WISCONSIN
DEPT. OF NATURAL RESOURCES
George E. Meyer
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Lake Michigan District Headquarters
1125 N. Military Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448
TELEPHONE: (414)492-5921
TELEFAX: (414)492-5859

April 20, 1993

Mr. Chuck Parsons
Parson's Ski Doo
83 S. 8th Street
Hilbert, WI 54129

Subject: Closure of WDNR LUST Case #08-00306
Parson's Ski Doo, 83 S. 8th Street,
Hilbert, WI

Dear Mr. Parsons

The Department of Natural Resource
s' Lake Michigan District Case Closure Committee has completed a review of the above referenced case. This panel reviews environmental remediation cases for compliance with state laws, standards, and guidelines to maintain consistency in the closeout of cases. It appears that actions have been taken to the extent practicable to restore the environment and minimize the harmful effects from this discharge to the air, lands and waters of this state.

Based on the information available, the Department is not requiring any further investigation or other action at this time. However, if additional information in the future indicates that further investigation or cleanup is warranted, the Department will require that appropriate action be taken at that time.

The Department appreciates the actions you have undertaken to restore the environment at this site. Please do not hesitate to contact me at 414-492-5862 if you have any questions about this letter.

Sincerely,

James M Rabideau, Program Assistant
Leaking Underground Storage Tank Unit

cc: Foth & Van Dyke, 2737 S. Ridge Road, Green Bay, WI 54307-9012
Carl Frisque, DILHR Tank Inspector, 2331 San Luis Place, Green Bay, WI 54304
Case File #08-00306 - Parson's Ski Doo

Printed on Recycled Paper

LMD LUST TRACKING UPDATE

Date: 4-20-93
Initials: SR

PLEASE INDICATE IF IT IS A CHANGE OR ADDITION

Site Name: Parson's Ski Doo Address: 835. 8th street
Unique ID: 08-000306

Project Mgr: Hostak Legal Municipality: _____
Legal Desc.: ___¼ ___¼ Sec___ T___ R___ E/W

Date of Initial Contact: ___/___/___ Date of Letter: ___/___/___ Date Site Closure Approved: 4/8/93

Priority Screening
___1 = High
___2 = Medium
___3 = Low
___4 = Unknown

SCORE: _____

LUST Trust Eligible
___1 = Federal
___2 = Non-federal

CASE STATUS

Please indicate (C) Change or (A) Addition

C/A	STATUS	DATE INITIATED	DATE COMPLETED	COMMENTS
___	No Action Taken(N)	___/___/___	___/___/___	
___	RP Emergency Response(E)	___/___/___	___/___/___	
___	LTF Emergency Response(R)	___/___/___	___/___/___	
___	Field Investigation(I)	___/___/___	___/___/___	
___	Additional Field Inv.(I)	___/___/___	___/___/___	
___	Remedial Action(C)	___/___/___	___/___/___	
___	Long Term Monitoring(L)	___/___/___	___/___/___	

Please indicate Addition or Deletion A/D.

	Known Impacts	Potential Impacts	Substance
Fire/Explosion(1)	___	___	___Leaded Gas(1)
Contaminated Private Well(2)	___	___	___Unleaded Gas(2)
Contaminated Public Well(3)	___	___	___Diesel(3)
Groundwater Contam.(4)	___	___	___Fuel Oil(4)
Soil Contamination(5)	___	___	___Unk Hydcbns(5)
Other(6)	___	___	___VOCs(6)
			___Other(8)

Example: GW was potential now known impact. Mark known with an A and put D in potential GW. If substance was fuel oil and diesel was also found put A on line next to diesel.

Please indicate (C) Change or (A) Addition

Responsible Party C/A

Name: _____
Address: _____
_____
Telephone: (___) ___-_____

Consultant C/A

Name: _____
Contact: _____
Address: _____
_____
Telephone: (___) ___-_____

ENFORCEMENT ACTION TAKEN

Action	Date	Comment
Workplan Received	___/___/___	_____
Workplan Approved	___/___/___	_____
____	___/___/___	_____
____	___/___/___	_____

COMMENTS: _____

LUST CASE PRIORITY SCREENING WORKSHEET

Emergency Factors

___Contaminated private or public well >NR140 ES
___Explosive or toxic vapors in structures
___Threat of fire

High factors

___Floating product including sheen
___GW contamination >NR140 ES
___Impacted surface water-wetland, trout stream, etc. impacted
___Saturated soil contamination posing a risk to groundwater

Medium factors

___Moderate (100-500 ppm TPH) soil contamination with moderate potential for impacting groundwater
___Impacted surface water-no critical habitat threats
___Groundwater contamination >NR140 PAL

Low factors

___Soil contamination (less than 100 ppm TPH) which appears to have a limited potential for impacting groundwater
___Initial remedial action has substantially reduced environmental threat

Unknown factors

___Inadequate information to assign a high, medium, or low ranking

OVERALL RANKING: The screening rank for the site along with the date of ranking.

