The following site is being submitted for inclusion into the GIS registry:

This is a:	New Submittal
BRRTS ID (no dashes):	**0367000459**
Comm # (no dashes):	53033999906
County:	Washington
Region:	Commerce
Site name:	Kaul's Mini Store
Street Address:	1306 State Rd 175
City:	Hubertus
Closure Date	2001-01-10
Closure Conditions:	met
Offsite contamination?	No
Right-of-way contamination?	No
Contaminated media:	Groundwater
GPS Coordinates (meters in the **WTM91** projection)	
Easting (X):	667297.281981783
Northing (Y):	308672.199544455
Submitted by:	Cheryl Nelson

Checklist

- ☒ Final Closure Letter
- ☒ Copy of recorded deed Instrument for any property with GW >NR140 ES
- ☒ General Location Map
- ☒ Detailed Location Map showing property boundaries, buildings, etc for properties with GW >NR140 ES
- ☒ Latest Map(s) showing extent or outline of current GW plume
- ☒ GW flow direction
- ☒ MW(s) and/or potable wells
- ☒ Latest Table of GW results

Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES
101 W. Pleasant St. Suite 100A
Milwaukee, Wisconsin 53212
Fax #: (414) 220 5374
TDD #: (608) 264-8777
www.commerce.state.wi.us

Scott McCallum, Governor
Brenda J. Blanchard, Secretary

February 19, 2001

Mr. Dennis Kaul
Kaul Oil Co.
5931 N. 91st St.
Milwaukee, WI 53225

RE:**Final Case Closure** Kaul's Mini Store, 1306 Hwy 175, Hubertus, WI
Commerce # 53033-9999-06 WDNR BRRTS: 03-67-000459

Dear Mr. Kaul:

On February 2, 2001 the Department received the groundwater monitoring well abandonment forms and the deed notification from your consultant Advent Environmental Services, Inc. The Departments database has been update to reflect the closed status of your site.

If you have any questions, feel free to contact me at (414) 220-5375.

Sincerely,

Gregory S. Michael
Hydrogeologist
Department of Commerce
PECFA Site Review Section

cc: electronic storage
Advent

Document Number

NOTICE OF CONTAMINATION TO PROPERTY

DOC#: 870081

Recorded
NOV. 13, 2000 AT 12:55PM

DOROTHY C. BONNERING
REGISTER OF DEEDS
WASHINGTON COUNTY, WI
Fee Amount: $14.00

Legal Description of the Property: In re:

That part of the South East ¼ Section 13, Township 9 North, Range 19 East, Town of Richfield, Washington County, bounded and described as follows: commencing at intersection of center line of State Trunk Highway 175 and the centerline of the Hubertus Road, thence N. 17°33' West on center line of State Trunk Highway 175, 205', thence N. 87°53'30" East 316.42 feet, thence south 0°10' East 208.73 feet to the center line of Hubertus Road, thence N89°38' West on said center line 255.0' to the point of beginning.

Recording Area 14-3

Name and Return Address
Mr. Dennis Kaul
Kaul Oil Company
5931 North 91st Street
Milwaukee, WI 53225

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF WASHINGTON)

Section 1. Mr. Dennis Kaul of Kaul Oil Company is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property. Petroleum contaminated groundwater above NR 140 enforcement standards and soil contamination above NR 720 residual contaminant levels of the Wisconsin Administrative Code exist on this property in the area under the southeast corner of the canopy, extending south and east approximately 90 feet. See attached map, produced by Advent Environmental Services, Inc., Figure #1: Site Features and Estimated Contamination Extent.

Section 3. The owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and/or restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

And

Residual petroleum contaminated soil remains on this site in the area of the former tank basin, located southwest of the existing canopy, and under the canopy in the center of the property. It has been shown that these levels are protective of health and the

environment. If this contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable laws.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property has executed this document, this 13th day of November, 2000.

By signing this document, [he/she] acknowledges that [he/she] is duly authorized to sign this document on behalf of Kaul Oil Co., Inc.

