GIS REGISTRY INFORMATION

SITE NAME:	Direct Oil/Brumberg Oil Co		
BRRTS #:	03-18-466960	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54720-2603-11		
CLOSURE DATE:	December 08, 2003		
STREET ADDRESS:	2511 Pine Tree Ln		
CITY:	Altoona		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =** ~~405322~~ 405325			**Y =** ~~481524~~ 481498			
CONTAMINATED MEDIA:	Groundwater		Soil	**X**	Both		
OFF-SOURCE GW CONTAMINATION >ES:		**Yes**			**No**	**X**	
• **IF YES, STREET ADDRESS:**							
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**			
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		**Yes**			**No**	**X**	
• **IF YES, STREET ADDRESS 1:**							
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**			
CONTAMINATION IN RIGHT OF WAY:		**Yes**			**No**	**X**	

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate.	X
Copies of off-source notification letters (if applicable)	
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure	

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481
TDD #: (608) 264-8777
Fax #: (715) 345-5225
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

December 08, 2003

Dave Bushendorf
Birch Street Car Wash Corp
2645 Harlem St Ste 1C
P.O. Box 207
Eau Claire, WI 54702-0207

RE: **Final Closure**

Commerce # 54720-2603-11-B WDNR BRRTS # 03-18-466960
Direct Oil / Brumberg Oil Company, 2511 Pine Tree Ln, Altoona

Dear Mr. Bushendorf:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 345-5307.

Sincerely,

Tim Zeichert
Hydrogeologist
Site Review Section

cc: Frank W. Maenner, Ayres Associates
Case File

3015 Pine Tree Ln.

V 1562 P 868

WARRANTY DEED

DOCUMENT NO. | DOCUMENT TITLE

859667

MORRIS A. BRUMBERG CONVEYS AND WARRANTS TO **FREDRIC S. BUSHENDORF**, A MARRIED PERSON, THE FOLLOWING DESCRIBED REAL ESTATE LOCATED IN **EAU CLAIRE COUNTY**, WISCONSIN:

PLEASE SEE THE ATTACHED LEGAL DESCRIPTION.

Mary L. Fairchild

VOL. 1562 PAGE 868-869

2003 FEB 10 AM 8 03

EAU CLAIRE COUNTY
REGISTER OF DEEDS

RECORDING INFORMATION
NAME AND RETURN ADDRESS

Pd 13.00 # 20235 + 20260

Herrick, Hart
Box 167

TRANSFER
$243.00
FEE # 9536

PIN: 201-1052-06

THIS DEED IS GIVEN IN SATISFACTION OF A LAND CONTRACT ENTERED INTO BETWEEN THE PARTIES ON DECEMBER 31, 1986, AND RECORDED ON JANUARY 14, 1987, IN VOLUME 657 OF RECORDS ON PAGES 365-366 AS DOCUMENT NUMBER 554067.

THIS IS NOT HOMESTEAD PROPERTY.

DATED THIS 28 DAY OF Jan, 2003.

Morris A Brumberg
MORRIS A. BRUMBERG

Audrey E Brumberg
AUDREY E. BRUMBERG

ROBERTA A. GALLAGHER
Notary Public - Arizona
Maricopa County
My Commission Expires
April 5, 2005

THIS INSTRUMENT WAS DRAFTED BY:
HERRICK, HART, DUCHEMIN, SPAETH,
SULLIVAN & SCHUMACHER, S.C.
TERRY L. MOORE, ATTORNEY AT LAW
116 WEST GRAND AVENUE
POST OFFICE BOX 167
EAU CLAIRE, WISCONSIN 54702-0167

ACKNOWLEDGMENT

STATE OF ARIZONA)
)SS.
MARICOPA COUNTY)

PERSONALLY CAME BEFORE ME THIS 28th DAY OF JANUARY, 2003, THE ABOVE-NAMED MORRIS A. BRUMBERG, TO ME KNOWN TO BE THE PERSON and AUDREY E BRUMBERG WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THE SAME.

Roberta A Gallagher
ROBERTA A GALLAGHER
NOTARY PUBLIC, MARICOPA COUNTY, AZ.
~~MY COMMISSION IS PERMANENT (IF NOT,~~
STATE EXPIRATION DATE: April 5, 2005).