Circle one, date and initial _____HIGH _____MEDIUM _____LOW _____UNKNOWN

SCORING IS ONLY FOR HIGH PRIORITY CASES SCORE_____

GW & SOILS (circle one)

20 Municipal Well
18 >6 private wells
16 4-6 private wells
14 2-3 private wells
12 1 private well
10 Soil & GW within 1200' of a public well >ES
8 Soil & GW within 1200' of one or more private wells >ES
6 GW contamination >ES
4 GW contamination <ES
2 Soil contamination

EXPLOSIVE OR TOXIC VAPORS (circle one)

	Confirmed	Potential	
	20	10	Explosive levels in a residence or building
		8	Explosive levels in a sewer or structure
	12	6	Toxic levels in a residence or building

HYDROGEOLOGIC SETTING (circle one)

12 Permeable stratigraphy (gravel, sand, fractured bedrock) and gw w/in 25 feet
10 Permeable stratigraphy and gw greater than 25 feet below ground surface
8 Moderately permeable stratigraphy (silty sands, silty gravel, clayey sands) and gw w/in 25 feet of ground surface
6 Moderately permeable stratigraphy and gw greater than 25 feet of ground surface
4 Impermeable stratigraphy (silt, clayey silt, sand clays) and gw w/in 25 feet of ground surface
2 Impermeable stratigraphy and gw greater than 25 feet of ground surface

TYPE OF PRODUCT (circle one)

8 Gasoline, mixture of gasoline and other products, other light petroleum products
6 Diesel, fuel oil
2 Bunker oil, other heavy oils or crude fractions

Date Entered in tracking: 4/20/93 rev.8/91 eds

ROUTE BACK TO JIM RABIDEAU AFTER FINAL SIGNING

JR cc'd X
CL Sent ___
BGU cc'd X

WDNR CASE# 8-306

CASE SUMMARY AND CLOSEOUT

PRELIMINARY REVIEW:
HOSTAK [signature]

REMEDIAL ACTION COMPLETED
CASE CLOSEOUT
DATE: 4-8-93
ROUTE TO:
☑ URBEN [signature]
☑ BARNUM [signature]
☑ STOLL [signature]

PROJECT MANAGER: Unassigned Matt Hostak

FIRM OR AGENCY: DNR

DATE: 4-7-93

NAME OF SITE: Parsons Ski Doo

LOCATION: Hilbert, WI COUNTY: Calumet

TYPE OF DISCHARGE: LUST X Spill ___ Other ___ Unknown ___

CONTAMINATION TYPE: B-TEX ___ Compounds TPH

CONTAMINATION PRESENT IN: Soils X Groundwater ___ Other ___

DEGREE OF CONTAMINATION:

SOIL:

Extent Defined: Yes X No ___ N/A ___

Lab Analysis X Field Analysis ___ No Data ___

Methodology and/or Detection Devices TPH

Number of Sample Points ___

Contaminant	Premediation Concentration Date 11/89	Date	Post-Remediation Concentration Date 11/89	Date	Applicable Standards
TPH	150ppm		~~ND~~ 11ppm		

Remedial Action Taken: Soil was excavated & brought to Ridge View landfill in Whitelaw

Justifications for Closure: 1) contaminated soil removed
2) natural soils reddish brown silty clays
3) Post remediation 11ppm
4)

Remedial Action Completed: Yes ✓ No ___

This recommendation for case closure is based on all the available data as of this date 4/7/93 and submitted by Jim Rabideau of DNR

GROUNDWATER:

Groundwater Encountered: Yes_____ No_____

Depth to Groundwater: _____

Groundwater Impacted: Yes_____ No_____

Extent Defined: Yes _____ No _____ N/A _____

Lab Analysis _____ Field Analysis _____ No Data _____

Methodology and/or detection devices_____

Groundwater Monitoring:

Excavation Water	_____	None _____
Number of Sumps	_____	None _____
Number Temporary Wells	_____	None _____
Number Permanent Wells	_____	None _____
Number Water Supply Wells	_____	None _____

Number of Sample Rounds _____

NA

Contaminant	Premediation Concentration Date	Date	Post-Remediation Concentration Date	Date	Applicable Standard(s)

Remedial Action Taken: _____

Justifications for Closure: 1)_____

2)_____

3)_____

4)_____

Remedial Action Completed: Yes _____ No _____

Has this site been remediated to current standards? Yes _____ No _____

This recommendation for case closure is based on all the available data as of this date_____and submitted by

_____of_____.

(Name) (Firm or Agency)

SUMMARY OF CASE: 250 gallon waste oil tank was removed from Parson's Ski Doo & the contaminated soil was brought to Ridgeview land fill in white lake. Post remediation was happy

COMMITTEE RECOMMENDATION:

Remedial Action Completed: Yes X No _____

Further Work Needed: _____

(TEL.LOG)

TELEPHONE LOG

SITE NAME: Parson's Ski-Doo **DATE:** 4-7-93

SITE NO.: 36 - **TIME:** 8:32

CONTACT : Chuck Parsons **PHONE NO.:** 414 853-3400

COMPANY/AGENCY: Owner

(2 ISSUES)

(1) ° All the contam'd soil (15 yd^3) was taken to Ridgeview land fill in Spring 1990.

→ O.K. then we'll recommend case closure. Will notify you in writing once it's approved.

(2) ° Installed new tanks installed in fall '89, ~~now~~ w

1 - 10,000 gal gasoline
2 - 4,000 gal gasoline

° Now wants to remove them. He has "monitor wells" in place (supposedly as leak detection), does he need to do closure sampling, or can he just sample the wells?

→ That's a DILHR issue, TT Carl Frisque.

→ But it's my understanding that in some cases:

- If there's an approved leak detection system in operation at the time of closure, and
- If it shows no release, the
- Don't need to collect closure samples,
- But still need to conduct ~~closure~~ other closure requirements.