Signature: _____

Printed Name: Dennis Kaul

Title: Pres

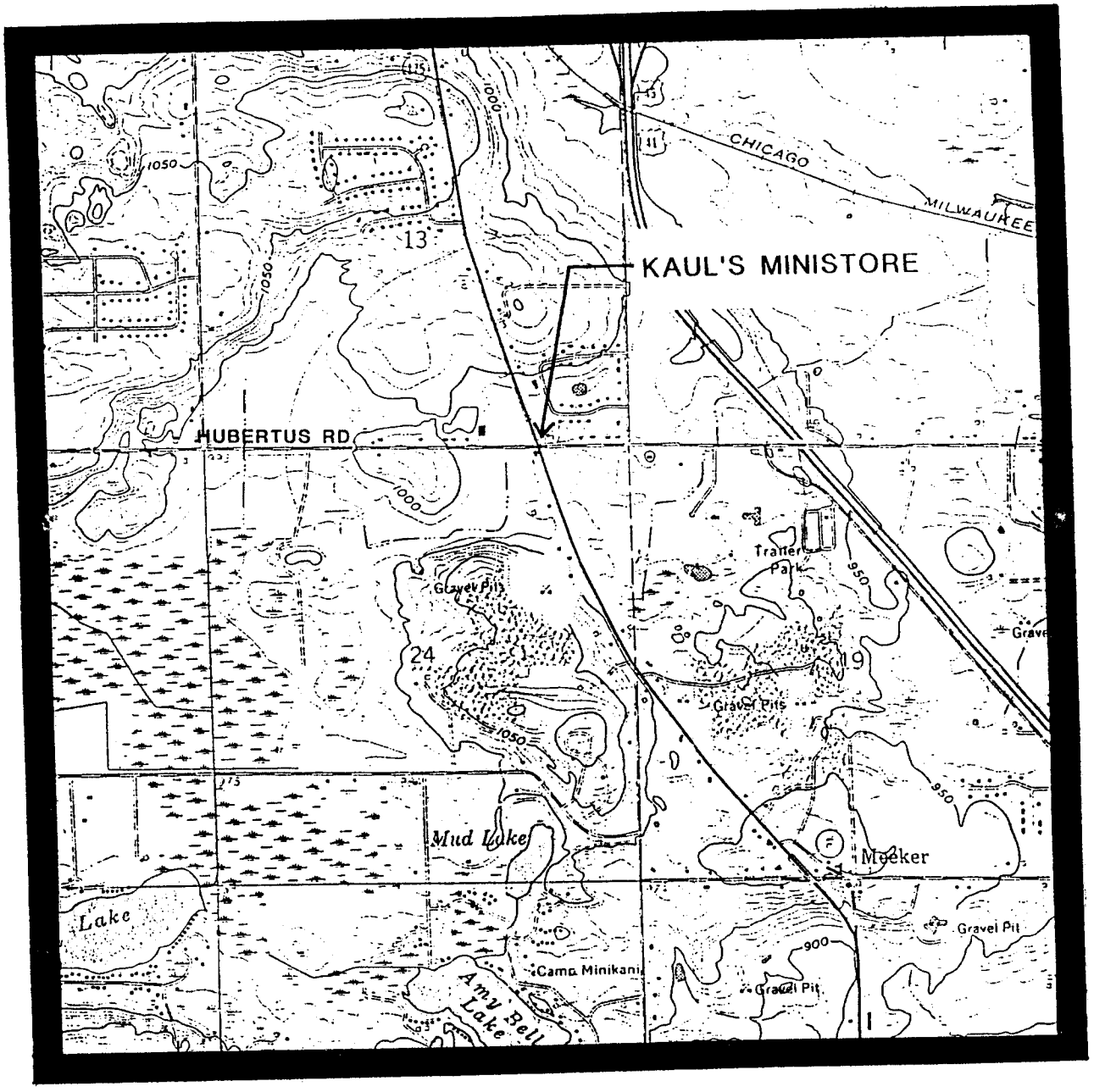
Subscribed and sworn to before me
this 13th day of November, 2000.

_____
Notary Public, State of Wisconsin
My commission 9-22-2002

Marlene E Garbisch

This document was drafted by the Wisconsin Department of Commerce.

GENERAL LOCATION MAP



SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

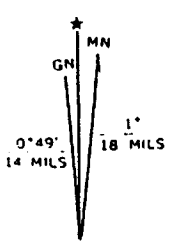
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

QUADRANGLE LOCATION

SUSSEX, WIS.