A PARCEL OF LAND BEING IN THE NE 1/4 OF THE NE 1/4 OF SECTION 27, TOWNSHIP 27 NORTH, RANGE 9 WEST, DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID NE 1/4 OF THE NE 1/4, THENCE NORTH 88° 49′ WEST ON THE SOUTH LINE OF SAID NE 1/4 OF THE NE 1/4 A DISTANCE OF 406.7 FEET; THENCE NORTH PARALLEL TO THE EAST LINE OF SAID NE 1/4 OF THE NE 1/4 A DISTANCE OF 433.17 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUING NORTH A DISTANCE OF 383.3 FEET; THENCE NORTH 88° 49′ WEST A DISTANCE OF 464.15 FEET; THENCE SOUTH A DISTANCE OF 383.3 FEET; THENCE SOUTH 88° 49′ EAST A DISTANCE OF 464.15 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION, NOW ANNEXED TO AND A PART OF THE CITY OF ALTOONA.

LIR022 REAL ESTATE ASSESSMENT INFORMATION DATE 02/26/03
****** OLD YEAR ASSESSMENTS ******

COMPUTER # 201-1052-06 000
PIN 18201-2-270927-110-0011

PARCEL AL:27.9.27.1-1-N
HISTORY C657/365 442/487 434/206&208

OWNER NAME BUSHENDORF
FREDERIC S
ADDRESS 3737 BRIAR WAY
EAU CLAIRE, WI 54701

PARCEL ADDRESS 2511 PINE TREE LN
ALTOONA, WI 54720
SCHOOL 0112 ALTOONA
ZONE CODE R1 LOTTERY 0

----------VALUATIONS----------

CLASS	ACRES	LAND	IMPROVE.
G2	3.760	94,400	50,500
TOT	3.760	94,400	50,500

---------LEGAL DESCRIPTION--------
PRT OF THE NE-NE DESC AS FOL
COM AT THE SE COR OF THE
NE-NE TN W 406.7' TN N
433.17' TO BEG TN N 383.8'
TN W 464.15' TN S 383.8' TN
E 464.15' TO POB
EX RD R/W CONVEYED IN V.1112
PG.508 & CONT 0.14 AC M/L