Foth & Van Dyke

2737 S. Ridge Road
P. O. Box 19012
Green Bay, WI 54307-9012
414/497-2500
FAX: 414/497-8516

January 24, 1990

89E18-1

Mr. Alan T. Nass
LUST Coordinator
Lake Michigan District Headquarters
Wisconsin Department of Natural Resources
1125 North Military Avenue
P. O. Box 10448
Green Bay, WI 54307-0448

Dear Mr. Nass:

RE: Excavation and Removal of an Underground Storage Tank at Parson's Ski Doo - Town of Hilbert, Wisconsin - Site Assessment and Remediation Report

INTRODUCTION

This letter report presents results of our soil monitoring and sampling program in connection with the removal of an underground storage tank (UST) at Parson's Ski Doo located in Hilbert, Wisconsin. Our program was performed at the request of Environmental Management Professionals, Inc. (ENPRO). An investigation of soil and groundwater conditions beneath and adjacent to the UST was conducted. A sketch map of the site and excavation, including soil sample locations, is shown in Figure No. 1. A portion of the U.S. Geological Survey 7.5' topographic map of the area is included as Figure No. 2

SCOPE OF WORK

Foth & Van Dyke provided equipment as well as experienced personnel and performed the following services:

- Monitored the excavation, using a photo-ionization detector (PID) calibrated to Isobutylene as well as visual inspections to check for petroleum hydrocarbon staining in the soil adjacent to and below the UST.
- Advised concerning the excavation of contaminated soils as well as contaminated soil disposition.
- Obtained representative soil samples from the completed excavation and from the excavated contaminated materials to document levels of petroleum hydrocarbon contamination in the soils.
- Submitted soil samples for appropriate analysis.
- Obtained all necessary data and input to complete this report.

50 years

SITE LOCATION AND TOPOGRAPHY

Parson's Ski Doo is located adjacent to Highway 57 to the west of Milwaukee Street. Surface elevation at the site is approximately 830 feet above mean sea level, and the ground surface at the site is relatively flat. The tank excavation and removal was located as depicted on Figure No. 1.

WORK FUNCTIONS

ENPRO was the general contractor for this project, arranging for excavation, for Foth & Van Dyke's scope of work, and for tank cleaning and removal. Jannette Trucking and Excavating of Chilton, Wisconsin, performed the excavation work. Tank cleaning, de-gassing, and disposal were handled by JAVCO, Inc. of De Pere, Wisconsin. Mr. Denny Schultz, Fire Chief for the Town of Hilbert, was present during excavation and stockpiling activities.

EXCAVATION AND REMOVAL OF THE UST

On November 10, 1989, Jannette Trucking and Excavating removed one 250-gallon UST from Parson's Ski Doo in Hilbert, Wisconsin. The UST was approximately 40 years old and was used for holding crankcase oil. Soil discolorations noted adjacent and beneath the former UST location were a deep black.

Following removal of the UST, soils were excavated both vertically and laterally until soil colorations were normal and PID readings were $\leq$ 0.5 ppm. Excavated contaminated soils were stockpiled separately at the location depicted on Figure No. 1. A verification soil sample (SS-1) was taken from a depth of nine feet in the excavation in the position shown on Figure No. 1. No groundwater was observed in the excavation.

Excavated soils which were not identified as contaminated were backfilled into the excavation, and clean imported fill was also used to bring the excavation back to grade. Backfilled excavations were then compacted with heavy equipment.

After removal from the excavation, the exterior of the UST was examined by Foth & Van Dyke personnel. Large amounts of rust, together with some dents, were observed on the exterior of the UST, but no severe corrosion, holes, or cracks were observed. Following purging and cleaning by JAVCO, the tank was again examined and numerous pinhole-sized holes were observed on the tank butt end seam welds.

SOIL STOCKPILE

Contaminated soils were segregated and stockpiled on-site on a layer of plastic. The approximate location of the stockpile area is shown in Figure No. 1. The entire stockpile area was then covered with plastic when excavation activity was completed. Estimated total stockpile volume is approximately 15 cubic yards. A Waste Management profile analysis sample (Protocol B) with a PCBs screen was taken from the stockpile and is identified as SS-2 in Attachment No. 1.

SOILS

The soils excavated during this tank removal operation consisted of silty medium-grained sands, probably used as backfill during tank emplacement, and naturally-occurring reddish-brown silty clays. The layer immediately below the backfill sand is a grayish-brown silt loam which transitions through a reddish-brown clay to a reddish-brown silty clay.

The U. S. Department of Agriculture's Soil Survey of Calumet and Manitowoc Counties, Wisconsin classifies the soils at the site as a Manawa (MbA) silty clay loam. This soil type is characterized by zero to three percent slopes with slowly permeable and poorly draining soils.

SOIL SAMPLING METHODOLOGY

Soil grab samples were placed into Teflon^{R}-capped, sterilized glass jars or Teflon^{R}-capped, plastic containers and refrigerated by use of a cooler and ice. Samples were transported to the Oneida Environmental Technology Center (ORTEK), a Wisconsin-certified laboratory located in Green Bay, Wisconsin. Samples were handled according to EPA protocol including chain-of-custody procedures. A copy of the chain-of-custody form is included in Attachment No. 1.

ANALYTICAL RESULTS

The verification soil sample collected from beneath the former UST location was analyzed for total petroleum hydrocarbons (TPH) by means of infrared spectrophotometry (IR). Results of the analysis are documented in Attachment No. 1. The result for the soil sample SS-1 was 11 mg/kg (milligrams per kilogram). The detection limit for this analysis was 6.3 mg/kg.

POST-EXCAV'N SAMPLE

The soil sample series collected from the contaminated soil stockpile was submitted for analysis and the results are presented in Attachment No. 1. Total petroleum hydrocarbons were detected at a level of 150 mg/kg. No PCBs were detected in the sample. Metals were not present in toxic amounts, the flash point was >210 degrees Fahrenheit, there were no free liquids, and soil pH was 8.4.