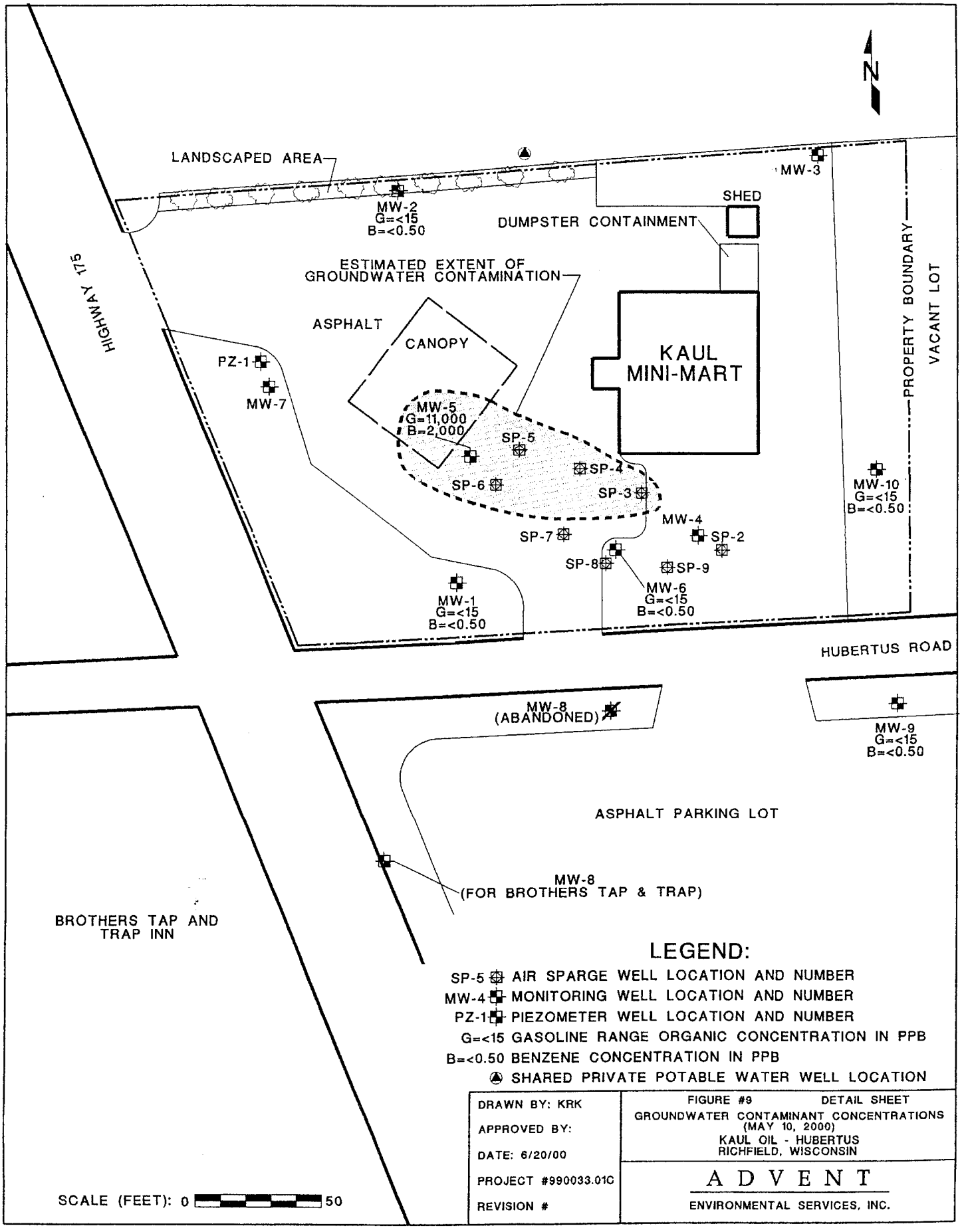
NW/4 WAUKESHA 15' QUADRANGLE
N4307.5—W8807.5/7.5

1959
PHOTOREVISED 1971
AMS 3370 II NW—SERIES V861



UTM GRID AND 1971 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

FIGURE 1


N
LANDSCAPED AREA
MW-2
G=<15
B=<0.50
MW-3
SHED
DUMPSTER CONTAINMENT
ESTIMATED EXTENT OF
GROUNDWATER CONTAMINATION
HIGHWAY 175
ASPHALT
CANOPY
KAUL
MINI-MART
PROPERTY BOUNDARY
VACANT LOT
PZ-1
MW-7
MW-5
G=11,000
B=2,000
SP-5
SP-4
SP-6
SP-3
MW-4
SP-7
SP-2
SP-8
SP-9
MW-6
G=<15
B=<0.50
MW-10
G=<15
B=<0.50
MW-1
G=<15
B=<0.50
HUBERTUS ROAD
MW-8
(ABANDONED)
MW-9
G=<15
B=<0.50
ASPHALT PARKING LOT
MW-8
(FOR BROTHERS TAP & TRAP)
BROTHERS TAP AND
TRAP INN
LEGEND:
SP-5 AIR SPARGE WELL LOCATION AND NUMBER
MW-4 MONITORING WELL LOCATION AND NUMBER
PZ-1 PIEZOMETER WELL LOCATION AND NUMBER
G=<15 GASOLINE RANGE ORGANIC CONCENTRATION IN PPB
B=<0.50 BENZENE CONCENTRATION IN PPB
SHARED PRIVATE POTABLE WATER WELL LOCATION
SCALE (FEET): 0
50
DRAWN BY: KRK
APPROVED BY:
DATE: 6/20/00
PROJECT #990033.01C
REVISION #
FIGURE #9 DETAIL SHEET
GROUNDWATER CONTAMINANT CONCENTRATIONS
(MAY 10, 2000)
KAUL OIL - HUBERTUS
RICHFIELD, WISCONSIN
ADVENT
ENVIRONMENTAL SERVICES, INC.