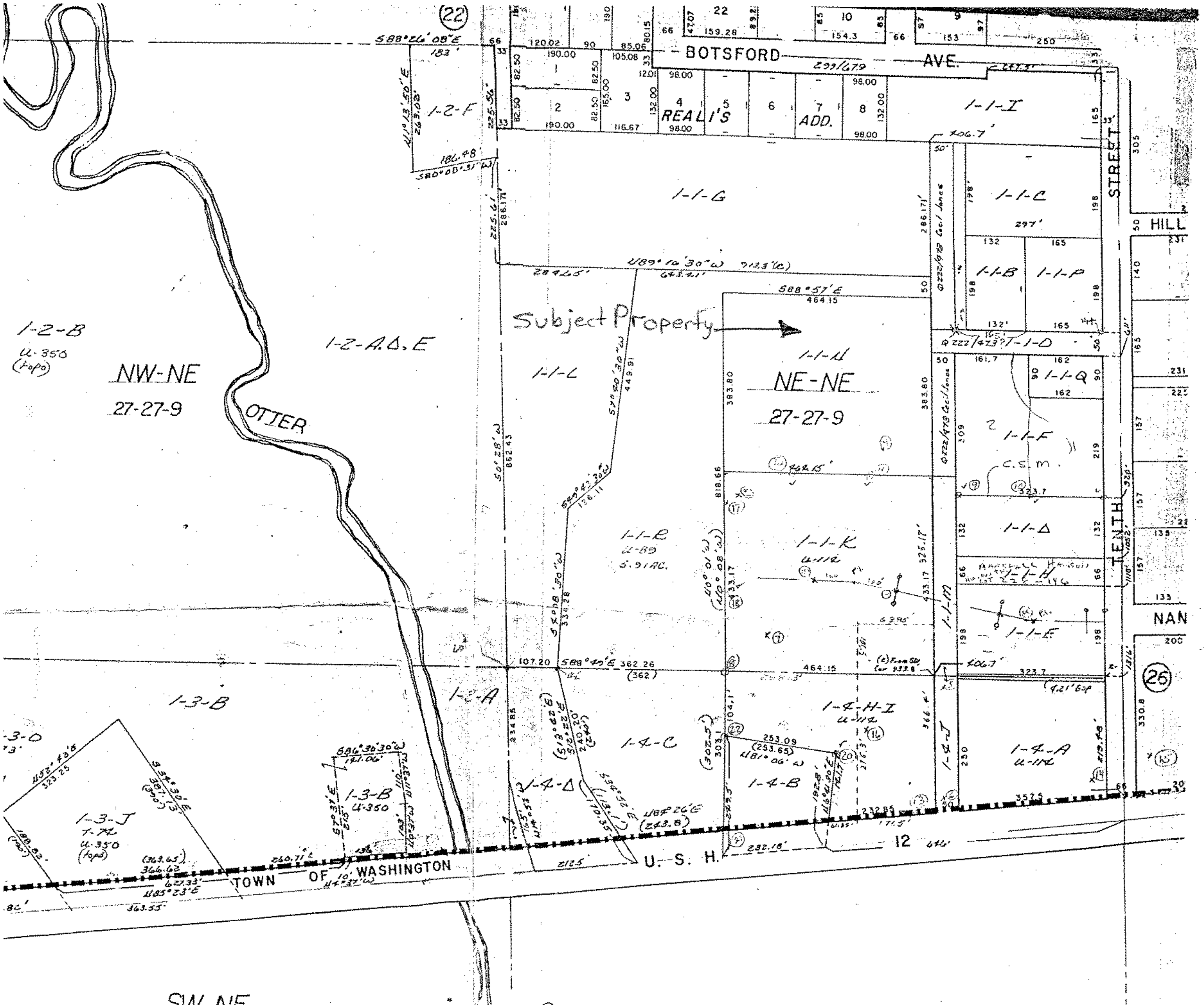
FEBRUARY 2003 ****** TAXES ******

2002 TAXES	NET	PAID	DUE
REAL EST	2,916.01	1,458.01	1,458.00
TOTAL	2,916.01	1,458.01	1,458.00

ACRES	3.760
LAND	94,400
IMPROVEMENTS	50,500
ASSESSED VALUE	144,900
E.F.M.V.	149,706

LOTTERY CREDIT: PRE-CERTIFIED 0 TOTAL CERTIFIED 0 TOTAL CREDIT .00

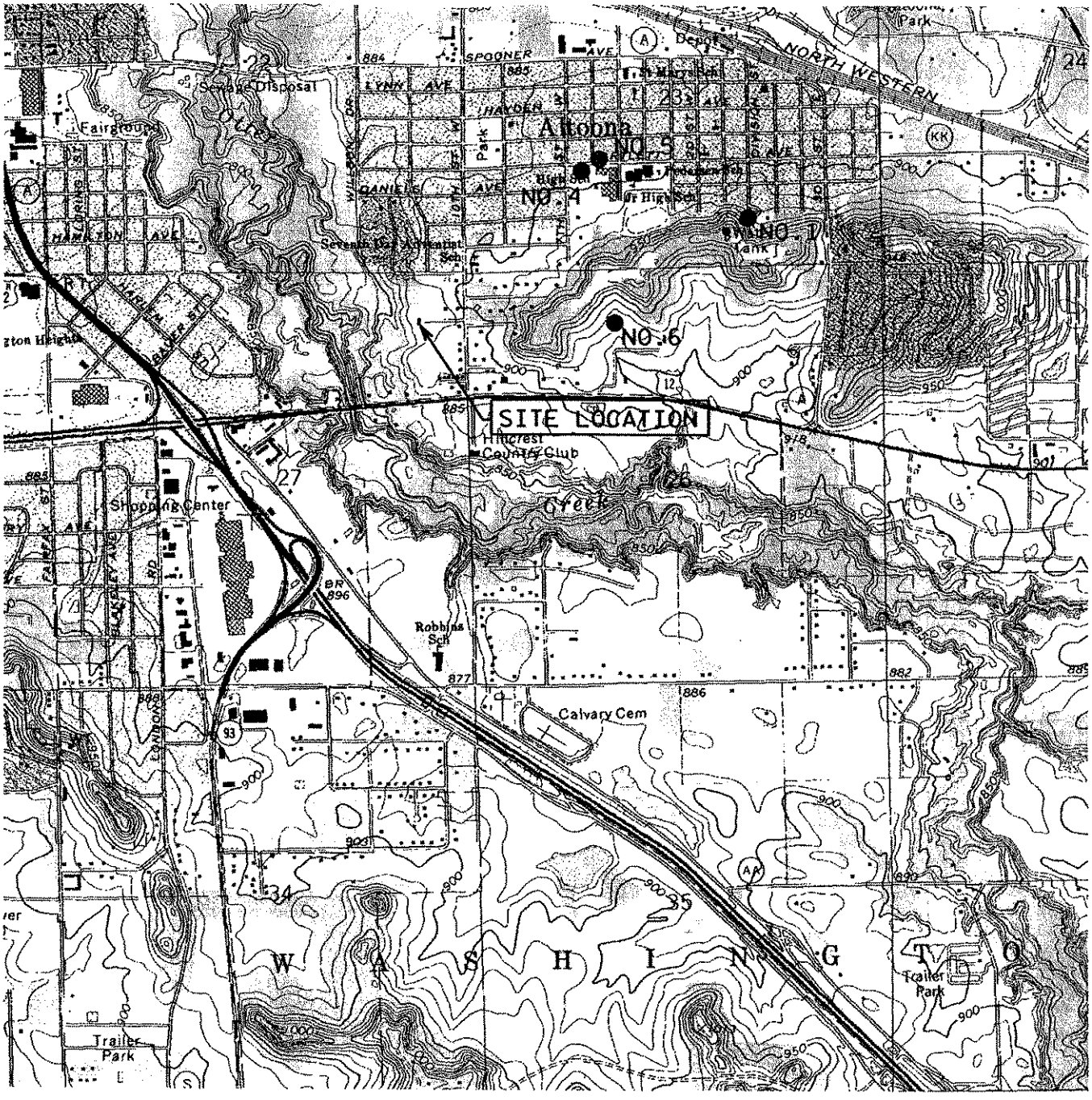
YEAR	REAL ESTATE	SPECIALS	MFL/WL/PC	INTEREST	PENALTY	TOTAL
2002	1,458.00	.00	.00	.00	.00	1,458.00
TOT	1,458.00	.00	.00	.00	.00	1,458.00



BOTSFORD AVE.
REALI'S ADD.
TENTH STREET
HILL
NAN
OTTER
U.S.H. 12
TOWN OF WASHINGTON
NW-NE
27-27-9
NE-NE
27-27-9
SW-NE
Subject Property
1-1-G
1-1-I
1-1-C
1-1-B
1-1-P
1-1-D
1-1-Q
1-1-F
C.S.M.
1-1-L
1-1-N
1-1-K
1-1-M
1-1-E
1-1-H
1-1-R
5.91 AC.
1-2-F
1-2-B
1-2-A.D.E
1-3-B
1-3-J
1-3-A
1-4-C
1-4-D
1-4-B
1-4-H-I
1-4-J
1-4-A
(22)
(25)

Case Summary and Justification for Closure
Direct Oil Company (South UST Area)
2511 Pine Tree Lane, Altoona, Wisconsin
PECFA Claim No. 54720-2603-11-B
WDNR BRRTS No. 03-18-466960

Tax Parcel I.D. No:	201-1052-06
WTM83/91 Coordinates	(405322, 481524) with scale 1:615



LEGEND:

● NO.6 MUNICIPAL WELL

NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

USGS MAP: EAU CLAIRE EAST QUADRANGLE
1972 (PHOTOREVISED 1982)