CONCLUSIONS

A 250-gallon waste oil tank was pulled and removed from Parson's Ski Doo in Hilbert, Wisconsin. The verification soil sample was reported at 11 mg/kg for total petroleum hydrocarbons, which essentially meets the Wisconsin Department of Natural Resources' (WDNR) cleanup level of 10 mg/kg. The results of the Waste Management profile analysis indicate that the contaminated soils generated at this site are suitable for disposal at an engineered landfill.

RECOMMENDATIONS

Foth & Van Dyke recommends to the WDNR that no further action is necessary at Parson's Ski Doo in Hilbert, Wisconsin. The stockpiled contaminated soils should be shipped to an engineered landfill.

CLOSING COMMENTS

Please call me if you have any questions or comments concerning this report. We will be happy to help in any way we can.

Sincerely,

FOTH & VAN DYKE

Joe D. Jacobsen

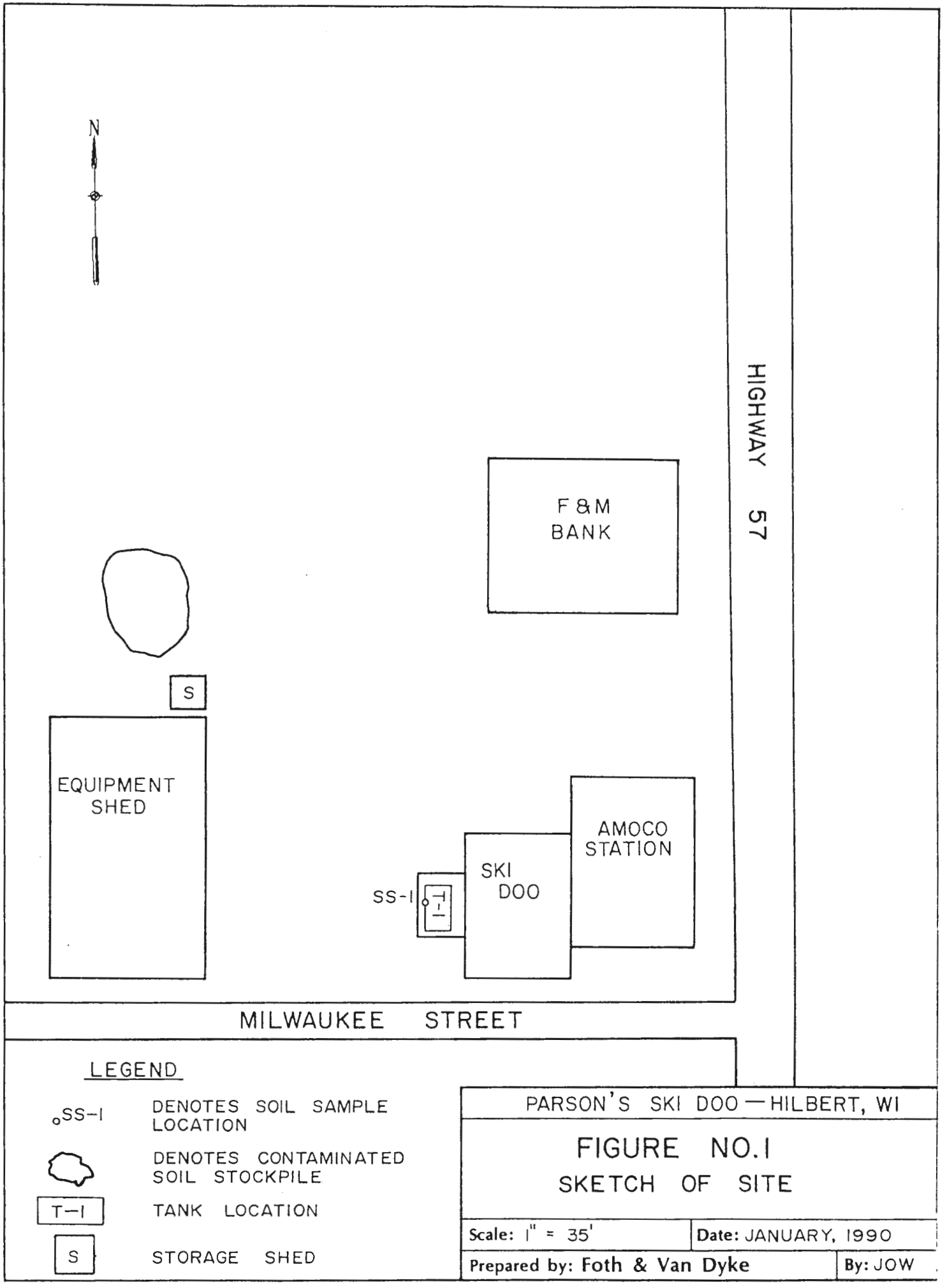
Joe D. Jacobsen
Project Scientist

wjm

JDJ/lb

Enclosure

cc: Charles Parsons, Owner (w/encl.)
Denny Schultz, Fire Chief, Hilbert, WI (w/encl.)
Steve Dvorak, ENPRO (w/encl.)

