



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Dale T. Urso, District Director

North Central District Headquarters
PO Box 818, 107 Sutliff Ave.
Rhineland, WI 54501-0818
TELEPHONE 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

June 27, 1996

NCD UID #: 91

Mr. Roger Kemp
2206 N 6th St
Wausau, WI 54401

Subject: Kemp Service Center, 2206 N 6th St, Wausau, WI

Dear Mr. Kemp:

The Department of Natural Resources provided a notice to you that the degree and extent of gasoline contamination at the above-named site was required to be investigated and remediated.

On December 30, 1993, the above-named case file was reviewed by the Department for a determination as to whether or not the case qualified for close out under ch. NR 726, Wis. Adm. Code.

Based on the investigative and remedial documentation provided to the Department, it appears that the gasoline contamination at the above-named site has been remediated in compliance with the requirements of chs. NR 700 to 724, 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, please call me at 715-365-8990.

Sincerely,
NORTH CENTRAL DISTRICT

Janet Kazda
North Central District Closeout Committee

→ cc: File

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
NORTH CENTRAL DISTRICT
Case Summary and Close-Out

(FOR DEPARTMENT USE ONLY)

Reviewers	Approval Signature for Closure	Date
Bill Dobbins*		
Archie Wilson		
Scott Watson		
Connie Antonuk	<i>Connie Antonuk</i>	<i>12/30/93</i>

*only on sites with wells within 1,200 feet

DNR PROJECT MANAGER: Unassigned
 CLOSURE PREPARED BY: Deb Ringel DATE: 12/14/93

IF PREPARED BY NON-DEPARTMENT STAFF, PLEASE COMPLETE THE FOLLOWING INFORMATION.

Affiliation with responsible party: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone Number: _____

Roger Kemp Service St.

GENERAL SITE INFORMATION:

Case/FID#/UID#: UID # 91

Site Name: Kemp Service
 Address: 2202 6th Street
 City: Wausau State: WI Zip: ~~54401~~ 54403

Legal Description: 1/4____, 1/4____, Sec____, Tn____, R____(E)
 Tnshp/Vill/City: Wausau
 County: Marathon

Site Contact: Roger Kemp
 Address: same as above
 City: _____ State: _____ Zip: _____
 Phone Number: _____

Date of Incident: Unknown Date Reported: 7/30/89

Contamination Type (General Description): Petroleum products from under-ground storage tank.

GENERAL SITE INFORMATION (CONT'):

Amount Released: unknown

Department Permits Closed Out? Yes ___ No ___ Not Applicable X

Enforcement Actions Closed Out? Yes ___ No ___ Not Applicable X

Geologic Setting (General Description) Not provided

Depth to Groundwater: Unknown

Was Contamination Present In (Soils, Groundwater, Other) Before Remediation: Soils

DEGREE OF CONTAMINATION FOR SOILS

WAS SOIL CONTAMINATION PRESENT? YES X NO ___ (If no, continue to groundwater section)

Extent Defined (Yes, No): <u>Yes</u>	
Analysis (Lab, Field, No Data): (If no data available, please explain) <u>Lab & Field (see attached lab data)</u>	
Number of Sample Points: <u>10</u>	Number of Sampling Rounds: <u>1</u>
Background Levels:	
Analysis Attached (Yes, No): <u>Yes</u>	
Remedial Action Taken: <u>Over-excavation of contaminated soils based on field screening.</u>	
Excavated Soils	
Final Disposal Method: <u>Hitlick and Wick Incorporation in asphalt</u>	
Final Disposal Location: <u>Hitlick and Wick, Eagle River</u>	
Soil Disposal Form Completed : Yes <u>X</u> , No. _____ (PLEASE ATTACH COPY)	

SOIL (Complete below or attach data)

NOTE: If analytical methods other than those outlined in the current L.U.S.T. Analytical Guidance are used, please note the information below.

Contaminant	Pre-remediation Sample Date _____	Highest Field Data Sample Date _____	Post Remediation Sample Date _____	Applicable Standards	Detection Limits
See attached analytical					

Comments:

DEGREE OF CONTAMINATION FOR GROUNDWATER

WAS GROUNDWATER CONTAMINATION PRESENT? YES___ NO X (If no, continue to next section)

Extent Defined (Yes, No):
Analysis (Lab, Field): (If no data available, please explain)
Groundwater Monitoring: <i>Permanent Wells</i> : Yes___, No___, #____; Abandoned Yes___, No___, #____, Forms submitted Yes___, No___, #____. <i>Temporary Wells</i> : Yes___, No___, #____; Abandoned Yes___, No___, #____, Forms submitted Yes___, No___, #____.
Number of Sampling Rounds:
Has groundwater analysis been attached? Yes___, No___.
Remedial Action Taken:
Remedial Action Completed: Yes___, No___ (If no, please provide documentation)
Has this site been remediated to current groundwater standards?: Yes___, No___ (If no, please provide documentation)

GROUNDWATER (Complete below or attach data)

NOTE: If analytical methods other than those outlined in the current L.U.S.T. Analytical Guidance are used, please note the information below.

Contaminant	Pre-remediation Sample Date ____	Highest Field Data Sample Date ____	Post Remediation Sample Date ____	Applicable Standards	Detection Limits

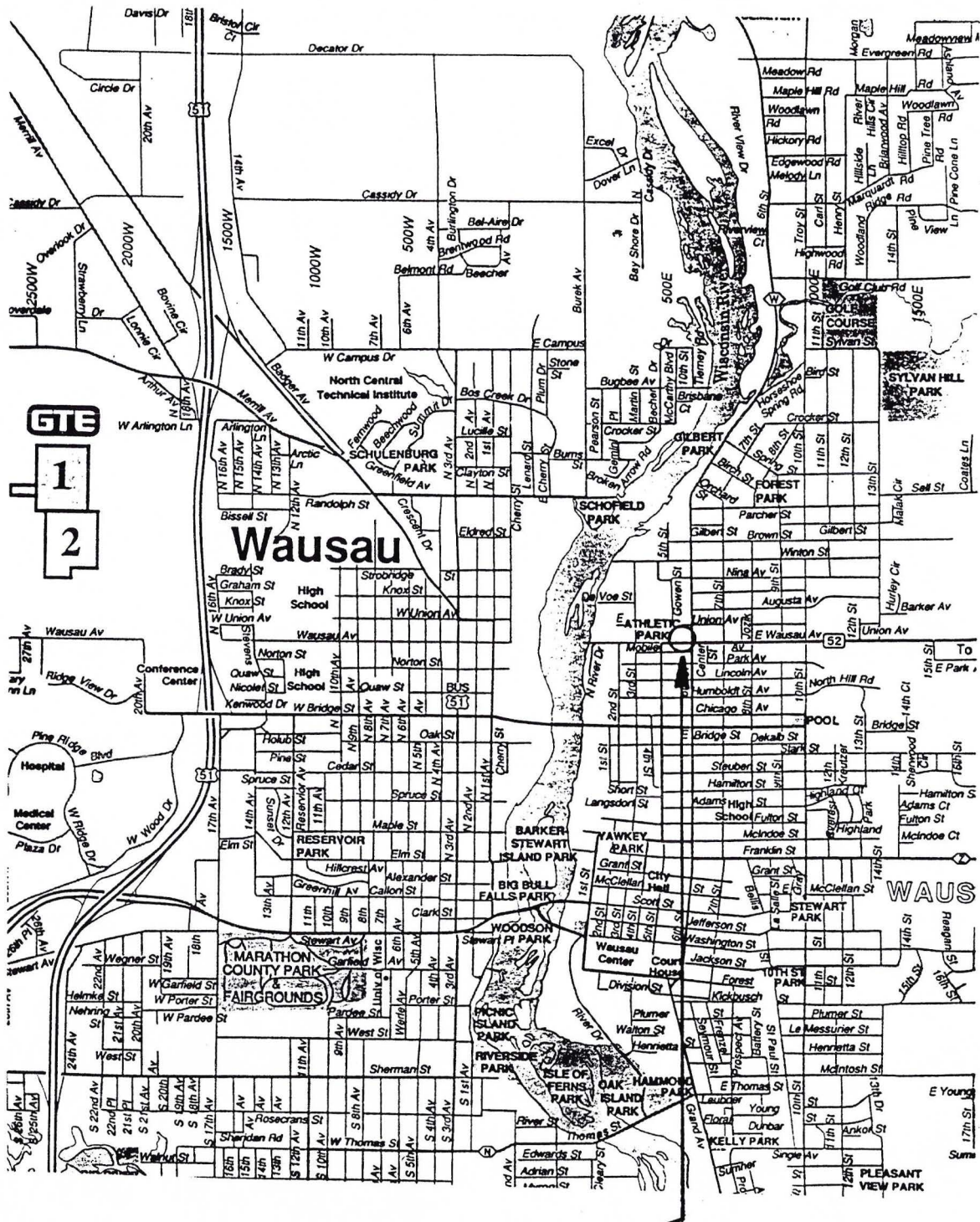
Comments:

Please Attach the Following Information:

- Location Map and Site Map
- Cross-section Map, If Applicable
- Map of Public/Private Wells Within 1,200 Foot Radius

Narrative Summary of Case: (attach additional sheets as needed)

The tanks at this site were removed in July of 1989. See enclosed information for specifics.



SITE LOCATION

SITE LOCATION

KEMP SERVICE CENTER
TANK CLOSURE / SITE ASSESSMENT
WAUSAU, WISCONSIN

CENTRAL WISCONSIN
ENGINEERS, INC.

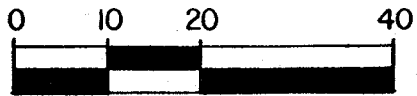
Scale:
Drawn: A.S.
Approved: H.Z.G.R.
Date: 10/89

FIGURE 1



PROJECT 82389

SCALE, FT.



KEMP SERVICE CENTER

300 GAL. TANKS

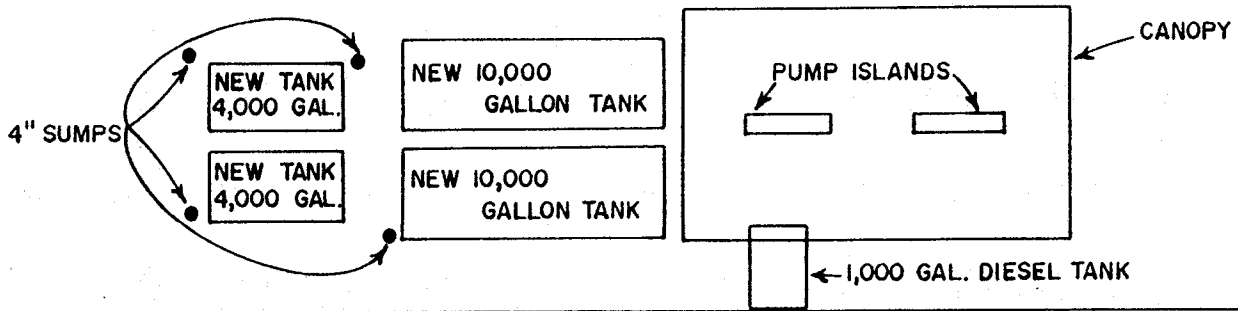
110 GAL. TANKS

SIGN

1 2

3 4

N. SIXTH ST.



SITE PLAN

KEMP SERVICE CENTER
TANK CLOSURE / SITE ASSESSMENT
WAUSAU, WISCONSIN



Scale: 1" = 20'
Drawn: J.L.
Approved: H.Z., G.P.
Date: 9/89

FIGURE 2
PROJECT 82389

FIELD INVESTIGATION

The tank removal was initiated July 20, 1989 by Northwest Petroleum Service, Inc. Northwest Petroleum personnel supervised the excavation, conducted field testing, and collected the verification laboratory samples.

Tanks one and two, as labeled on Figure 2, had a capacity of 300 gallons and contained unleaded premiums gas and kerosene respectively. Tank three contained fuel oil and had a capacity of 110 gallons. The existence of tank four was not known prior to this project. It had a capacity of 110 gallons and was full of water. Its previous usage is unknown.

On the south side of the building were three tanks, all having a 10,000 gallon capacity. These tanks contained diesel fuel or unleaded gasoline.

TANK REMOVAL

The tanks were removed by Schroeder Excavating using a backhoe. The appropriate guidelines were following in the removals including field testing of the soils and purging of the tanks with dry ice.

During the removal of the tanks, soil samples were collected for field analysis. These samples were analyzed using an HNu photoionization meter. All soils having a concentration of 10 ppm and higher were removed for proper disposal. As a result, approximately 25 yards of soil from around the seven tanks was stockpiled on site.

Fred Schnell

REGISTRATION FORM
TO TREAT OR DISPOSE OF PETROLEUM CONTAMINATED SOIL

Sections I, II must be filled out completely. Also, other Sections that apply to proposal should be filled out completely.

I. Source of Soil

Facility Name: Kemps Service Station
Address: 2202 6th Street
City, State, Zip: Wausau WI 54401
Site ID# (For DNR use only): _____
Contact Name: Northwest Petroleum Svc
Telephone: (715) 675-2084
Facility owner/operator Signature: [Signature]

II. Contamination Details

a. Volume Soil (yd³) 40

Type of Petroleum Contamination (circle): gasoline, diesel fuel, #2 fuel oil, other _____
(No. 1 fueloil, kerosene, jet, etc.)

b. Contaminant Concentration (ppm).
(ATTACH LABORATORY ANALYSIS)

	Sample#	Sample#	Sample#
Benzene	_____	_____	_____
Toluene	_____	_____	_____
Total Xylenes	_____	_____	_____
Total Hydrocarbons as Gasoline	_____	_____	_____
Total Hydrocarbons as Fuel Oil	_____	_____	_____
Lead	_____	_____	_____

c. Certified DNR Lab

Name: Robert E. Lee and Assoc
Certification No.: _____

d. Sampling Method (brief description of method used to obtain representative sample of soil volume): TPH TEST
By ROBERT E LEO

e. Total Benzene in soil to be remediated _____
 Total amount of VOC in soil to be remediated _____
 Percent Soil less than 200 mesh or 74 microns _____
 Soil Type (sand, silt, clay, etc.) _____
 Time frame of action. Start _____ End _____
 Method of Pulverizing Silt or Clay Soils _____

III. Proposed Method of Soil Treatment

1. Volatization of Contaminants in Soil

Type of impervious surface _____
 Curbing or Berms _____
 Techniques to cover if inclement weather _____
 Method of turning or mixing soil _____
 Method of field sampling _____
 Proposed Verification Method of contaminant content (lab sampling) _____
 Location of Remediation Site _____
 Size of Remediation Site _____
 Distance to nearest residence/business _____
 Highest Emission of VOC's Intended to Occur _____ hourly _____ daily
 Highest Emission of Benzene to Occur _____ daily _____ yearly
 Comments: _____

2. Proposed Asphalt Plant/Low Temperature Thermal Unit

a. Name: PITLIK & WICK INC.
 Address: 4827 SAND BEACH RD
 City, State, Zip: EAGLE RIVER WIS. 54521
 (If portable, where will plant be located): _____

Plant Number or Model: #2 Hwy 51 N. Woodruff, Ga.
 Contact Name: CRAIG SMITH
 Title: OFFICE MGR.
 Telephone: (715) 479-7489
 Site Telephone: () NONE

Air Quality Permit Number (Plant must be permitted for contaminated soils) 764121160-NO1

Total Benzene in lbs. in the soil _____

Total VOC's in lbs. in the soil _____

Separation Distance in feet from Nearest Residence 1000 FT

Separation Distance in feet from Nearest Business TRAP BAS. READY MIX PLANT

Burner Temperature during Soil Treatment 300°

Soil Residence Time in Burner during Treatment 10 MIN

Highest Emission of VOC's Intended to Occur _____ hourly _____ daily

Highest Emission of Benzene to Occur _____ daily _____ yearly

- b. Include signed statement from asphalt concrete plant owner that the plant has been properly maintained and/or repaired prior to treatment of petroleum contaminated soils and is capable of operating in compliance with DNR permit conditions and rules

Date treatment will be completed (If stockpiled before being treated, all petroleum contaminated soil must be tarped and run-off protection provided) _____

Final Disposition of Treated Soil (how used, location). (If soils will not be incorporated into asphalt or road base, post burn testing is required. Soils will need to be sampled for the same parameters listed in Item II. Two composite soil samples are to be taken for every 100 cubic yard of soil.) _____

3. Soil Venting or Vaccum Extraction

Passive venting _____ Active venting or vaccum extraction _____

Total VOC's (pounds) in the soil _____

Total Benzene (pounds) in the soil _____



Northwest Petroleum Service, Inc.