SCALE 1:24000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

NORTH

K:/WASTE/DIRECT/10110TUS.DGN

06/24/2003 PEN

D:#WASTE#10110Tus.dgn

SITE INVESTIGATION
DIRECT OIL/BRUMBERG OIL PLANT
ALTOONA , WISCONSIN

DRN. BY: JCS
CHK. BY: WM
DATE: JUNE 2003

AYRES ASSOCIATES

LOCATION MAP

FIGURE
1

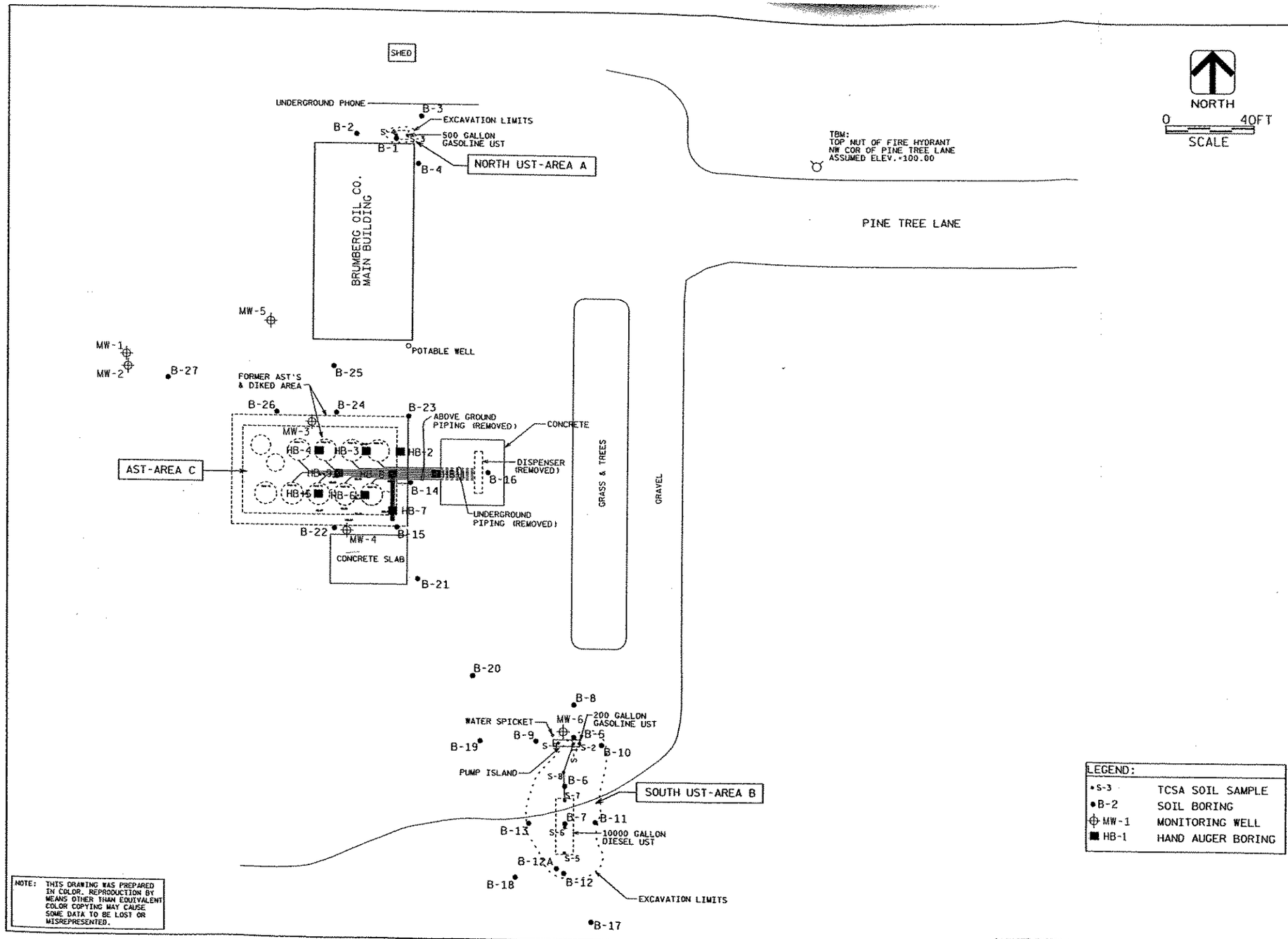

SHED
UNDERGROUND PHONE
B-3
EXCAVATION LIMITS
B-2
S-3
S-4
S-5
500 GALLON GASOLINE UST
B-1
NORTH UST-AREA A
B-4
BRUMBERG OIL CO. MAIN BUILDING
TBM: TOP NUT OF FIRE HYDRANT NW COR OF PINE TREE LANE ASSUMED ELEV.=100.00
NORTH
0 40FT
SCALE
PINE TREE LANE
MW-5
MW-1
MW-2
B-27
POTABLE WELL
B-25
FORMER AST'S & DIKED AREA
B-26
B-24
B-23
ABOVE GROUND PIPING (REMOVED)
CONCRETE
MW-3
HB-4
HB-3
HB-2
DISPENSER (REMOVED)
AST-AREA C
HB-1
HB-5
HB-6
B-16
B-14
HB-7
UNDERGROUND PIPING (REMOVED)
B-22
MW-4
B-15
CONCRETE SLAB
B-21
GRASS & TREES
GRAVEL
B-20
B-8
WATER SPICKET
MW-6
200 GALLON GASOLINE UST
B-9
B-5
B-19
S-1
S-2
B-10
PUMP ISLAND
S-8
B-6
S-7
SOUTH UST-AREA B
B-7
B-11
B-13
S-6
10000 GALLON DIESEL UST
S-5
B-12A
B-18
B-12
EXCAVATION LIMITS
B-17
LEGEND:
S-3 TCSA SOIL SAMPLE
B-2 SOIL BORING
MW-1 MONITORING WELL
HB-1 HAND AUGER BORING
NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.
D:\WASTE\IO80702.dgn
06/24/2003
#PEN#
K:/WASTE/DIRECT/10110T02.DGN
SITE PLAN
DRN. BY: JCS
CHK. BY: FRW
DATE: JUNE 2003
AYRES ASSOCIATES
SITE INVESTIGATION
DIRECT OIL
BRUMBERG OIL BULK PLANT
ALTOONA, WISCONSIN
FIGURE
2