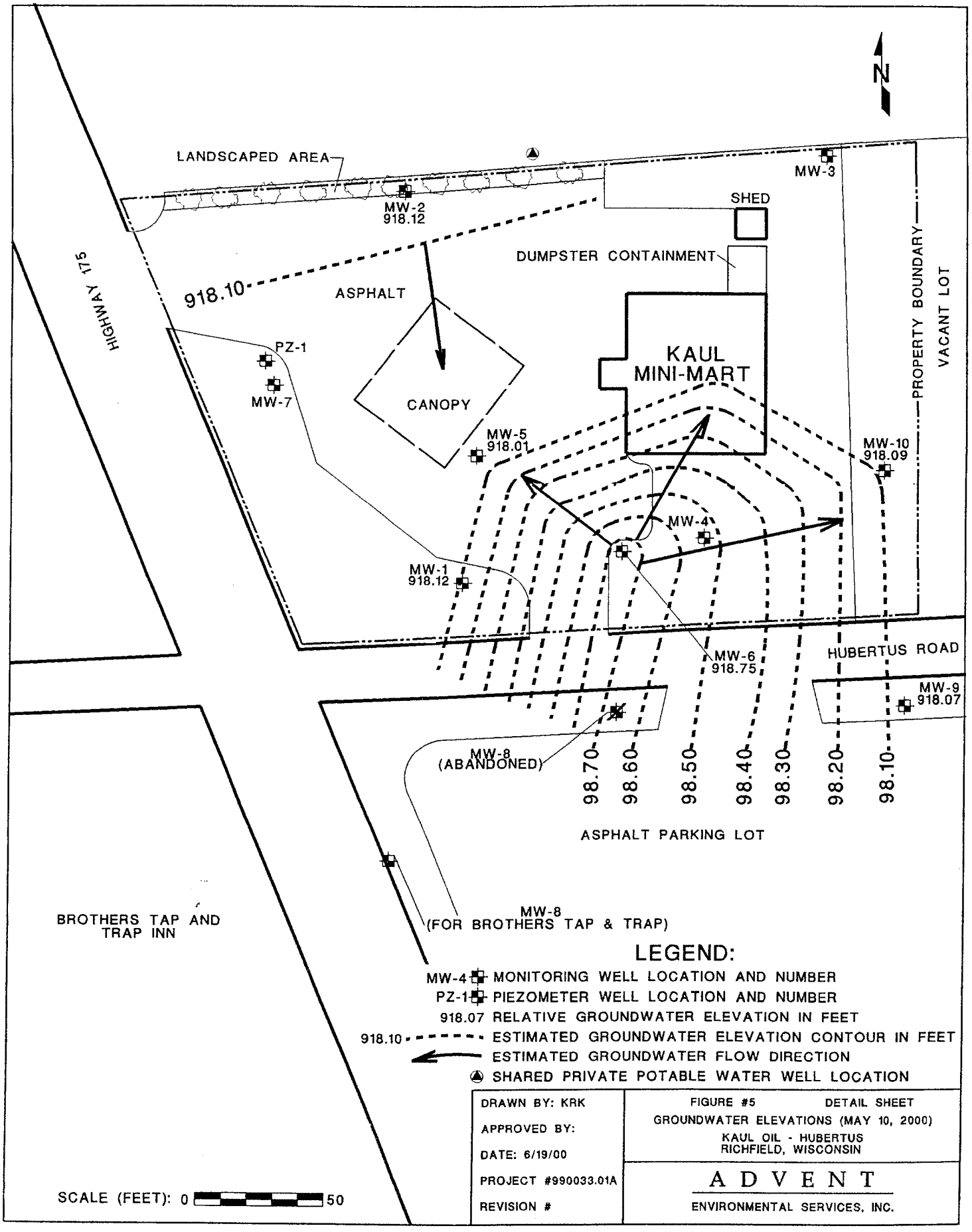

N
LANDSCAPED AREA
MW-2
918.12
MW-3
SHED
DUMPSTER CONTAINMENT
PROPERTY BOUNDARY
VACANT LOT
HIGHWAY 175
918.10
ASPHALT
PZ-1
MW-7
CANOPY
KAUL
MINI-MART
MW-5
918.01
MW-10
918.09
MW-4
MW-1
918.12
MW-6
918.75
HUBERTUS ROAD
MW-9
918.07
MW-8
(ABANDONED)
98.70
98.60
98.50
98.40
98.30
98.20
98.10
ASPHALT PARKING LOT
BROTHERS TAP AND
TRAP INN
MW-8
(FOR BROTHERS TAP & TRAP)
LEGEND:
MW-4 MONITORING WELL LOCATION AND NUMBER
PZ-1 PIEZOMETER WELL LOCATION AND NUMBER
918.07 RELATIVE GROUNDWATER ELEVATION IN FEET
918.10 ESTIMATED GROUNDWATER ELEVATION CONTOUR IN FEET
ESTIMATED GROUNDWATER FLOW DIRECTION
SHARED PRIVATE POTABLE WATER WELL LOCATION
SCALE (FEET): 0 50
DRAWN BY: KRK
APPROVED BY:
DATE: 6/19/00
PROJECT #990033.01A
REVISION #
FIGURE #5 DETAIL SHEET
GROUNDWATER ELEVATIONS (MAY 10, 2000)
KAUL OIL - HUBERTUS
RICHFIELD, WISCONSIN
ADVENT
ENVIRONMENTAL SERVICES, INC.