2376 CIRCLE DRIVE WAUSAU, WISCONSIN 54401
715-675-2084

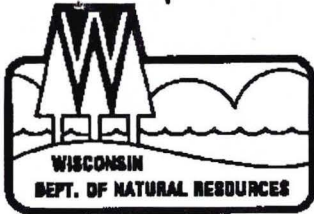
Sample Name: Soils
Date of sample: 07/20/89
Date of Analysis: 07/26/89
Job Number: 1280001

Kemps Service Station

Results of Analysis for BTEX and TPH

Sample	TPH	Benzene	Toluene	Ethylbenzene	Xylenes
1 North	0.5				
2 South	0.8				
3 East	0.5				
4 West	0.5				
5 Northwest	2.6				
6 Southwest	3.7				
1 North Above Ground	23	.050	.050	.094	.305
2 South Above Ground	16	.050	.050	.025	.117
3 East Above Ground	27	.050	.050	.065	.226

Comments:
TPH By California Method



George E. Meyer
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

North Central District Headquarters
Box 818
Rhinelander, Wisconsin 54501
TELEPHONE 715-369-8900
TELEFAX 715-369-8932

December 30, 1993

IN REPLY REFER TO: UID #91

Mr. Roger Kemp
Kemp Service Station
2202 6th Street
Wausau, WI 54403

SUBJECT: July 1989 Underground Storage Tank Removal

Dear Mr. Kemp:

On behalf of the North Central District Leaking Underground Storage Tank Program, I reviewed the Kemp Service Station file for close-out. Based on the file information and analytical results, the site has been remediated to standards acceptable to the Department. Therefore, no further action is required at this time.

However, if information becomes available to the Department which warrants additional investigation and/or remediation, we will require that appropriate action be taken.

If you have any questions regarding this closure determination, please call me at (715)-362-7616. Thank-you.

Sincerely,

Connie J. Antonuk
Emergency and Remedial Response Unit Leader

/cja

file

PHONE CONVERSATION RECORD

DATE: 12-30-93
TIME: _____

CONVERSED WITH: Roger 842-2129

SUBJECT/PROJECT: _____

UNIQUE ID#.: _____

Debasked for info - didnt get
info on-time

above + around but bottom clean

talked to Al + told him
it appears the case will close
10.49

to apply for insurance
lee-way of applying.

Cm+R

Lab test + field tests - contaminants
have been removed. Soils below
free of contam - no further action -
- C.W.E.

Signature: _____
(please write legibly)

Department of Natural Resources
Bureau of Solid & Hazardous Waste Mgt.

TO: Bob Gutknecht - NCD - Wausau

- | | | |
|---------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> Besadny-AD/5 | <input type="checkbox"/> SD Coord. | <input type="checkbox"/> LMD Coord. |
| <input type="checkbox"/> Braun-AD/5 | <input type="checkbox"/> SED Coord. | <input type="checkbox"/> NWD Coord. |
| <input type="checkbox"/> Bochert-AD/5 | <input type="checkbox"/> WCD Coord. | <input type="checkbox"/> NCD Coord. |

- Hazardous Waste Mgt. Section
- | | |
|--|--|
| <input type="checkbox"/> Hochmuth-AD/5 | <input type="checkbox"/> Zellmer, Chief-SW/3 |
| <input type="checkbox"/> Heinen-AD/5 | <input type="checkbox"/> Hellenbrand-SW/3 |
| <input type="checkbox"/> Wymore-LC/5 | <input type="checkbox"/> E. Lynch U.L.-SW/3 |
| <input type="checkbox"/> Leveque-LC/5 | <input type="checkbox"/> Kosewski-SW/3 |
| <input type="checkbox"/> Flaherty-LC/5 | <input type="checkbox"/> Parsons-SW/3 |
| <input type="checkbox"/> Curtner-AD/5 | <input type="checkbox"/> Syftestad-SW/3 |
| <input type="checkbox"/> LaFontaine-EE/5 | <input type="checkbox"/> Gordon-U.L.-SW/3 |

- | | |
|---|--|
| <input type="checkbox"/> Didier-SW/3 | <input type="checkbox"/> L. Lynch-SW/3 |
| <input type="checkbox"/> <u>Plan & Dist. Lia. Of.</u> | <input type="checkbox"/> Persson-SW/3 |
| <input type="checkbox"/> Chapman-SW/3 | <input type="checkbox"/> Thompson-SW/3 |
| <input type="checkbox"/> McLimans-SW/3 | <input type="checkbox"/> Tusler-SW/3 |
| <input type="checkbox"/> Oriedo-SW/3 | |

- | | |
|---|---|
| <input type="checkbox"/> <u>Waste Red. & Rec. Of.</u> | <input type="checkbox"/> <u>Env. Resp. & Repair Section</u> |
| <input type="checkbox"/> Cooper-SW/3 | <input type="checkbox"/> Giesfeldt, Chief-SW/3 |
| <input type="checkbox"/> Koziar-SW/3 | <input type="checkbox"/> Foss-SW/3 |
| <input type="checkbox"/> <u>Mine Reclamation of.</u> | <input type="checkbox"/> Amman-U.L.-SW/3 |
| <input type="checkbox"/> Reinke-Coord.-SW/3 | <input type="checkbox"/> Bergamini-SW/3 |
| <input type="checkbox"/> Hunt-SW/3 | <input type="checkbox"/> Evanson-SW/3 |
| <input type="checkbox"/> L. Lynch-SW/3 | <input type="checkbox"/> Kefer-SW/3 |
| | <input type="checkbox"/> McCutcheon-SW/3 |

- Solid Waste Mgt. Sect.
- | |
|--|
| <input type="checkbox"/> Sridharan, Chief-SW/3 |
| <input type="checkbox"/> Starch-SW/3 |
| <input type="checkbox"/> Connelly-U.L.-SW/3 |
| <input type="checkbox"/> Ales-SW/3 |
| <input type="checkbox"/> Bauer-SW/3 |
| <input type="checkbox"/> Gear-SW/3 |
| <input type="checkbox"/> Huebner-U.L.-SW/3 |
| <input type="checkbox"/> Huffman-SW/3 |
| <input type="checkbox"/> Miazga-SW/3 |
| <input type="checkbox"/> Netzer-SW/3 |
| <input type="checkbox"/> Quast-SW/3 |
| <input type="checkbox"/> Traynor-SW/3 |
| <input type="checkbox"/> Wade-SW/3 |
| <input type="checkbox"/> Mitchell-U.L.-SW/3 |
| <input type="checkbox"/> Bagchi-SW/3 |
| <input type="checkbox"/> Mack-SW/3 |
| <input type="checkbox"/> Saini-SW/3 |
| <input type="checkbox"/> Timmerman-SW/3 |
| <input type="checkbox"/> <u>U.L.-SW/3</u> |
| <input type="checkbox"/> Fisher-SW/3 |
| <input type="checkbox"/> Grefe-SW/3 |
| <input type="checkbox"/> Ostenso-SW/3 |

