. Then Justin spread straw over the site to stabilize the ground.















THE POWER OF
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State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



November 8, 2016

Zahn's Farms LLC
Attn: Robert Zahn
11568 CTH H
Gillett, WI 54124

Spill Reference: 20161106NE43-1 Manure Spill

Date of Spill: 11/6/2016

Dear Mr. Zahn:

The Wisconsin Department of Natural Resources ("Department") was notified that a hazardous substance spill occurred on the date and location referenced above. You have received this correspondence because based on the available information the Department believes you are responsible for addressing the hazardous substance spill under Section 292.11 Wisconsin Statutes. Wisconsin Statute 292.11(3) states:

"A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state."

Note, s.292.01(5)Wis.Stats., "Hazardous substance" means any substance or combination of substances including any waste of a solid, semisolid, liquid or gaseous form, which may cause or significantly, contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness or which may pose a substantial present or potential hazard to human health or the environment because of its quality, concentration, physical, chemical or infectious characteristics. This term includes, but is not limited to, substances that are toxic, corrosive, flammable, irritants, strong sensitizers or explosives as determined by the department.

Further, s.292.11(3)Wis. Stats., "Discharge" means, but is not limited to spilling, leaking, pumping, pouring, emitting, emptying, or dumping.

This letter describes the legal responsibilities of a person who is responsible under Section 292.11 Wisconsin Statutes, the spill law, and explains what you need to do clean up the spilled material and "minimize the harmful effects" of any remaining contamination. A description of general spill response procedures and lists of treatment and disposal facilities are attached. You have 45 days from the time the spill was reported to complete this task and send us documentation and proof of what you did to comply.

See NR 708 Wisconsin Admin. Code: <http://www.legis.state.wi.us/rsb/code/nr/nr708.pdf> for detailed response requirements. More information on the Spill Program and Spill Response is available at the Department internet site: <http://dnr.wi.gov/topic/spills/>.

The Department recommends you obtain the services of an environmental contractor and/or consultant who can properly manage this clean-up and knows how to help you to comply with the law. A list of environmental consultants and spill contractors that respond to spills is attached to this letter. A more

complete list is available at <http://dnr.wi.gov/files/PDF/pubs/rr/RR024.pdf>. Environmental consultants and contractors can also be located through the internet and local phone directory.

Based on the information available about the spill and the actions taken by you to clean up the spill, the Department will determine if further investigation or cleanup is necessary. Do not wait for Department approval to take appropriate action, but do contact us if you have questions or need other assistance. If you want a formal written response from us for a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code.

It is important that you keep the Department informed of your actions to clean up this spill. We prefer to work cooperatively with people to work through these events and get these projects done. Please know that failure to provide documentation of your actions is a violation of Wisconsin Administrative Code requirements and may result in enforcement actions against you. Please send all correspondence to DNR NER Spills Coordinator at the address on the above letterhead.

The Department appreciates your quick action to initial actions to address this situation. If you have any questions regarding this notification or Wisconsin's requirements for spill cleanup, please contact Ted Amman at 608-215-9648 or Theodore.Amman@wisconsin.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard R. Jett".