TABLE 1 (Page 1 of 6)
ANALYTICAL RESULTS - GROUNDWATER
KAUL OIL - HUBERTUS
1306 HIGHWAY 175, HUBERTUS, WISCONSIN

Sample Name	Regulatory Standards		MW-1[1]	MW-1[1]	MW-1[1]	MW-1[1]	MW-1	MW-1	MW-1	MW-1	MW-2[1]	MW-2[1]	MW-2[1]	MW-2[1]	MW-2	MW-2	MW-2	MW-2
Collection Date			1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	11/2/99	2/22/00	5/10/00	1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	11/2/99	2/22/00	5/10/00
Parameter	ES	PAL																
GRO (ppb)	NL	NL	<50	<50	340	50	<15	50	30	<15	<50	<50	NS	NS	<15	15	<15	<15
PVOCs (ppb)																		
Benzene	5.0	0.5	**0.76**	<0.26	**16**	**2.5**	<0.50	<0.50	<0.50	<0.50	<0.16	<0.26	NS	NS	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.29	<0.24	2.1	<0.24	<0.54	<0.54	<0.54	<0.54	<0.29	<0.24	NS	NS	<0.54	<0.54	<0.54	<0.54
Methyl-tert-butyl-ether	60	12	10	<0.22	<0.22	<0.22	<0.47	<0.47	<0.47	<0.47	<0.20	<0.22	NS	NS	<0.47	<0.47	<0.47	<0.47
Toluene	1,000	200	<0.36	<0.21	2.8	<0.21	<0.52	1.0	<0.52	<0.52	<0.36	<0.21	NS	NS	<0.52	<0.52	<0.52	<0.52
1,2,4-Trimethylbenzene	480	96	<0.30	<0.86	21	1.2	<0.55	<0.55	<0.55	<0.55	<0.30	<0.86	NS	NS	<0.55	<0.55	<0.55	<0.55
1,3,5-Trimethylbenzene			<0.34	<0.54	8.9	<0.54	<0.52	<0.52	<0.52	<0.52	<0.34	<0.54	NS	NS	<0.52	<0.52	<0.52	<0.52
Xylenes	10,000	1,000	<1.15	<1.34	75	<1.34	<1.0	<1.0	<1.0	<1.0	<1.15	<1.34	NS	NS	<1.0	<1.0	<1.0	<1.0
Natural Attenuation Parameters (ppm)																		
Dissolved Oxygen	NL	NL	0.85	0.26	0.31	1.40	0.54	7.8	6.59	3.07	5.29	8.0	NS	NS	7.11	6.90	9.56	6.13
Iron	0.30	0.15	NA	NA	NA	NA	0.11	0.011	0.0053	0.073	NA	NA	NS	NS	<0.001	<0.001	0.0017	<0.001
Manganese	0.05	0.025	NA	NA	NA	NA	**0.57**	**0.25**	**0.53**	<0.0041	NA	NA	NS	NS	<0.00041	<0.00041	**1.1**	0.005
Nitrate	10	2.0	NA	NA	NA	NA	<0.030	<0.030	<0.042	1.4	NA	NA	NS	NS	**5.5**	**4.9**	**7.6**	1.9
Sulfate	250	125	NA	NA	NA	NA	17	10	17	19	NA	NA	NS	NS	18	13	19	12

ES = Enforcement standard

PAL = Preventive action limit

NL = No established regulatory limit or standard.

NA = Not analyzed

NS = Not sampled.

Bold type indicates the detectable concentration or diluted laboratory detection limits exceed the PAL.

Shading indicates the detectable concentration or diluted laboratory detection limits exceed the ES.

[1] Groundwater samples were collected by Drake Environmental, Inc. on dates prior to August 9, 1999. Analytical information is derived from a draft Operation and Maintenance report submitted by Drake to Kaul Oil.