- | |
|--|
| <input type="checkbox"/> Parker-SW/3 |
| <input type="checkbox"/> Strous-SW/3 |
| <input type="checkbox"/> Tierney-SW/3 |
| <input type="checkbox"/> Bangert-U.L.-SW/3 |
| <input type="checkbox"/> Amerson-SW/3 |
| <input type="checkbox"/> Diebels-SW/3 |
| <input type="checkbox"/> Edelstein-SW/3 |
| <input type="checkbox"/> Karwoski-SW/3 |
| <input type="checkbox"/> Kraft-SW/3 |
| <input type="checkbox"/> Schmidt-SW/3 |
| <input type="checkbox"/> VanDerLoop-SW/3 |
| <input type="checkbox"/> Warzeka-SW/3 |

- Program Services Section
- | |
|--|
| <input type="checkbox"/> Freitag-Chief, SW/3 |
| <input type="checkbox"/> Cook-SW/3 |
| <input type="checkbox"/> Garrett-SW/3 |
| <input type="checkbox"/> Hoernke-SW/3 |
| <input type="checkbox"/> Jesse-SW/3 |
| <input type="checkbox"/> Reddeman-SW/3 |
| <input type="checkbox"/> Ringquist-SW/3 |
| <input type="checkbox"/> Thompson-SW/3 |
| <input type="checkbox"/> Larson-U.L.-SW/3 |
| <input type="checkbox"/> Goedken-SW/3 |
| <input type="checkbox"/> Klein-SW/3 |
| <input type="checkbox"/> Ladd-SW/3 |
| <input type="checkbox"/> Prust-SW/3 |
| <input type="checkbox"/> Roach-SW/3 |
| <input type="checkbox"/> Weber-SW/3 |
| <input type="checkbox"/> White-SW/3 |

FROM: Ted Amman Date: 12/1/89

- | | |
|---|---|
| <input type="checkbox"/> Ans. for _____ signature | |
| <input type="checkbox"/> Confer with me | |
| <input type="checkbox"/> Take action | |
| <input type="checkbox"/> Prepare rough draft | <input type="checkbox"/> Invest. & rept. |
| <input type="checkbox"/> Note & return | <input checked="" type="checkbox"/> For your Infor & fil. |
| | <input type="checkbox"/> For your approval/comment |

COMMENTS: Didn't have a lot to go on but it looked OK so I signed off on the form 4. A copy attached is for your file! Will you or Terry send them a closeout letter? Ted A.

COMMENTS ON REVERSE SIDE: YES

DNR SITE INVESTIGATION AND REMEDIAL ACTION PLAN REVIEW

Section 101.143 (3) (c) 4, Wis. Stats., requires that a claimant obtain written approval from the Department of Natural Resources (DNR) when requesting reimbursement for activities in response to a discharge from a commercial petroleum product storage system or home oil tank. The DNR approval must indicate that the site investigation and remedial action plan is adequate to meet requirements of s. 144.76, Wis. Stats. The DNR approval is created for the purpose of meeting the requirements of s. 101.143 (3), Wis. Stats., only and does not bar the DNR from requiring that additional investigation and/or remediation activities be performed by persons responsible under s. 144.76, Wis. Stats.

Office Use Only		Application Case # _____	
Tank ID # _____	_____	Installation Date _____	_____
Tank ID # _____	_____	Installation Date _____	_____
Tank ID # _____	_____	Installation Date _____	_____

Claimant's Name <u>Roger Kemp</u>	Remedial Action Site Name (if business) <u>Kemp Service Center</u>
Street Address <u>2202 6th St</u>	Remedial Action Site Address <u>2202 6th St</u>
City, State, Zip Code <u>Wausau, WI 54401</u>	City, State, Zip Code <u>Wausau WI 54401</u>
Claimant's Telephone Number <u>(715) 842-2129</u>	Telephone Number of Site <u>(715) 842-2129</u>

Claimant is
 Owner Operator Other - please specify:

Approval requested for: Commercial Petroleum Product Storage System Home Oil Tank

DEPARTMENT CERTIFICATION (Indicate Whether Completed Remedial Action or Other Action(s))

A copy of this completed document must be submitted to DNR for approval of initial activities (emergency action, site investigation and remediation) in accordance with s. 101.143 (3) (c) 4, Wis. Stats.

Completed Remedial Action (complete cleanup and single claim for reimbursement)

Progress Payments For:

- Emergency Action
- Completion of Site Investigation and Proposed Remedial Action Plan
- Remedial Action
- Operation and Maintenance (annual claim for remedial action activities)

DEPT. OF NATURAL RESOURCES
 DEC 7 1989
 Mausau DNR Office
 Mausau, Wisconsin
 Check Approved
 Box(es)

Claimant's Signature Roger Kemp Date Signed 11/7/89

The DNR received a request for approval of the above identified activities for the site listed on this document on the following date Nov. 13, 1989

The DNR response for purposes of s. 101.143 (3), Wis. Stats., is attached.

Remedial action activities conducted by owners/operators are not eligible for funding under 42 USC 6991. (See s. 101.143 (3) (a) 2., Wis. Stats.)

Send one copy of this completed form to the address shown in the upper right corner and one copy to the claimant.

Reviewer's Signature Theodore J. Orman Date Signed Dec 7, 1989
Reviewer's Title Pet. Storage Remedial Action Coordinator

Fred Schnell

REGISTRATION FORM
TO TREAT OR DISPOSE OF PETROLEUM CONTAMINATED SOIL

Sections I, II must be filled out completely. Also, other Sections that apply to proposal should be filled out completely.

I. Source of Soil

Facility Name: Kemps Service Station

Address: 2202 6th Street

City, State, Zip: Wausau, WI 54401

Site ID# (For DNR use only): _____

Contact Name: Northwest Petroleum Svc

Telephone: (715) 675-2084

Facility owner/operator Signature: Jay E. Mummert

II. Contamination Details

a. Volume Soil (yd³) 40

Type of Petroleum Contamination (circle): gasoline, diesel fuel,
#2 fuel oil, other _____
(No. 1 fueloil, kerosene, jet, etc.)

b. Contaminant Concentration (ppm).
(ATTACH LABORATORY ANALYSIS)

	Sample#	Sample#	Sample#
Benzene	_____	_____	_____
Toluene	_____	_____	_____
Total Xylenes	_____	_____	_____
Total Hydrocarbons as Gasoline	_____	_____	_____
Total Hydrocarbons as Fuel Oil	_____	_____	_____
Lead	_____	_____	_____

c. Certified DNR Lab

Name: Robert E. Lee and Assoc

Certification No.: _____

d. Sampling Method (brief description of method used to obtain representative sample of soil volume): TPH TEST
By ROBERT E LOO.

e. Total Benzene in soil to be remediated _____
Total amount of VOC in soil to be remediated _____
Percent Soil less than 200 mesh or 74 microns _____
Soil Type (sand, silt, clay, etc.) _____
Time frame of action. Start _____ End _____
Method of Pulverizing Silt or Clay Soils _____

III. Proposed Method of Soil Treatment

1. Volatization of Contaminants in Soil

Type of impervious surface _____
Curbing or Berms _____
Techniques to cover if inclement weather _____
Method of turning or mixing soil _____
Method of field sampling _____
Proposed Verification Method of contaminant content (lab sampling) _____
Location of Remediation Site _____
Size of Remediation Site _____
Distance to nearest residence/business _____
Highest Emission of VOC's Intended to Occur _____ hourly _____ daily
Highest Emission of Benzene to Occur _____ daily _____ yearly
Comments: _____

2. Proposed Asphalt Plant/Low Temperature Thermal Unit

a. Name: PITLIK & WICK INC.
Address: 4827 SAND BEACH RD.
City, State, Zip: EAGLE RIVER WIS. 54521
(If portable, where will plant be located): _____

Plant Number or Model: #2 Hwy 51 N. GOODRUFF, Wis.
 Contact Name: CRAIG SMITH
 Title: OFFICE MGR.
 Telephone: (715) 479-7489
 Site Telephone: () NONE