NER Spill Coordinator (acting)
Wisconsin Department of Natural Resources

Spill Response Contractors Sorted by City (April 2015)*

MSA Professional Services	Baraboo	608-356-2771
Clean Harbors	Butler	800-645-8265
Stantech	Crivitz	715-854-3360
Schroeder Environmental Cleaning	De Pere	920-435-1773
Barr Engineering	Duluth, MN.....	218-529-8208
Bay West Inc	Duluth, MN.....	800-279-0456
Environmental Troubleshooters	Duluth, MN	218-722-6013
MSA Professional Services	Duluth, MN	218-722-3915
West Central Environmental Consultants.....	Duluth, MN	888-923-2778
WRR (Waste Research/RESCO)	Eau Claire	800-669-4162
Meridian Environmental Consulting	Fall Creek	715-832-6608
Engle & Associates	Fond du lac	920-929-9279
Future Environmental	Franklin	414-761-9421
Terracon	Franklin	414-423-0255
West Central Environmental Consultants.....	Fridley, MN	800-422-8356
North Shore Environmental	Germantown	262-255-4468
Veolia Special Services	Germantown	800-688-4005
AECOM	Green Bay	920-468-1978
DeBroux Custom Work (Manure)	Green Bay	920-655-4517
Endeavor Environmental	Green Bay	920-437-2997
Stantech	Green Bay	800-85400606
OSI Environmental	Kaukauna	920-759-0252
Braun Intertec	LaCrosse	800-856-2098
METCO	LaCrosse	800-552-2932
SCS (BT2).....	Madison	608-224-2830
Seymour Environmental	McFarland	608-838-9120
PSC Industrial Cleaning	Menomonee Falls.....	312-485-0806
Stantech	Mequon	262-241-4466
AECOM	Middleton	608-836-9800
SET Environmental	Middleton	877-437-7455
AECOM	Milwaukee	414-944-6080
Sigma Environmental	Milwaukee	414-643-4200
John's Repair & Towing (petroleum only).....	Neenah.....	920-720-0084
SET Environmental	Oak Creek	877-437-7455
AECOM	Oshkosh	920-235-0270
MSA Professional Services	Rhineland	715-362-3244
Sand Creek Consultants	Rhineland	715-365-1818
Trans Environmental	Rockford, IL	815-885-4840
Central Wisconsin Engineers	Schofield	715-359-9400
AECOM	Sheboygan	920-458-8711
AECOM	Stevens Point	715-341-8110
Doug's Trucking & Excavating	Strum	715-695-2933
Natural Resource Engineering	Superior	715-399-3250
REI Engineering Inc	Wausau	877-734-7745
Chief Industrial Services	Winneconne	920-582-7596
PSC Industrial Cleaning	Wisconsin Rapids.....	715-423-5700
Wenck Response Services	Woodbury, MN	800-368-8831

*This list is for public reference only. It does not include all available service providers nor does inclusion in this list imply a recommendation of the firms listed over others not listed. There is no certification for environmental companies in Wisconsin. This list is not an endorsement by the WDNR.

Landfills

Landfill Name	City	Telephone
Outagamie County Landfill	Appleton	920-832-5277
Sauk County Landfill	Baraboo	608-524-6515
Valley Trail Landfill	Berlin	920-361-4995
Jackson County Sanitary Landfill	Black River Falls	715-284-2262
Green County Landfill	Brodhead	608-897-8605
Timberline Trail	Bruce	715-868-7000
Mar-Oco Landfill	Crivitz	715-732-7535
Mallard Ridge Landfill	Delavan	262-724-3257
Superior Seven Mile Landfill	Eau Claire	715-839-5096
Brown County Transfer Station	Green Bay	920-492-4950
Veolia Es Hickory Meadows Landfill	Hilbert	920-853-8553
Glacier Ridge Landfill	Horicon	920-387-0987
Rock County Landfill	Janesville	608-755-3128
Kewaunee County Landfill (Balefill)	Kewaunee	920-388-2223
Dane County Landfill #2	Madison	608-266-4029
Mar-Oco Landfill	Marinette	715-732-7535
Lincoln County Landfill	Merrill	715-536-9636
Monroe County Landfill	Norwalk	608-269-8783
La Crosse County Landfill	Onalaska	608-785-9572
Winnebago Cnty Sunnyview Landfill	Oshkosh	920-232-1810
Northwoods Sanitary Landfill	Rice Lake	715-458-4565
Lake Area Disposal	Sarona	715-469-3356
Shawano Cnty Landfill	Shawano	715-526-3512
Madison Prairie/Waste Mgt Landfill	Sun Prairie	608-837-9031
Vernon County Landfill	Viroqua	608-634-2900
Deer Track Park Landfill	Watertown	920-699-3475
Wmwi – Ridgeview Landfill	Whitelaw	920-732-4473
Cranberry Creek Landfill	Wis Rapids	715-421-3966
Cranberry Creek Landfill	Wisconsin Rapids	715-421-3966