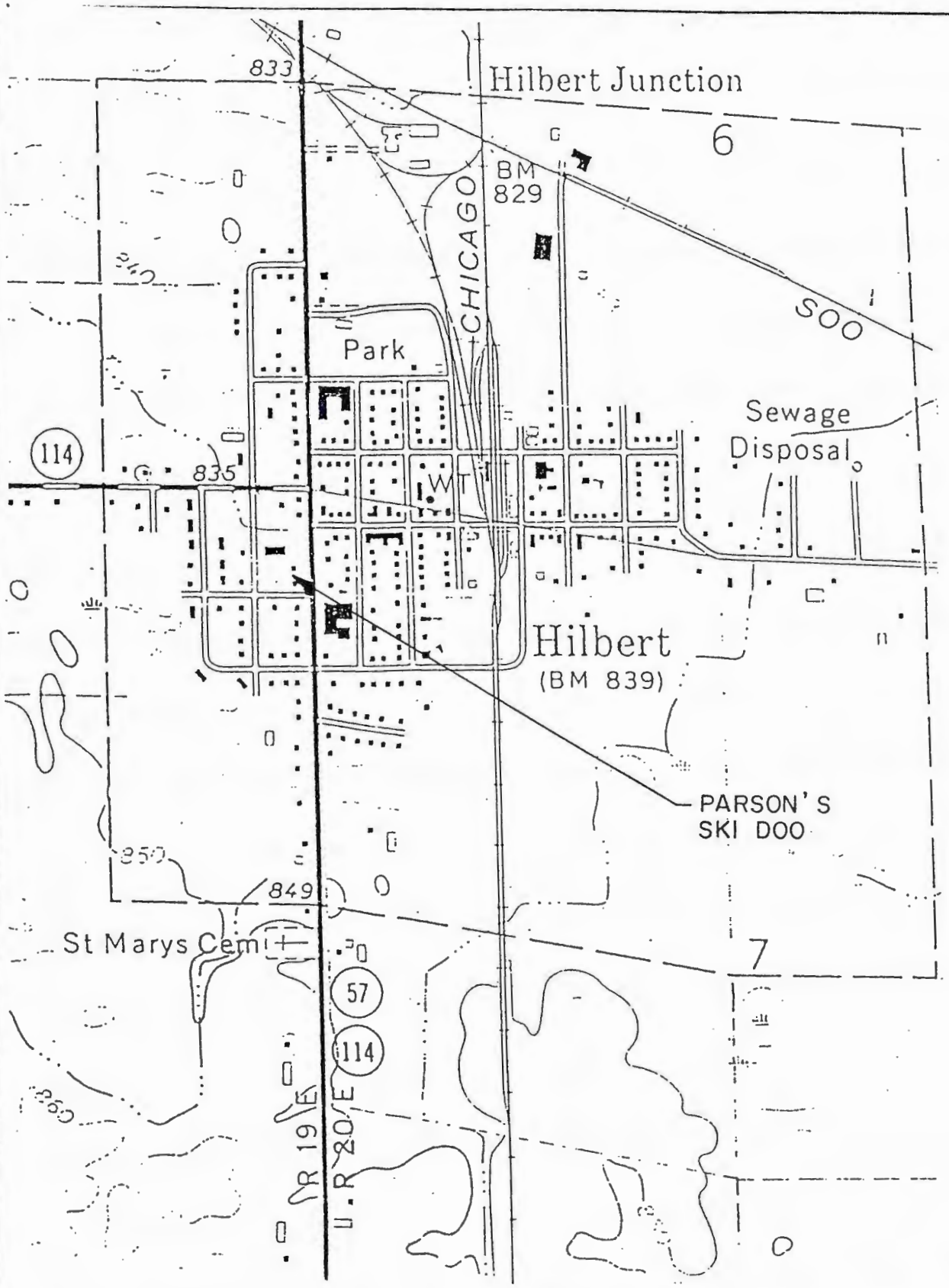


PARSON'S SKI DOO — HILBERT, WI

FIGURE NO.1

SKETCH OF SITE

Scale: 1" = 35'	Date: JANUARY, 1990
Prepared by: Foth & Van Dyke	By: JOW



PARSON'S SKI DOO—HILBERT, WI

FIGURE NO. 2

U.S. GEOLOGICAL SURVEY MAP

Scale: 1" = 1000'	Date: JANUARY, 1990
Prepared by: Foth & Van Dyke	By: JOW

ATTACHMENT NO. 1

Analytical Results

ORTEK
Oneida Environmental Technology Center
2496 West Mason Street
P. O. Box 12435
Green Bay, WI 54307-2435
Telephone: (414) 498-2222

LABORATORY ANALYSIS RESULTS

W.D.N.R. LAB CERT. NO. 405099530

Client	FOTH & VAN DYKE	Sampled By	J JACOBSON
Address	2737 S RIDGE ROAD GREEN BAY WI 54304	P.O. # Job # 89E18 Report to: B BURTON	
Name of Rep.		Invoice #	4403
Telephone No.	(414) 497-2500	Result Sheet No.	271.00

Sample I.D. SS-2

ORTEK Sample I.D. ENP 1751 B
Date Collected 11/10/89
Date Received 11/10/89

Parameters	Results	Results Date Analyzed	Detection Limit	Units
pH	8.4	11/13		Std. Units
Specific Gravity	2.02	11/15		
Total Solids	84	11/16	0.1	%
Free Liquids	ND			
Flash Point	> 210	11/27		Degrees F
Cyanide Free	ND	11/28	0.50	mg/kg dry wt.
Parr Bomb Chloride	ND	11/22	0.07	%
Sulfide	ND	11/17	25	mg/kg dry wt.
Phenols	ND	11/18	0.25	mg/kg dry wt.
E.P. Tox. Zinc	1400	11/20	20	ug/l
E.P. Tox. Arsenic	15	11/30	0.3	ug/l
E.P. Tox. Barium	440	11/20	10	ug/l
E.P. Tox. Cadmium	ND	11/20	5	ug/l
E.P. Tox. Chromium	ND	11/20	13	ug/l
E.P. Tox. Copper	ND	11/20	14	ug/l
E.P. Tox. Mercury	ND	11/29	0.12	ug/l
E.P. Tox. Lead	ND	11/20	58	ug/l
E.P. Tox. Nickel	ND	11/20	23	ug/l
E.P. Tox. Selenium	ND	12/01	250	ug/l
E.P. Tox. Silver	ND	11/20	9	ug/l
T. Arsenic	15	11/30	0.3	mg/kg dry wt.
T. Mercury	ND	11/29	0.12	mg/kg dry wt.