Air Quality Permit Number (Plant must be permitted for contaminated soils) 764121160-NO1

Total Benzene in lbs. in the soil _____

Total VOC's in lbs. in the soil _____

Separation Distance in feet from Nearest Residence 1000 FT

Separation Distance in feet from Nearest Business TRAP BROS. READY MIX PLANT

Burner Temperature during Soil Treatment 300°

Soil Residence Time in Burner during Treatment 10 MIN

Highest Emission of VOC's Intended to Occur _____ hourly _____ daily

Highest Emission of Benzene to Occur _____ daily _____ yearly

- b. Include signed statement from asphalt concrete plant owner that the plant has been properly maintained and/or repaired prior to treatment of petroleum contaminated soils and is capable of operating in compliance with DNR permit conditions and rules

Date treatment will be completed (If stockpiled before being treated, all petroleum contaminated soil must be tarped and run-off protection provided) _____

Final Disposition of Treated Soil (how used, location). (If soils will not be incorporated into asphalt or road base, post burn testing is required. Soils will need to be sampled for the same parameters listed in Item II. Two composite soil samples are to be taken for every 100 cubic yard of soil.) _____

3. Soil Venting or Vaccum Extraction

Passive venting _____ Active venting or vaccum extraction _____

Total VOC's (pounds) in the soil _____

Total Benzene (pounds) in the soil _____



Northwest Petroleum Service, Inc.

2276 CIRCLE DRIVE WAUSAU, WISCONSIN 54401

(715) 675-2084

Sample Name: Soils
Date of sample: 07/20/89
Date of Analysis: 07/26/89
Job Number: 1280001

Kemps Service Station

Results of Analysis for BTEX and TPH

Sample	TPH	Benzene	Toluene	Ethylbenzene	Xylenes
1 North	0.5				
2 South	0.8				
3 East	0.5				
4 West	0.5				
5 Northwest	2.6				
6 Southwest	3.7				
1 North Above Ground	23	.050	.050	.094	.305
2 South Above Ground	16	.050	.050	.025	.117
3 East Above Ground	27	.050	.050	.065	.226

Comments;

TPH By California Method

Central Wisconsin
Engineers

P.O. BOX F • SCHOFIELD, WI 54476 • (715) 359-9400

Department of Natural Resources

NOV 7 1989

Wausau DNR Office
Wausau, Wisconsin

November 3, 1989

Miles Michelsen
Safety and Buildings Division
Bureau of Petroleum Inspection and Fire Protection
P O Box 7969
Madison, WI 53707

Re: PECFA Application - Kemp Service Center, Wausau, WI

Dear Mr. Michelsen:

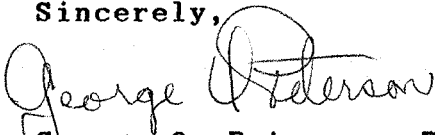
Attached is a completed copy of the PECFA Application for the tank removals and site cleanup at the Kemp Service Center at 2202 6th Street in Wausau, Wisconsin.

The site assessment report is attached. Copies have been submitted to both the local and Madison DNR office.

The project involved the removal of underground storage tanks and the removal and treatment of contaminated soils. During the removal of the contaminated soils, the underground electrical service sanitary sewer and water lateral were removed and required replacement.

Contaminated soils were hauled to Pitlick and Wick Asphalt plant in Woodruff for incineration.

Sincerely,



George O. Peterson, P.E.
Project Engineer

GOP/mh

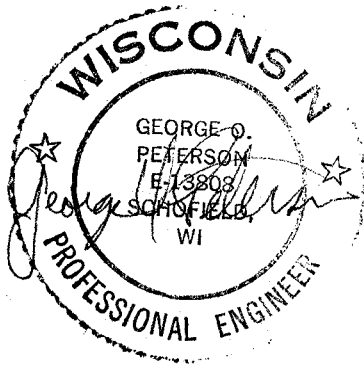
Site Assessment
Kemp Service Center
Tank Removal



CENTRAL WISCONSIN ENGINEERS
903 GRAND AVENUE
ROTHSCHILD, WISCONSIN 54474
PHONE: (715) 359-9400

Site Assessment
Kemp Service Center
Tank Removal

October 1989



Prepared by:

Central Wisconsin Engineers, Inc.
903 Grand Avenue
Rothschild, WI 54474
Phone: (715) 359-9400

INTRODUCTION

Central Wisconsin Engineers, Inc. was retained by Kemp Service Center, Wausau, Wisconsin to prepare a site assessment report for removal of seven underground storage tanks at 2202 6th Street, Wausau.

BACKGROUND INFORMATION

Owner

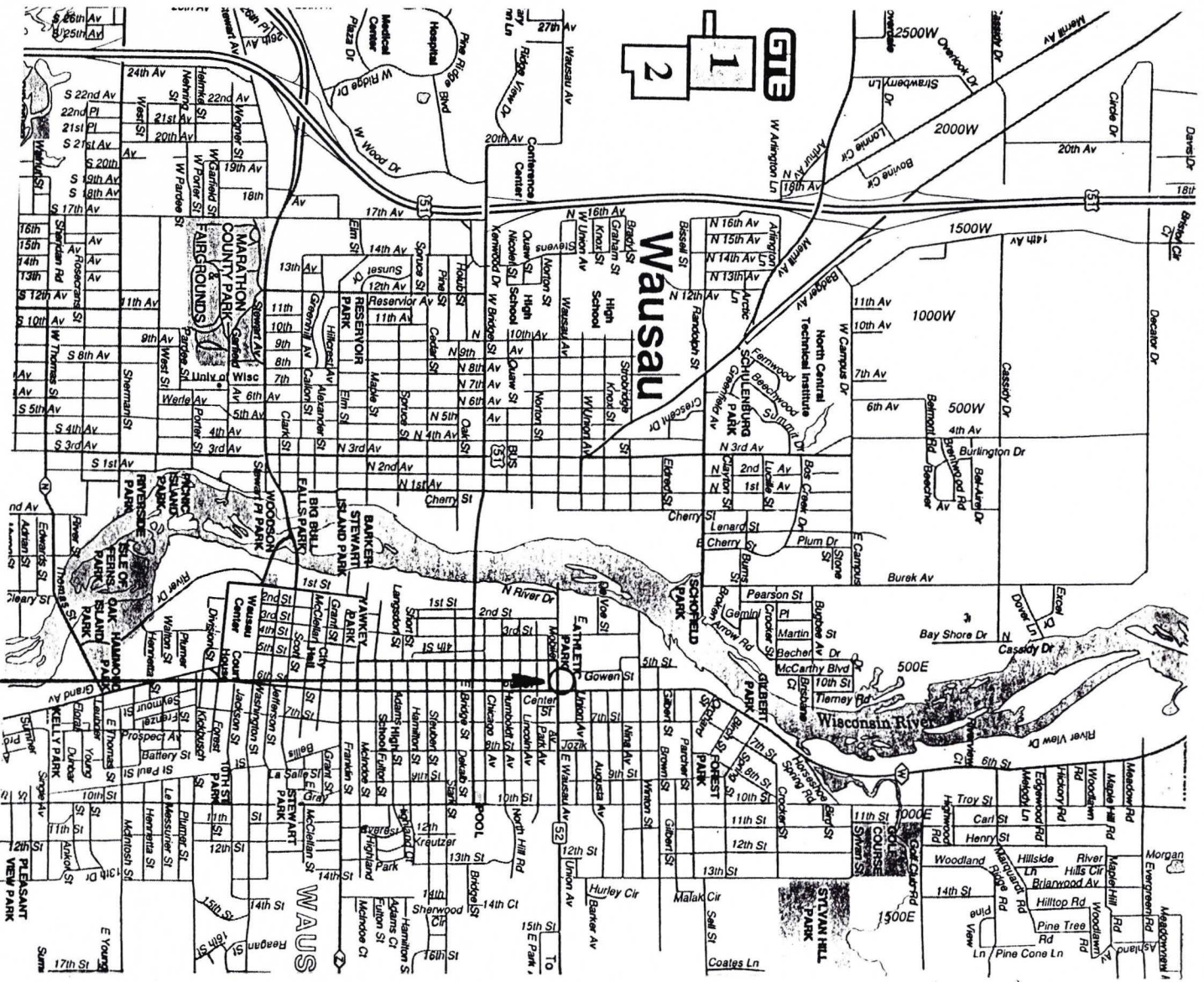
Kemp Service Center
2202 6th Street
Wausau, WI 54401
Attn: Roger Kemp, Owner
Phone: (715) 842-2129