TABLE 1 (Page 2 of 6)
ANALYTICAL RESULTS - GROUNDWATER
KAUL OIL - HUBERTUS
1306 HIGHWAY 175, HUBERTUS, WISCONSIN

Sample Name	Regulatory Standards		MW-3[1]	MW-3[1]	MW-3[1]	MW-3[1]	MW-3	MW-3	MW-5[1]	MW-5[1]	MW-5[1]	MW-5[1]	MW-5	MW-5	MW-5	MW-5 (Dup)	MW-5	MW-5 (Dup)
Collection Date			1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	2/22/00	1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	11/2/99	2/22/00	2/22/00	5/10/00	5/10/00
Parameter	ES	PAL																
GRO (ppb)	NL	NL	<50	<50	NS	NS	<15	<15	36,000	32,000	53,000	27,000	44,000	25,000	14,000	15,000	11,000	11,000
PVOCs (ppb)																		
Benzene	5.0	0.5	<0.16	<0.26	NS	NS	<0.50	<0.50	**8,400**	**5,300**	**9,100**	**4,600**	**3,600**	**<120**	**2,300**	**2,300**	**2,000**	**1,600**
Ethylbenzene	700	140	<0.29	<0.24	NS	NS	<0.54	<0.54	**1,500**	**1,100**	**2,000**	**1,500**	**1,800**	**1,300**	**900**	**920**	**770**	**660**
Methyl-tert-butyl-ether	60	12	<0.20	<0.22	NS	NS	<0.47	<0.47	**320**	**99**	**89**	**53**	**<250**	**<120**	**<47**	**<47**	**<47**	**<47**
Toluene	1,000	200	<0.36	<0.21	NS	NS	<0.52	<0.52	**5,600**	**8,900**	**12,000**	**4,300**	**11,000**	190	200	200	160	200
1,2,4-Trimethylbenzene	480	96	<0.30	<0.86	NS	NS	<0.55	<0.55	**1,500**	**980**	**1,800**	**1,400**	**1,400**	**1,600**	**1,100**	**1,200**	**930**	**860**
1,3,5-Trimethylbenzene			<0.34	<0.54	NS	NS	<0.52	<0.52	**430**	**270**	**500**	**400**	**490**	**450**	**350**	**360**	**300**	**280**
Xylenes	10,000	1,000	<1.15	<1.34	NS	NS	1.0	<1.0	**6,700**	**5,500**	**9,300**	**6,500**	**9,100**	**5,100**	**3,140**	**3,340**	**2,597**	**2,330**
Natural Attenuation Parameters (ppm)																		
Dissolved Oxygen	NL	NL	6.29	9.84	NS	NS	9.55	13.00	0.42	0.24	0.15	1.04	0.38	0.48	3.39	NA	0.33	NA
Iron	0.30	0.15	NA	NA	NS	NS	0.093	0.0023	NA	NA	NA	NA	**22**	**2.6**	**14**	NA	**<15**	NA
Manganese	0.05	0.025	NA	NA	NS	NS	0.0052	0.0011	NA	NA	NA	NA	**2.9**	**0.61**	**0.56**	NA	**0.69**	NA
Nitrate	10	2.0	NA	NA	NS	NS	5.7	1.5	NA	NA	NA	NA	<0.030	0.037	<0.042	NA	<0.042	NA
Sulfate	250	125	NA	NA	NS	NS	18	21	NA	NA	NA	NA	20	5.6	<5.0	NA	<5.0	NA

ES = Enforcement standard
PAL = Preventive action limit
NL = No established regulatory limit or standard.
NA = Not analyzed
NS = Not sampled.
Bold type indicates the detectable concentration or diluted laboratory detection limits exceed the PAL.
Shading indicates the detectable concentration or diluted laboratory detection limits exceed the ES.
[1] Groundwater samples were collected by Drake Environmental, Inc. on dates prior to August 9, 1999. Analytical information is derived from a draft Operation and Maintenance report submitted by Drake to Kaul Oil.

SVE/IFS system shut down 6/6/97

TABLE 1 (Page 3 of 6)
ANALYTICAL RESULTS - GROUNDWATER
KAUL OIL - HUBERTUS
1306 HIGHWAY 175, HUBERTUS, WISCONSIN

Sample Name	Regulatory Standards		MW-6[1]	MW-6[1]	MW-6[1]	MW-6[1]	MW-6	MW-6 (Dup)	MW-6	MW-6 (Dup)	MW-6	MW-6	MW-7[1]	MW-7[1]	MW-7[1]	MW-7[1]	MW-7	MW-7
Collection Date			1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	8/9/99	11/2/99	11/2/99	2/22/00	5/10/00	1/22/98	4/24/98	10/28/98	10/28/98	8/9/99	2/22/00
Parameter	ES	PAL																
GRO (ppb)	NL	NL	<50	<50	<50	<50	<15	<15	22	<15	<15	<15	<50	<50	<50	<50	<15	<15
PVOCs (ppb)																		
Benzene	5.0	0.5	<0.16	<0.26	<0.26	<0.26	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.16	<0.26	<0.26	<0.26	<0.50	<0.50
Ethylbenzene	700	140	<0.29	<0.24	<0.24	<0.24	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.29	<0.24	<0.24	<0.24	<0.54	<0.54
Methyl-tert-butyl-ether	60	12	<0.20	<0.22	<0.22	<0.22	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.20	<0.22	<0.22	<0.22	<0.47	<0.47
Toluene	1,000	200	<0.36	0.63	2.3	0.63	1.1	<0.52	0.76	0.73	1.4	<0.52	<0.36	<0.21	<0.21	<0.21	<0.52	<0.52
1,2,4-Trimethylbenzene	480	96	<0.30	<0.86	<0.86	<0.86	<0.55	<0.55	0.90	<0.55	<0.55	<0.55	<0.30	<0.86	<0.86	<0.86	<0.55	<0.55
1,3,5-Trimethylbenzene			<0.34	<0.54	<0.54	<0.54	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.34	<0.54	<0.54	<0.54	<0.52	<0.52
Xylenes	10,000	1,000	<1.15	<1.34	<1.34	<1.34	1.1	<1.0	1.6	<1.0	<1.0	<1.0	<1.15	<1.34	<1.34	<1.34	1.0	<1.0
Natural Attenuation Parameters (ppm)																		
Dissolved Oxygen	NL	NL	0.64	0.88	0.17	1.12	0.28	NA	0.48	NA	5.47	1.07	6.29	3.71	2.04	3.08	0.65	6.35
Iron	0.30	0.15	NA	NA	NA	NA	**2.1**	NA	**0.27**	NA	**2.5**	**0.80**	NA	NA	NA	NA	0.0076	<0.0010
Manganese	0.05	0.025	NA	NA	NA	NA	**0.26**	NA	**0.23**	NA	**0.22**	**0.05**	NA	NA	NA	NA	**0.037**	<0.00041
Nitrate	10	2.0	NA	NA	NA	NA	<0.030	NA	0.15	NA	0.047	0.94	NA	NA	NA	NA	**6.6**	**4.1**
Sulfate	250	125	NA	NA	NA	NA	24	NA	10	NA	20	29	NA	NA	NA	NA	20	18

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PAL = Preventive action limit

NL = No established regulatory limit or standard.