ND = Not Detected

Comments:

Signed: David Turriff Date: December 11, 1989

Oneida Environmental Technology Center
[redacted] West Mason Street
P.O.Box 12435
Green Bay, WI 54307-2435
Telephone No.: (414) 498-2222

LABORATORY ANALYSIS RESULTS

Client: Foth & Van Dyke
Address: P.O. Box 19012
2737 S. Ridge Rd.
Green Bay, WI 54307-9012

Attn.: B. Burton
Telephone No.: (414) 497-2500

Sample ID: Enpro-Skidoo
Sample Desc: SS-2B
Date Collected: 11/10/89
Date Received: 11/10/89
Sampled By: J. Jacobsen
Report to: B. Burton
Results Sheet #: 271
Job #:

PCB/PESTICIDE SOIL ANALYSIS

PARAMETER	DETECTION LIMIT	CONCENTRATION	UNITS *
Aroclor 1016	0.020	ND	mg/kg
Aroclor 1221	0.020	ND	mg/kg
Aroclor 1232	0.020	ND	mg/kg
[redacted]lor 1242	0.020	ND	mg/kg
Aroclor 1248	0.020	ND	mg/kg
Aroclor 1254	0.020	ND	mg/kg
Aroclor 1260	0.020	ND	mg/kg

ND = Not Detected
* = Dry Weight Basis

Comments: Lab Sample ID: ENP1751 B
: Date Analyzed: 11/28/89
: Analyzed by GC Method 608 on a 1.5%SP2250/1.95%SP2401 Packed Column

Signed: David Turnoff Date: December 6, 1989

SPECIAL WASTE ANALYSIS REPORT

LOCATION OF ORIGINAL

This Report is intended for the sole use and benefit of Waste Management and its companies. No representation concerning significance of the reported data is made to any other person or entity.

Waste Profile Sheet Code
FROM SAMPLE CONTAINER

LABORATORY NAME: CRTEK

ADDRESS: 2496 W Mason St. Green Bay WI 54303 LAB MGR. PHONE: 414 498 2222

DATE SAMPLE RECEIVED AT LAB: 11/10/89 DATE SAME TAKEN: 11/10/89

LAB SAMPLE NUMBER ASSIGNED: ENV 17513 CERTIFICATION OF REP. SAMPLE OBTAINED? ☐ YES ☒ NO

CERTIFICATION: Except as explicitly noted, all analytical data reported below were obtained under my direction and supervision. For Chemical Waste Management, Inc. companies, sample preparation and analytical methods and analytical equipment specified or approved in the facility's waste analysis plan were used in conducting this analysis. This laboratory follows a quality assurance control program.

DATE OF REPORT: 12/8/89 SIGNATURE: David Turriff

LAB MANAGER NAME: David Turriff

PHYSICIAL CHARACTERISTICS OF WASTE

SAMPLE VOLUME	COLOR	DOES THE WASTE HAVE A STRONG INCIDENTAL ODOR?	PHYSICAL STATE @ 70° F	LAYERS	FREE LIQUIDS
520g	Brown	☒ YES ☐ NO IF KNOWN, DESCRIBE Fuel Oil	☒ SOLID ☐ SEMI-SOLID ☐ LIQUID ☐ POWDER	☐ MULTILAYERED ☐ BI-LAYERED ☒ SINGLE PHASED	☐ YES ☒ NO VOLUME: 0.0 %

✓	Test	As Received	Extraction Procedure	Date of Analysis	✓	Test	As Received	Extraction Procedure	Date of Analysis
	Specific Gravity	2.02		11/15/89		Sulfur, as S, %			
	pH, s.u.	8.4		11/13/89					
	Acidity, %, as					Phenols, mg/l	<0.25		11/18/89
	Alkalinity, %, as					Cyanides, as CN, Total mg/l			
	C.O.D., mg/l					Cyanides, as CN, Free mg/l	<0.50		11/28/89
	B.O.D., mg/l					Ammonia Nitrogen, as N, mg/l			
	Total Solids @ 105°C, %	84		11/16/89		Total Kjeldahl Nitrogen, as N, mg/l			
	Total Dissolved Solids, mg/l								
	R.O.E. @ 180°C, mg/l					Total Alkalinity, P, as $CaCO_3$, mg/l			
	Pan Bomb C1 %	<0.07		11/22/89		Total Alkalinity, M, as $CaCO_3$, mg/l			
	Flash Point, °F (closed cup)	>210		11/27/89		Total Hardness, as $CaCO_3$, mg/l			
	Ash Content, on ignition, %					Calcium Hardness, as $CaCO_3$, mg/l			
	Heating Value, BTU/lb					Magnesium Hardness, as $CaCO_3$, mg/l			
	TPH *	150		12/1/89					
	Arsenic, as As, mg/l	15		11/30/89		Oil and Grease, mg/l			
	Barium, as Ba, mg/l		0.44	11/20/89		Paint Filter Test, free liquids, %	0.0		11/15/89
	Cadmium, as Cd, mg/l		<0.005	11/20/89		Water Content, as H_20, %			
	Chromium, Total, as Cr, mg/l		<0.013	11/20/89					
	Chromium, Hexavalent, as Cr^{+6}, mg/l					Aldrin, mg/l			
	Cobalt, as Co, mg/l					Chlordane, mg/l			
	Copper, as Cu, mg/l		<0.014	11/20/89		DDT, mg/l			
	Iron, Total, as Fe, mg/l					Dieldrin, mg/l			
	Iron, Dissolved, as Fe, mg/l					Heptachlor, mg/l			
	Lead, as Pb, mg/l		<0.058	11/20/89		Parathion, mg/l			
	Manganese, as Mn, mg/l					Endrin, mg/l			
	Magnesium, as Mg, mg/l					Lindane, mg/l			
	Mercury, as Hg, mg/l	<0.12	<0.0002	11/29/89		Methoxychlor, mg/l			
	Nickel, as Ni, mg/l		<0.023	11/20/89		Toxaphene, mg/l			
	Selenium, as Se, mg/l					2,4-D, mg/l			
	Silver, as Ag, mg/l		<0.009	11/20/89		2,4,5-TP (Silvex), mg/l			
	Thallium, as Tl, mg/l								
	Zinc, as Zn, mg/l		1.4	11/20/89		PCBs, mg/l	<0.02		11/28/89
	Bicarbonates, as HCO_3, mg/l					pH Screen, s.u.			
	Bromides, as Br, mg/l					Cyanide Screen, (+,-)			
	Carbonates, as CO_3, mg/l					Flammability Screen, (+,-)			
	Chlorides, as Cl, mg/l					Oxidizer Screen, (+,-)			
	Fluorides, as F, mg/l					Radiation Screen, (+,-)			
	Nitrates, as NO_3, mg/l					Sulfide Screen, (+,-)			
	Nitrites, as NO_2, mg/l					Water Mix Screen, (+,-)			
	Phosphates, as P, mg/l								
	Sulfates, as SO_4, mg/l								
	Sulfides, as S, mg/l	<25		11/17/89					