PETROLEUM SERVICES CONTRACTOR

Northwest Petroleum Service, Inc.
2276 Circle Drive
Wausau, WI 54401
Attn: Jay Nieuwenhuis
Phone: (715) 675-2084

SITE INVESTIGATION

Seven tanks were removed from this site, containing a variety of petroleum products. Three tanks were removed from the south side of the station. The tanks held unleaded gasoline and diesel fuel (see Figure 2). Four tanks were removed from the east side of the station. These tanks contained gasoline, fuel oil, kerosene, and one contained water (see Figure 2). The six tanks containing petroleum products were installed sometime around 1967. There have been no known instances of leaking tanks. This site has been a gas station since the 1930's.



SITE LOCATION

SITE LOCATION

KEMP SERVICE CENTER
TANK CLOSURE / SITE ASSESSMENT
WAUSAU, WISCONSIN

CENTRAL WISCONSIN
ENGINEERS, INC.

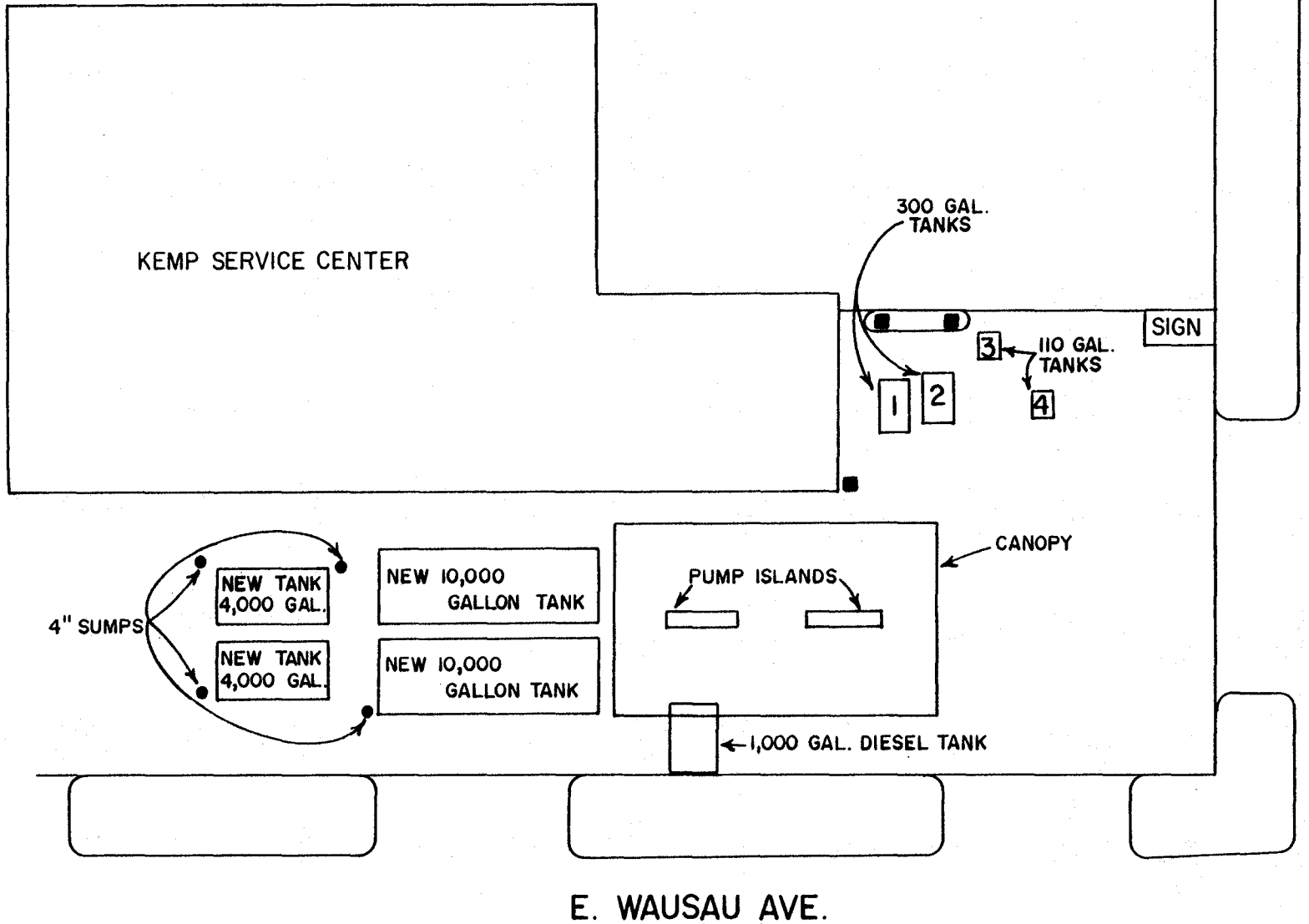
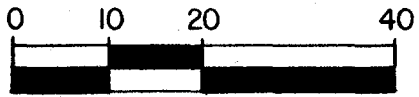


Scale:
Drawn: A.S.
Approved: H.Z.G.P.
Date: 10/89

FIGURE 1

PROJECT 82389

SCALE, FT.



SITE PLAN

KEMP SERVICE CENTER
TANK CLOSURE / SITE ASSESSMENT
WAUSAU, WISCONSIN



Scale: 1" = 20'
Drawn: J.L.
Approved: H.Z., G.P.
Date: 9/89

FIGURE 2
PROJECT 82389

FIELD INVESTIGATION

The tank removal was initiated July 20, 1989 by Northwest Petroleum Service, Inc. Northwest Petroleum personnel supervised the excavation, conducted field testing, and collected the verification laboratory samples.

Tanks one and two, as labeled on Figure 2, had a capacity of 300 gallons and contained unleaded premiums gas and kerosene respectively. Tank three contained fuel oil and had a capacity of 110 gallons. The existence of tank four was not known prior to this project. It had a capacity of 110 gallons and was full of water. Its previous usage is unknown.

On the south side of the building were three tanks, all having a 10,000 gallon capacity. These tanks contained diesel fuel or unleaded gasoline.

TANK REMOVAL

The tanks were removed by Schroeder Excavating using a backhoe. The appropriate guidelines were following in the removals including field testing of the soils and purging of the tanks with dry ice.

During the removal of the tanks, soil samples were collected for field analysis. These samples were analyzed using an HNu photoionization meter. All soils having a concentration of 10 ppm and higher were removed for proper disposal. As a result, approximately 25 yards of soil from around the seven tanks was stockpiled on site.

SOIL SAMPLES FOR LABORATORY ANALYSIS

Soil samples were collected by Northwest Petroleum personnel for laboratory analysis using accepted procedures. The samples were collected and preserved in laboratory specified clean clear glass jars with air tight screw-on teflon lined lids. The samples were preserved and forwarded to the laboratory for analysis.

All soil samples were analyzed by Robert E. Lee & Associates Laboratory Services, Green Bay, Wisconsin (Wisconsin Certification Number 405043870).