NA = Not analyzed

Bold type indicates the detectable concentration or diluted laboratory detection limits exceed the PAL.

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[1] Groundwater samples were collected by Drake Environmental, Inc. on dates prior to August 9, 1999. Analytical information is derived from a draft Operation and Maintenance report submitted by Drake to Kaul Oil.

TABLE 1 (Page 4 of 6)
ANALYTICAL RESULTS - GROUNDWATER
KAUL OIL - HUBERTUS
1306 HIGHWAY 175, HUBERTUS, WISCONSIN

Sample Name	Regulatory Standards		MW-8[1]	MW-8[1]	MW-8[1]	MW-8[1]	MW-8	MW-8	MW-8	MW-9[1]	MW-9[1]	MW-9[1]	MW-9[1]	MW-9	MW-9	MW-9	MW-9
Collection Date			1/22/98	4/24/98	7/23/98	10/28/98	11/2/99	2/22/00	5/10/00	1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	11/2/99	2/22/00	5/10/00
Parameter	*ES*	*PAL*															
GRO (ppb)	*NL*	*NL*	NS	NS	NS	NS	<15	<15	NS	<50	<50	NS	NS	<15	<15	<15	<15
PVOCs (ppb)																	
Benzene	*5.0*	*0.5*	NS	NS	NS	NS	<0.50	<0.50	NS	<0.16	<0.26	NS	NS	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	*700*	*140*	NS	NS	NS	NS	<0.54	<0.54	NS	<0.29	<0.36	NS	NS	<0.54	<0.54	<0.54	<0.54
Methyl-tert-butyl-ether	*60*	*12*	NS	NS	NS	NS	<0.47	<0.47	NS	<0.20	<0.22	NS	NS	<0.47	<0.47	<0.47	<0.47
Toluene	*1,000*	*200*	NS	NS	NS	NS	<0.52	<0.52	NS	<0.36	<0.36	NS	NS	<0.52	<0.52	<0.52	<0.52
1,2,4-Trimethylbenzene	*480*	*96*	NS	NS	NS	NS	<0.55	<0.55	NS	<0.30	<0.86	NS	NS	<0.55	<0.55	<0.55	<0.55
1,3,5-Trimethylbenzene			NS	NS	NS	NS	<0.52	<0.52	NS	<0.34	<0.54	NS	NS	<0.52	<0.52	<0.52	<0.52
Xylenes	*10,000*	*1,000*	NS	NS	NS	NS	<1.0	<1.0	NS	<1.15	<1.34	NS	NS	1.0	<1.0	<1.0	<1.0
Natural Attenuation Parameters (ppm)																	
Dissolved Oxygen	*NL*	*NL*	NS	NS	NS	NS	2.45	3.65	NS	2.22	3.7	NS	NS	2.63	0.50	13.77	1.25
Iron	*0.30*	*0.15*	NS	NS	NS	NS	0.015	<0.0010	NS	NA	NA	NS	NS	0.0022	0.0026	<0.0010	0.0045
Manganese	*0.05*	*0.025*	NS	NS	NS	NS	0.00086	<0.00041	NS	NA	NA	NS	NS	0.0024	0.018	**0.049**	0.0036
Nitrate	*10*	*2.0*	NS	NS	NS	NS	**2.2**	**4.8**	NS	NA	NA	NS	NS	1.4	1.0	0.91	0.95
Sulfate	*250*	*125*	NS	NS	NS	NS	12	22	NS	NA	NA	NS	NS	30	14	16	14

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NA = Not analyzed

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Bold type indicates the detectable concentration or diluted laboratory detection limits exceed the PAL.

Shading indicates the detectable concentration or diluted laboratory detection limits exceed the ES.

[1] Groundwater samples were collected by Drake Environmental, Inc. on dates prior to August 9, 1999. Analytical information is derived from a draft Operation and Maintenance report submitted by Drake to Kaul Oil.