ORTEK.
Oneida Environmental Technology Center
2496 West Mason Street
P. O. Box 12435
Green Bay, WI 54307-2435
Telephone: (414) 498-2222

LABORATORY ANALYSIS RESULTS

W.D.N.R. LAB CERT. NO. 405099530

Client	FOTH & VAN DYKE	Sampled By	J JOCOBSON
Address	2737 S RIDGE RD GREEN BAY WI 54304	P.O. # Job # Report to: B BURTON	
Name of Rep.		Invoice #	
Telephone No.	(414) 497-2500	Result Sheet No.	271.02

Sample I.D.	SS-1	SS-2		
ORTEK Sample I.D.	ENP 1751 A	ENP 1751 B		
Date Collected	11/10/89	11/10/89		
Date Received	11/10/89	11/10/89		
Parameters	Results	Results	Detection Limit	Units
TPH	11	150	6.3	mg/kg dry wt.

ND = Not Detected

Comments:

Signed: David Turriff Date: December 11, 1989

LMD LUST TRACKING UPDATE

Hypossible Closeout

Date: 8-22-91
Initials: JD

PLEASE INDICATE IF IT IS A CHANGE OR ADDITION

Site Name: Parson's Ski Doo Address: 83 S 8th Street
Unique ID: 08-306

Project Mgr: Hegman Legal Municipality: _____
Legal Desc.: ___¼ ___¼ Sec___ T___ R___ E/W

Date of Initial Contact: 11/10/89 Date of Letter: ___/___/___ Date Site Closure Approved: ___/___/_

Priority Screening
___1 = High
___2 = Medium
___3 = Low
___4 = Unknown

SCORE: _____

LUST Trust Eligible
___1 = Federal
___2 = Non-federal

CASE STATUS

Please indicate (C) Change or (A) Addition

C/A	STATUS	DATE INITIATED	DATE COMPLETED	COMMENTS
___	No Action Taken(N)	___/___/___	___/___/___	
___	RP Emergency Response(E)	___/___/___	___/___/___	
___	LTF Emergency Response(R)	___/___/___	___/___/___	
A	Field Investigation(I)	11/10/89	11/10/89	removal of UST Closure assess.
A	Remedial Action(C)	11/10/89	11/10/89	excavation of soil & stockpiled
___	Long Term Monitoring(L)	___/___/___	___/___/___	

Please indicate Addition or Deletion A/D.

	Known Impacts	Potential Impacts	Substance
Fire/Explosion(1)	___	___	___Leaded Gas(1)
Contaminated Private Well(2)	___	___	___Unleaded Gas(2)
Contaminated Public Well(3)	___	___	___Diesel(3)
Groundwater Contam.(4)	___	___	___Fuel Oil(4)
Soil Contamination(5)	___	___	___Unk Hydcbns(5)
Other(6)	___	___	___VOCs(6)
			___Other(8)

Example: GW was potential now known impact. Mark known with an A and put D in potential GW. If substance was fuel oil and diesel was also found put A on line next to diesel.

Please indicate (C) Change or (A) Addition

Responsible Party C/A

Name: _____
Address: _____
_____
Telephone: (___) ___-_____

Consultant C/A

Name: _____
Contact: _____
Address: _____
_____
Telephone: (___) ___-_____

ENFORCEMENT ACTION TAKEN

Action	Date	Comment
___	___/___/___	
___	___/___/___	

LUST CASE PRIORITY SCREENING WORKSHEET

Emergency Factors

___Contaminated private or public well >NR140 ES
___Explosive or toxic vapors in structures
___Threat of fire

High factors

___Floating product including sheen
___GW contamination >NR140 ES
___Impacted surface water-wetland, trout stream, etc. impacted
___Saturated soil contamination posing a risk to groundwater

Medium factors

___Moderate (100-500 ppm TPH) soil contamination with moderate potential for impacting groundwater
___Impacted surface water-no critical habitat threats
___Groundwater contamination >NR140 PAL

Low factors

___Soil contamination (less than 100 ppm TPH) which appears to have a limited potential for impacting groundwater
___Initial remedial action has substantially reduced environmental threat

Unknown factors

___Inadequate information to assign a high, medium, or low ranking

OVERALL RANKING: The screening rank for the site along with the date of ranking.