All samples collected were analyzed for total petroleum hydrocarbons (TPH) according to the California Method and BTEX (benzene, toluene, ethylbenzene and xylenes). The results are listed below:

<u>Sample</u>	<u>TPH</u>	<u>Result (ppm dry weight)</u>			
		<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Xylenes</u>
1. North	<.5				
2. South	0.8				
3. East	<0.5				
4. West	<0.5				
5. Northwest	2.6				
6. Southwest	3.7				
A1. North above ground	23	<.050	<.050	.094	.305
A2. South above ground	16	<.050	<.050	<.025	.117
A3. East above ground	27	<.050	<.050	.115	.209
A4. West above ground	32	<.050	<.050	.065	.226

Samples one, three, and six collected below the tanks after contaminated soils as recorded with the HNu meter, were removed. Samples designated A1 through A4 were taken of the soils removed and set aside for disposal at Pitlick and Wick.

SOILS DISPOSAL

All soils determined to be contaminated as a result of spills or overfills, etc., were transported to the Pitlick and Wick asphalt plant in Eagle River.

The excavation on the east side of the building was filled with clean fill brought to the site. The excavation to the south was enlarged to accommodate the new and larger tanks.

CONCLUSIONS AND RECOMMENDATIONS

Laboratory test results and field investigations indicated the soils contaminated as a result of overfills or spillage during tank filling have been removed.

The soils below the former tanks are free of contamination, therefore no further remedial action is necessary.

JUL-24-89 MON 8:24 ROBERT E LEE P. 02

ROBERT E. LEE & ASSOCIATES
LABORATORY SERVICES
2825 S. WEBSTER AVE. P.O. BOX 2100
GREEN BAY, WIS. 54306
TELEPHONE NO.: (414) 336-6338
WISCONSIN CERTIFICATION NUMBER 405043870

CLIENT: NORTHWEST PETROLEUM
NWPET CLIENT: KEMPS SERVICE STATION

SAMPLE NAME: SOILS
DATE OF SAMPLE: 07/20/89
DATE ANALYSIS COMPLETED:
JOB NUMBER: 1280001

RESULTS OF ANALYSIS FOR BTEX AND TPH

SAMPLE	TPH	BENZENE	TOLUENE	RESULT (PPM DRY WEIGHT)	
				ETHYLBENZENE	XYLENES
1 NORTH	<0.5				
2 SOUTH	0.8				
3 EAST	<0.5				
4 WEST	<0.5				
5 NORTHWEST	2.6				
6 SOUTHWEST	3.7				
1 NORTH ABOVE GROUND	23	<.050	<.050	.094	.305
2 SOUTH ABOVE GROUND	16	<.050	<.050	<.025	.117
3 EAST ABOVE GROUND	27	<.050	<.050	.115	.209
4 WEST ABOVE GROUND	32	<.050	<.050	.065	.226

COMMENTS:
TPH BY CALIFORNIA METHOD

SIGNED



CASE NAME: KEMP SERVICE CENTER
COUNTY: MARATHON
LOCATION: SE,SW,24,T29N,R07E
2206 N 6TH ST, WAUSAU

CONTACT NAME: KEMP, ROGER
ADDRESS: 2206 N 6TH ST
WAUSAU, WI 54401
PHONE: 715-842-2129

STATUS R
CASE # 731
PMN #
LUST YES
ACTIVE/INACTIVE: ACT
DATE OF INCIDENT: 890720
DATE OF REPORT: 890720
DATE FILE UPDATED: 890721

SUBSTANCE: GASOLINE
QUANTITY: SOIL CONTAM
CAUSE: LUST

ACTION BY SPILLER: HIRED CONTRACTOR TO REMOVE TANK
ACTION BY DNR: SPILLER REQUIRED TO INVESTIGATE
FIRST RESPONDER: NONE
PROJECT LEADER: GUTKNECHT, BOB

TELEPHONE: NONE
TELEPHONE: 715-845-2699

GROUNDWATER AFFECTED: POT
SURFACE WATER AFFECTED: NO
NAME OF SURFACE WATER: NONE

SOIL CONTAMINATED WITH PETROLEUM NOTED DURING REMOVAL OF TANK BY NORTHWEST PETROLEUM. CONTAMINATED SOIL PLACED ON IMPERMEABLE BASE AND COVERED WITH PLASTIC.

Wis. Dept. of Natural Resources
JUL 24 1989
Wausau DNR Office
Wausau, Wisconsin

Spill ID Number

Y Y M M D D 0-99

Date of Incident <i>unknown</i>	Day of Week	Time of Incident <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Reported By (Name) <i>Jay Nieuwambus</i>	Telephone Number <i>(715) 675-7424</i>
Date Reported <i>7-20-89</i>	Day of Week <i>Thurs</i>	Time Reported <i>8:47</i> <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Agency or Firm Reporting <i>Northwest Petroleum</i>	Reported thru Div. Emergen. Gov't. <input type="checkbox"/> Yes <input type="checkbox"/> No
Substance Involved <i>Gasoline</i>	Quantity <i>unknown</i>	Units <i>Gallons</i>	Person or Firm Responsible <i>Kemp Service Center</i>	
Substance Involved	Quantity	Units	Contact Name <i>Roger Kemp</i>	Telephone Number <i>(715) 842-2129</i>

Physical Characteristics

Solid Liquid Color _____

Semisolid Gas Odor _____

Address - Street or Route
2206 N. 6th St.

City, State, Zip Code
Wausau, WI 54401

Cause of Incident
LUST

Exact Location Description (intersection, mileage, etc.)
2206 N. 6th St.

County Location
Marathon

DNR Dist
NCD

DNR Area
ATG

Groundwaters Affected
 Yes No Potential

Surface Waters Affected
 Yes No Potential

Name of Surface Water

Action Taken By Spiller

No Action Notification Investigate

Containment; Type _____

Cleanup; Method _____

Amount Recovered _____

Monitor _____

Contractor Hired; Name *Northwest Petroleum Tank Removal*

Other Action _____

Date District Notified
7-20-89

Day of Week
Thurs

Time District Notified
8:47
 A.M.
 P.M.

District Person Notified
Bob Gutzknecht

Telephone Number
(715) 845-2699

Date Investigated

Day of Week

Time Investigated
 A.M.
 P.M.

Person Investigating

Telephone Number
()

Action Taken By DNR

No Action Taken Investigation Supervise/Conduct Cleanup

Spiller Required To Take Action; Type _____

Contractor Hired By DNR; Name _____

Amount Recovered _____

29.29 Enforcement

Other Agencies on Scene

Local _____

State _____

Federal _____

Spill Location

Industrial Facility/Paper Mill/Chem. Co.

Gas/Service Station/Garage, Auto Dealer, Repair Shop

Ag Coop/Facility/Cheese Factory/Creamery

Other Small Business (bank, grocery, insurance co., etc.)

Public Property (city, county, state, church, school, etc.)

Utility Co., Power Generating/Transfer Facility

Private Property (home/farm)

Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler

Transportation Accident, Fuel Supply Tank Spill

Transportation Accident, Load Spill

Construction, Excavation, Wrecking, Quarry, Mine

Other _____

Spilled Substance Destination

Air

Soil

Groundwater

Surface Water

Storm Sewer

Sanitary Sewer

Contained/Recovered

Other _____

Person Filing This Report (print name)
Bob Gutzknecht

Signature
Bob Gutzknecht

Date Signed
7-20-89

Additional Comments:

Soil contaminated with petroleum noted during tank closure.