TABLE 1 (Page 5 of 6)
ANALYTICAL RESULTS - GROUNDWATER
KAUL OIL - HUBERTUS
1306 HIGHWAY 175, HUBERTUS, WISCONSIN

Sample Name	Regulatory Standards		MW-10[1]	MW-10[1]	MW-10[1]	MW-10[1]	MW-10	MW-10	MW-10	MW-10	PZ-1[1]	PZ-1[1]	PZ-1[1]	PZ-1[1]	PZ-1	PZ-1
Collection Date			1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	11/2/99	2/22/00	5/10/00	1/22/98	4/24/98	7/23/98	10/28/98	8/9/99	2/22/00
Parameter	ES	PAL														
GRO (ppb)	NL	NL	<50	<50	NS	NS	<15	16	<15	<15	<50	<50	<50	<50	<15	<15
PVOCs (ppb)																
Benzene	5.0	0.5	<0.16	<0.26	NS	NS	<0.50	<0.50	<0.50	<0.50	<0.16	<0.26	<0.26	<0.26	<0.50	<0.50
Ethylbenzene	700	140	<0.29	<0.24	NS	NS	<0.54	<0.54	<0.54	<0.54	<0.29	<0.24	<0.24	<0.24	<0.54	<0.54
Methyl-tert-butyl-ether	60	12	6.9	<0.22	NS	NS	<0.47	<0.47	<0.47	<0.47	<0.20	<0.22	<0.22	<0.22	<0.47	<0.47
Toluene	1,000	200	<0.36	<0.21	NS	NS	<0.52	<0.52	<0.52	<0.52	<0.36	<0.21	<0.21	<0.21	<0.52	<0.52
1,2,4-Trimethylbenzene	480	96	<0.30	<0.86	NS	NS	<0.55	<0.55	<0.55	<0.55	<0.30	<0.86	<0.86	<0.86	<0.55	<0.55
1,3,5-Trimethylbenzene			<0.34	<0.54	NS	NS	<0.52	<0.52	<0.52	<0.52	<0.34	<0.54	<0.54	<0.54	<0.52	<0.52
Xylenes	10,000	1,000	<1.15	<1.34	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.15	<1.34	<1.34	<1.34	<1.0	<1.0
Natural Attenuation Parameters (ppm)																
Dissolved Oxygen	NL	NL	1.99	6.22	NS	NS	0.69	1.20	7.23	1.30	0.88	1.18	0.36	1.41	7.48	9.20
Iron	0.30	0.15	NA	NA	NS	NS	<0.001	0.0013	<0.001	0.0019	NA	NA	NA	NA	0.025	<0.001
Manganese	0.05	0.025	NA	NA	NS	NS	0.00064	0.0092	0.0039	<0.00041	NA	NA	NA	NA	**0.028**	0.0044
Nitrate	10	2.0	NA	NA	NS	NS	**19**	**9.5**	**11**	**19**	NA	NA	NA	NA	0.15	0.18
Sulfate	250	125	NA	NA	NS	NS	51	26	28	29	NA	NA	NA	NA	28	31

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TABLE 1 (Page 6 of 6)
ANALYTICAL RESULTS - GROUNDWATER
KAUL OIL - HUBERTUS
1306 HIGHWAY 175, HUBERTUS, WISCONSIN

Sample Name	Regulatory Standards		SP-3[1]	SP-3	SP-3	SP-5[1]	SP-5[1]	SP-5	SP-5	SP-7[1]	SP-7[1]	SP-7	SP-7
Collection Date			10/28/98	8/9/99	2/22/00	7/23/98	10/28/98	8/9/99	2/22/00	7/23/98	10/28/98	8/9/99	2/22/00
Parameter	ES	PAL											
GRO (ppb)	NL	NL	NS	190	860	4,100	7,000	3,900	1,000	5,100	15,000	4,400	400
PVOCs (ppb)													
Benzene	5.0	0.5	NS	**39**	**110**	**870**	**1,100**	**970**	**210**	**950**	**4,500**	**240**	**3.1**
Ethylbenzene	700	140	NS	12	40	**370**	**760**	**240**	100	**430**	**1,100**	**340**	6.0
Methyl-tert-butyl-ether	60	12	NS	8.2	5.1	**29**	**22**	**<50**	<4.7	**29**	**76**	**<20**	4.2
Toluene	1,000	200	NS	2.8	2.7	**220**	180	120	6.7	100	97	**350**	<1.0
1,2,4-Trimethylbenzene	480	96	NS	12	81	**170**	**530**	**210**	63	**290**	**680**	**300**	17
1,3,5-Trimethylbenzene			NS	1.8	7.9	**42**	**81**	**80**	20	**41**	**170**	**59**	4.0
Xylenes	10,000	1,000	NS	25.6	96.4	810	**1,330**	862	280	**1,026**	**3,600**	800	5.2
Natural Attenuation Parameters (ppm)													
Dissolved Oxygen	NL	NL	NS	0.50	4.56	0.41	1.32	3.55	3.85	0.59	1.67	0.53	NA
Iron	0.30	0.15	NS	**0.89**	**1.2**	NA	NA	**3.5**	NA	NA	NA	**3.2**	0.02
Manganese	0.05	0.025	NS	**0.40**	**0.16**	NA	NA	**0.053**	NA	NA	NA	**0.29**	**0.22**
Nitrate	10	2.0	NS	<0.030	0.16	NA	NA	0.23	NA	NA	NA	<0.030	<0.042
Sulfate	250	125	NS	10	5.3	NA	NA	10	NA	NA	NA	12	5.2

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[1] Groundwater samples were collected by Drake Environmental, Inc. on dates prior to August 9, 1999. Analytical information is derived from a draft Operation and Maintenance report submitted by Drake to