Circle one, date and initial _____HIGH _____MEDIUM 8/22/91 LOW possible closeout ____UNKNOWN

SCORING IS ONLY FOR HIGH PRIORITY CASES **SCORE**_____

GW & SOILS (circle one)

20 Municipal Well
18 >6 private wells
16 4-6 private wells
14 2-3 private wells
12 1 private well
10 Soil & GW within 1200' of a public well >ES
8 Soil & GW within 1200' of one or more private wells >ES
6 GW contamination >ES
4 GW contamination <ES
2 Soil contamination

EXPLOSIVE OR TOXIC VAPORS (circle one)

	Confirmed	Potential	
	20	10	Explosive levels in a residence or building
		8	Explosive levels in a sewer or structure
	12	6	Toxic levels in a residence or building

HYDROGEOLOGIC SETTING (circle one)

12 Permeable stratigraphy (gravel, sand, fractured bedrock) and gw w/in 25 feet
10 Permeable stratigraphy and gw greater than 25 feet below ground surface
8 Moderately permeable stratigraphy (silty sands, silty gravel, clayey sands) and gw w/in 25 feet of ground surface
6 Moderately permeable stratigraphy and gw greater than 25 feet of ground surface
4 Impermeable stratigraphy (silt, clayey silt, sand clays) and gw w/in 25 feet of ground surface
2 Impermeable stratigraphy and gw greater than 25 feet of ground surface

TYPE OF PRODUCT (circle one)

8 Gasoline, mixture of gasoline and other products, other light petroleum products
6 Diesel, fuel oil
2 Bunker oil, other heavy oils or crude fractions

Date Entered in tracking: 8/26/91

REV. 10/89 #306

DEPARTMENT OF NATURAL RESOURCES
LEAKING UNDERGROUND STORAGE TANK

COMPUTER TRACKING
FORM 4400

PMN#: _____ FID#: _____

PROJECT MGR: A. NASS

SUPPORT PERSON: Kms

DISTRICT: _____ COUNTY: 08 CALUMET HNDI: ____

SITE NAME: PARSON'S SKI DOO

ADDRESS: MILWAUKEE ST

HILBERT, WI (TN) CITY VIL

LEGAL DESC: NE 1/4 NE 1/4 SEC 12 T 19 R 19 (E) W

DATE OF INITIAL CONTACT: ___/___/___ (mo day yr)

DATE OF RP LETTER: ___/___/___ (mo day yr)

DATE SITE CLOSURE APPROVED: ___/___/___ (mo day yr)

LUST TRUST ELIGIBLE: (x)
X 1 = FEDERAL
___ 2 = NON-FEDERAL

STATUS: (X)
___ 1 = STATE LEAD
X 2 = RP LEAD

PRIORITY SCREENING: (X)
___ 1 = HIGH SCORE: 8
___ 2 = MEDIUM
X 3 = LOW
___ 4 = UNKNOWN

(see worksheet on back)

FUNDING SOURCE: (X)
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	___/___/___	___/___/___	
X FIELD INVESTIGATION	01/24/90	___/___/___	SITE ASSESSMT
___ REMEDIAL ACTION	___/___/___	___/___/___	
___ LONG TERM MONITORING	___/___/___	___/___/___	

FIRM OR PERSON RESPONSIBLE: PARSON'S SKI DOO

CONTACT: Charles Parsons

ADDRESS: MILWAUKEE ST

HILBERT, WI

PHONE: 414, 853-3400

(list additional on separate list & attach)

CONSULTANT: FOTH + VAN DYKE

CONTACT: JOE JACOBSEN

ADDRESS: GREEN BAY, WI

PHONE: 414, 497-2500

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	X	___
OTHER: _____	___	___

SUBSTANCES:(X) QUANTITY DISCHARGED:(gals) _____

___ LEADED GAS ___ VOCS
___ UNLEADED GAS ___ PESTICIDE
___ DIESEL
___ FUEL OIL
___ UNKNOWN HYDROCARBONS
___ OTHER WASTE O/L

ENFORCEMENT ACTION TAKEN

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

ACTION (code from above)	DATE (mo/day/yr)	COMMENT:
07	1/24/90	Site Assessment / Remediation Report
___	___/___/___	
___	___/___/___	
___	___/___/___	

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

OVER ALL CASE COMMENT: Removal of UST and contam. soil Nov 10, 1989. Soils were stockpiled and should be shipped to a landfill.

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.)

X Soil contamination which appears to have a limited potential for impacting groundwater.
X 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_____LOW_____UNKNOWN

COMMENT:_____

_____

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

1. GROUNDWATER & SOILS: (circle one)

POINTS	Documented Petroleum Contamination:
20	Municipal well
18	>6 private wells
16	4 - 6 private wells
14	2 - 3 private wells
12	1 private well

POINTS	
8	Soil & gw within 1200' of a public well
6	Soil & gw within 1200' of one or more private wells
4	GW contamination, no wells within 1200'
(2)	Soil contamination

2. EXPLOSIVE OR TOXIC VAPORS: (circle one)

POINTS CONFIRMED	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) and groundwater within 25 feet of the ground surface.
10	Highly permeable sub-soils and groundwater more than 25 feet below ground surface.
8	Moderately permeable sub-soils (silty sands, silty gravel, clayey sands) and groundwater within 25 feet of ground surface
6	Moderately permeable sub-soils and groundwater greater than 25 feet below ground surface.
(4)	Low permeability sub-soils (silt, clayey silt, sand clays) and groundwater within 25 feet of ground surface.
2	Low permeability sub-soils and 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

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