Thermal Treatment Plant/Asphalt Plants

Plant Name	City	Telephone
Eau Claire Asphalt Corporation	Eau Claire	715-835-4858
Clark County Hwy. Department	Neillsville	715-743-3680
Mathy Construction	Eau Claire	608-783-6411
Monarch Paving Company	Wausau	715-693-5200
American Asphalt of Wisconsin	Mosinee	715-693-5200
D. L. Gasser Construction, Inc.	Lake Delton	608-254-8333
Monarch Paving Company	New Richmond	715-268-2687
Trempealeau County Highway Dept.	Whitehall	715-538-2311
American Asphalt of Wisconsin	Wausau	715-693-5200
BACCO Construction Company	Iron Mt., MI	906-774-2616
Eau Claire Asphalt Corporation	Eau Claire	715-835-4858
Lakehead Blacktop & Materials of Superior	Superior	715-392-3844
Mathy Construction Company, Plants	Onalaska	608-783-6411
Monarch Paving Company	Wausau	715-693-5200
Pitlik & Wick Contractors	Eagle River	715-479-7488
Rusk County Hot Mix Plant	Ladysmith	715-532-2633
Senn Blacktop Inc./Twin City Materials, Inc.	Chippewa Falls	715-723-7928

GENERAL SPILL RESPONSE PROCEDURES

A quick response to a spill is necessary to reduce damage to your property, to neighboring properties, and to the environment. The more promptly a spilled substance is removed from the environment, the easier and less costly it is to clean up. The following list identifies some of the work activities that should be completed during a spill response.

Site Security:

- Restrict access of non-essential personnel to the site or facility.
- Identify any immediate dangers or risks to people in the area.
- Take appropriate safety measures to protect on-site personnel and the general public.

On-site Spill Assessment:

- Identify the material(s) spilled. Shipping papers and Material Safety Data Sheets (MSDS) are examples of sources for this information.
- Identify, mitigate and continue to monitor fire, explosion and vapor hazards, including venting of enclosed areas.
- Estimate the quantity of how much has been spilled. If this is not possible, determine the largest volume that may have been lost (e.g. the size of the container).
- Identify any on-site or nearby environmentally sensitive areas such as surface waters, wetlands, drainage ditches, drinking water wells, etc.

Containment:

- Prevent further discharges and contamination to the environment.
- Surface Waters: Every effort must be made to prevent petroleum and other chemicals from entering surface waters (storm sewers, ditches, lakes, and streams). If petroleum has entered water, absorbent booms and dikes must be used to prevent it from getting into the main flow of a stream or lake. The responsible party must monitor dikes and replace the booms as necessary.
- Ground Water: If the potential exists for ground water impact, the responsible party must immediately retain an environmental consultant to evaluate the site and submit a site investigation work plan to the Department of Natural Resources petroleum spills project manager in that area.
- Contain, control, and remove contaminated materials. Such actions may include, but are not limited to:
 - Soaking up liquids with absorbents (See Attachment for a listing of absorbent suppliers).
 - Using skimmers or other mechanical collectors for floating solids or liquids.
 - Using vacuum dredging for sunken solids or liquids.
 - Aerating contaminated waters and soils.
 - Excavating, treatment, storage or disposal of contaminated soil, and
 - Installing recovery trenches or wells for collection of free product.
 - Conduct a visual inspection of soils or groundwater at the site or facility to identify areas of obvious contamination.
 - Protect the spilled materials from weather conditions that may affect the chemical state, composition, or movement of the hazardous substance.

CLEANING UP THE SPILLED SUBSTANCE AND CONTAMINATED SOIL

To ensure that your clean up complies with Wisconsin's laws and rules, we recommend you hire a trained professional environmental consultant who understands what needs to be done. (See attached list of emergency spill contractors.) You may conduct the spill response clean up on your own. However, please be aware that the following requirements, regulations, and permits may apply.