TABLE 4
GROUND WATER ANALYTICAL RESULTS
DIRECT OIL/BRUMBERG OIL BULK PLANT
2511 PINE TREE LANE, ALTOONA, WISCONSIN

Sample Location	Date	DRO (ug/L)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	m - p Xylenes (ug/L)	o - Xylenes (ug/L)	1,3,5-TMB (ug/L)	1,2,4-TMB (ug/L)	1,2 DCA (ug/L)	MTBE (ug/L)	Naph-thalene (ug/L)	n-Butyl-benzene (ug/L)	sec-Butyl-benzene (ug/L)	Iso-propyl benzene (ug/L)	n-propyl-benzene (ug/L)	p-Iso-propyl toluene (ug/L)	Vinyl chloride (ug/L)	Dissolved Lead (ug/L)
Potable Well	7/12/00	<26	<14	<0.10	<0.10	<0.10	<0.20	<0.10	<0.30	<0.20	<0.40	<1.1	<0.31	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	<1.2
Dup. (potable)	7/12/00	<26	<14	<0.10	<0.10	<0.10	<0.20	<0.10	<0.30	<0.20	<0.40	<1.1	<0.31	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	<1.2
MW-1, Perched	6/27/00	80 *	<14	<0.10	<4.0	<0.10	<0.20	<0.10	<0.30	<0.20	<0.40	<1.1	<0.30	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	-
MW-1 Regional	7/12/00	<26	<14	<0.10	<0.10	<0.10	<0.20	<0.10	<0.30	<0.20	<0.40	<1.1	<0.30	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	<1.2
	4/16/02	<61	<16	**0.80***	<0.40	<0.40	<0.90	<0.50	<0.40	<0.50	-	<0.40	<0.22	-	-	-	-	-	-	<1.4
	8/20/02	-	<16	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<0.50	-	<0.40	-	-	-	-	-	-	-	-
	7/1/03	<100	<50	<0.30	<0.58	<0.60	<1.2	<0.64	<0.52	<0.66	-	<58	0.036*	-	-	-	-	-	-	-
MW-2, Perched	4/16/02	<59	<16	<0.10	<0.10	<0.10	<0.20	<0.10	<0.30	<0.20	<0.40	<1.1	<0.70	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	<1.4
Dup. MW-2	4/16/02	<61	<16	<0.10	<0.10	<0.10	<0.20	<0.10	<0.30	<0.20	<0.40	<1.1	<0.70	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	<1.4
	8/20/02	-	<16	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<0.50	-	<0.40	-	-	-	-	-	-	-	-
	7/1/03	<100	<50	<0.30	<0.58	<0.60	<1.2	<0.64	<0.52	<0.66	-	<58	0.14	-	-	-	-	-	-	-
MW-3, Perched	4/16/02	6400	660	<0.10	0.15	15	15	2.0	29	10	<0.40	<1.1	**37**	32	2.3	1.7	3.2	3.6	<0.40	**3.8***
	8/20/02	19000	660	<0.40	0.58	13	18	0.58	19	4.4	-	<0.40	7.7	-	-	-	-	-	-	**2.1***