Excavated soil placed on impermeable base covered with plastic

CLIENT: NORTHWEST PETROLEUM

SAMPLE NAME: SOILS

CLIENT: KEMPS SERVICE STATION

DATE OF SAMPLE: 07/20/89

DATE ANALYSIS COMPLETED:

JOB NUMBER: 1280001

RESULTS OF ANALYSIS FOR BTEX AND TPH

SAMPLE	TPH	BENZENE	TOLUENE	RESULT (PPM)	
				ETHYLBENZENE	XYLENES
1 NORTH	<0.5				
2 SOUTH	0.8				
3 EAST					
4 WEST	<0.5				
5 NORTHWEST					
6 SOUTHWEST					
1 NORTH ABOVE GROUND					
2 SOUTH ABOVE GROUND	16				
3 EAST ABOVE GROUND					
4 WEST ABOVE GROUND	32				

COMMENTS:

TPH BY CALIFORNIA METHOD

al

2-15-89
COMPUTER TRACKING
FORM 4400

PMN#: _____ FID#: _____
PROJECT MGR: Bob Gutknecht
SUPPORT PERSON: _____
DISTRICT: NC COUNTY: Marathon HNDI: _____

SITE NAME: Kemp Service
ADDRESS: 2206 N 6th St
Wausau TN CITY_VIL
LEGAL DESC: SE 1/4 SW 1/4 SEC 24 T 29 R 7 E/W

DATE OF INITIAL CONTACT: 7/20/89 (mo day yr)
DATE OF RP LETTER: ___/___/___ (mo day yr)
DATE SITE CLOSURE APPROVED: ___/___/___ (mo day yr)

LUST TRUST ELIGIBLE: (X)
 1 = FEDERAL
 2 = NON-FEDERAL
STATUS: (X)
 1 = STATE LEAD
 2 = RP LEAD

PRIORITY SCREENING: (X)
 1 = HIGH SCORE: 20.00
 2 = MEDIUM
 3 = LOW
 4 = UNKNOWN
(see worksheet on back)

FUNDING SOURCE: (X)
 1 = RESPONSIBLE PARTY
 2 = LUST TRUST FUND
 3 = ENVIRONMENTAL RESPONSE FUND
 4 = SUPER FUND
 5 = NONE
 6 = OTHER

(X AS APPROPRIATE) DATE INITIATED (MO DAY YR) DATE COMPLETED (MO DAY YR) COMMENTS:
 NO ACTION TAKEN
 EMERGENCY
 EMERGENCY RESPONSE
 FIELD INVESTIGATION
 REMEDIAL ACTION
 LONG TERM MONITORING
7/20/89
 tanks pulled

FIRM OR PERSON RESPONSIBLE: Kemp Service
CONTACT: Roger Kemp
ADDRESS: 2206 N 6th St
Wausau WI
PHONE: 715, 842-2129
(list additional on separate list & attach)

CONSULTANT: CWE
CONTACT: Joyce Peterson
ADDRESS: 903 Grand Ave.
Portscheld, WI 54474
PHONE: 715 / 359-9400
AMOUNT COMMITTED: \$ _____ AMOUNT SPENT: \$ _____
(list additional on separate list & attach)

PECFA REVIEW REQUESTED: (X) YES NO

DATE PECFA REQUEST RECEIVED: (mo day yr) ___/___/___

KNOWN IMPACTS: (X) POTENTIAL IMPACTS: (X)
FIRE/EXPLOSION THREAT _____
CONTAMINATED PRIVATE WELL _____
CONTAMINATED PUBLIC WELL _____
GROUNDWATER CONTAMINATION _____
SOIL CONTAMINATION
OTHER: _____

SUBSTANCES: (X) QUANTITY DISCHARGED: (gals) _____
 LEADED GAS _____ VOCS _____
 UNLEADED GAS _____ PESTICIDE _____
 DIESEL _____
 FUEL OIL _____
_____ UNKNOWN HYDROCARBONS _____
 OTHER: Kerosene, water (2)

ENFORCEMENT ACTION TAKEN

01=INF. CONTACT, RESP INITIATED 06=INSPECTION LETTER 14=NOTICE OF VIOLATION 23=REFERRAL TO DOJ
02=RP LETTER, RESP INITIATED 07=RESPONSE RECEIVED 18=ADMIN. ORDER FINAL 25=REFERRAL TO EPA
03=NTC OF NON COMPLIANCE 11=CLOSE OUT 20=ADMIN. ORDER CANCELLED 99=OTHER ACTION: _____

ACTION (code from above)	DATE (mo/day/yr)	COMMENT:

(for additional action codes see instructions/list additional on separate list and attach)

OVER ALL CASE COMMENT: Request for disposal

LUST CASE PRIORITY SCREENING WORKSHEET

HIGH FACTORS: (DEFINITION: Any case which presents an actual threat to human health, or has a high potential of causing a threat to human health and property; and/or any case which has caused or has a high potential of causing substantial impacts to the soil waters and air of the State of Wisconsin)

- HIGH FACTORS:**
- Contaminated private or public well >NR140 enf. std.
 - Explosive or toxic vapors in structures
 - Threat of fire

- HIGH OR MEDIUM FACTORS:** (write in choice of high or medium)
- Floating product (medium if no receptors within 1 mile)
 - Known gw contamination (private or public well <140 enf. std.)
 - Impacted surface water--wetland, trout stream, etc. impacted
 - saturated soil contamination

MEDIUM FACTORS: (DEFINITION: Any case which does not appear to be an immediate threat to human health or vital natural resources but which shows levels of contamination that may cause substantial environmental impacts if left unaddressed.)

- Moderate soil contamination with moderate potential for impacting groundwater.
- Impacted surface water--no critical habitat threats.

LOW FACTORS: (DEFINITION: Any case where contamination has been documented, but which presents limited potential for any immediate threat to human health and vital natural resources.)

- Soil contamination which appears to have a limited potential for impacting groundwater.
- Initial remedial action has substantially reduced environmental threat.

UNKNOWN FACTOR: (DEFINITION: Any case where some indication of contamination is present, but due to incomplete or inaccurate information the level of threat to human health or the environment can not be assessed at this time.)

- Inadequate information to assign a high, medium, or low ranking.

OVERALL RANKING: The screening rank for the site along with the date of ranking. This may be updated when additional information is received. Special circumstances for a particular case may be taken into account in the comment section. The District LUST coordinator may independently set the ranking of a site based upon "special circumstances."

Circle one & date, indicate in priority screening box opposite side _____ HIGH _____ MEDIUM 1-3-91 LOW _____ UNKNOWN

COMMENT: _____

NUMERICAL LUST SCORING WORKSHEET (complete for LUST cases ranked HIGH)

1. **GROUNDWATER & SOILS:** (circle one)

POINTS	Documented Petroleum Contamination:	POINTS	
20	Municipal well	8	Soil & gw within 1200' of a public well
18	>5 private wells	6	Soil & gw within 1200' of one or more private wells
16	4 - 6 private wells	4	GW contamination, no wells within 1200'
14	2 - 3 private wells	2	Soil contamination
12	1 private well		

2. **EXPLOSIVE OR TOXIC VAPORS:** (circle one)

POINTS	CONFINED	POTENTIAL	
20		10	Explosive levels in a residence or building
16		8	Explosive levels in a sewer or structure
12		6	Toxic levels in a residence or building

Note: Explosive levels determined to be >20% LEL as per an explosivity meter; toxicity levels are based on OSHA permissible exposure limits (PEL)

3. **HYDROGEOLOGIC SETTING:** (circle one)

POINTS	
12	Highly permeable sub-soils (gravel, well sorted sand, fractured bedrock or utilities capable of intercepting and directing flow) <u>and</u> groundwater within 25 feet of the ground surface.
10	Highly permeable sub-soils <u>and</u> groundwater more than 25 feet below ground surface.
8	Moderately permeable sub-soils (silty sands, silty gravel, clayey sands) <u>and</u> groundwater within 25 feet of ground surface
6	Moderately permeable sub-soils <u>and</u> groundwater greater than 25 feet below ground surface.
4	Low permeability sub-soils (silt, clayey silt, sand clays) <u>and</u> groundwater within 25 feet of ground surface.
2	Low permeability sub-soils <u>and</u> groundwater greater than 25 feet below ground surface.

4. **TYPE OF PRODUCT:** (circle one)

POINTS	NOTE: Add 4 points if free product is present. (score in parentheses)
8 (12)	Gasoline, mixture of gasoline and other products, other light petroleum products.
6 (10)	Diesel, fuel oil
2 (6)	Bunker oil, other heavy oils or crude fractions

20.00 TOTAL SCORE (indicate score in priority screening box on opposite side)