SOIL EXCAVATION

Soil excavation may be required if any of the spilled material has seeped into the ground. If the spill has just occurred, you may be able to visually inspect the ground for signs of contamination and require soil removal as necessary. In larger spills or spill incidents that are several days old, a consultant must be retained to define the vertical and lateral extent of the contamination. Laboratory samples may be necessary, depending on the type and quantity of material involved in the spill. Additional sampling guidance can be obtained from the Regional Spills Coordinator.

SOIL REMOVAL PERMIT REQUIRED ALONG HIGHWAYS

The Department of Transportation (DOT) requires a permit whenever clean up involves work on a DOT right-of-way. Generally this applies only to major spills where a private contractor (rather than the County Highway Department) is involved. DOT wants to ensure that signing, traffic control and shoulder/road repairs are completed safely and legally. DOT wishes to emphasize that they will not delay a clean up while the permit is being processed, but that a courtesy call to them will help expedite proper restoration of the traffic corridor and the environment. Contact should also be made with local law enforcement authorities for directions on traffic control during clean up.

TRANSPORTATION OF CONTAMINATED SOIL/HAZARDOUS WASTE

A solid waste collection and transportation service operating license is required under NR 502.06 WI Adm. Code whenever excavated contaminated soils are transported. (See exception below) For more information on transportation of contaminated soil/hazardous waste contact the Northern Region Spills Coordinator. Exception: Responsible parties may transport contaminated soil in their own vehicles without a soil waste collection and transportation operating license, if the contaminated soil is hauled to a licensed solid waste storage, treatment or disposal facility.

SOIL DISPOSAL

Soil disposal is usually accomplished through land filling, biopiles, or incineration. (See the attached lists of approved facilities for these options.) Analytical sampling and testing is generally required prior to receiving approval for disposal of the soil.

If the release or spilled hazardous substance is a known petroleum product, a Department employee may be able to work with you and a nearby landfill, asphalt plant or thermal treatment unit to have the petroleum contaminated soil immediately transported to the facility for temporary storage, treatment or disposal. In this situation, the attached "Preapproval Statement for Processing Petroleum Contaminated Soil in Landfills, Asphalt Plants or Thermal Treatment Units" shall be signed by a Department employee.

SOIL STORAGE or TEMPORARY STOCKPILING OF CONTAMINATED SOIL may be required if the responsible party must wait for soil testing results or is unable to immediately locate a disposal site. Soil can be stored in a covered dump truck, covered roll-off box, or on an impermeable base such as 6mm plastic, asphalt, or concrete and covered with 6-mm plastic secured against the weather. A berm must be constructed around the stockpile to contain runoff.

DOCUMENTING YOUR SPILL RESPONSE

The responsible party shall send a report (both paper version and electronic version) summarizing their response activities to DNR Northeast Regional Spills Coordinator within 45 days of the incident. The following information shall be included in the spill response summary:

- A statement expressing the purpose of the submittal and the desired department action or response.
- Name, address, and telephone number of the responsible parties.
- Date and time of the release, spill, or discharge.
- Location of the site or facility, or discharge incident, including street address and municipality; quarter-quarter section; and legal description of lot if located in platted areas.
- The type and amount of hazardous substance discharge (best estimate).
- Actions taken to stop, contain, and clean up the spill.
- Sketch of the site or a map indicating relevant features (e.g. area of spill, tanks, streams, storm drains, etc.)
- Results of any sampling conducted to confirm the adequacy of the response.
- Documentation of treatment or disposal (landfill receipts, scale tickets, shipping papers, disposal records)
- Any other information that the department considers relevant.

Please send an electronic version of the report to Ted Amman at Theodore.Amman@wisconsin.gov **AND** paper copy to WDNR, ATTN: Ted Amman, 2984 Shawano Ave, Green Bay WI 54313.

A more comprehensive list of information to be submitted can be found in NR 708.05(6) WI Adm. Code

From the final report, the department shall decide if additional work is required. The decision for further work will be based on the criteria listed in NR 708.09 Wis. Adm. Code. If further work is needed, the department will notify you in a letter. At that time, an environmental consultant may have to be hired to perform the work.

Basic permits and requirements have been outlined above. If you have other questions regarding your required spill response and clean up, please contact the Regional Spills Coordinator.