Dup. MW-3	8/20/02	4000	530	<0.40	0.51	12	17	0.69	18	3.4	-	<0.40	**10**	-	-	-	-	-	-	<1.1
	7/1/03	12000	430	<0.30	0.64*	9.1	13	1.4	13	3.4	-	<0.58	0.60*	-	-	-	-	-	-	-
MW-4, Perched	4/16/02	-	<16	<0.10	0.13	<0.10	<0.20	0.19	0.58	<0.20	<0.40	<1.1	<0.70	1.8	<0.30	<0.10	<0.30	<0.20	<0.40	<1.4
	8/20/02	<60	<16	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<0.50	-	<0.40	-	-	-	-	-	-	-	-
	7/1/03	730	<50	<0.30	<0.58	<0.60	<1.2	<0.64	<0.52	<0.66	-	<0.58	0.026*	-	-	-	-	-	-	-
MW-5, Perched**	4/16/02	Dry Well; No Sample																		
	8/20/02	<60	<16	<0.40	<0.50	<0.50	<0.60	<0.50	<0.50	<0.50	<0.90	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.30	<1.1
	7/1/03	210	<50	<0.30	<0.58	<0.60	<1.2	<0.64	<0.52	<0.66	-	<0.58	0.029*	-	-	-	-	-	-	-
Dup. MW-5	7/1/03	190	<50	<0.30	<0.58	<0.60	<1.2	<0.64	<0.52	<0.66	-	<0.58	0.039*	-	-	-	-	-	-	-
* MW-6, Regional-- One well (MW-6) in south UST area B	4/16/02	180*	<16	<0.10	<0.10	<0.10	<0.20	<0.10	<0.30	<0.20	<1.1	<1.1	<0.70	<0.40	<0.30	<0.10	<0.30	<0.20	<0.40	<1.4
	8/20/02	<59	<16	<0.40	<0.40	<0.40	<0.90	<0.50	<0.40	<0.50	-	<0.40	-	-	-	-	-	-	-	-
	7/1/03	<100	<50	<0.30	<0.58	<0.60	<1.2	<0.64	<0.52	<0.66	-	<58	0.031*	-	-	-	-	-	-	-
NR 140 Enforcement Standard		-	-	**5**	**1000**	**700**	**10,000**		**480**		**5**	**60**	**40**	**NS**	**NS**	**NS**	**NS**	**NS**	**0.2**	**15**
NR 140 Preventive Action Limit		-	-	**0.5**	**200**	**140**	**1,000**		**96**		**0.5**	**12**	**8**	**NS**	**NS**	**NS**	**NS**	**NS**	**0.02**	**2**

Abbreviations and Acronyms

5.1 = Exceeds NR 140 Enforcement Standard and Preventive Action Limit

37 = Exceeds NR 140 Preventive Action Limit

< = Less than the detection limit shown

* = Indicates an estimated value between the limit of detection and the limit of quantitation

** = MW-5 was dry on the April 16, 2002 sampling date and couldn't be sampled

- = Not analyzed

TABLE 5
GROUND WATER ANALYTICAL RESULTS
DIRECT OIL/BRUMBERG OIL BULK PLANT
PINE TREE LANE, ALTOONA WISCONSIN
Polynuclear Aromatic Hydrocarbons (PAHs)

Sample Location	Date	1-Methyl-naph-thalene (ug/L)	2-Methyl-naph-thalene (ug/L)	Ace-naph-thene (ug/L)	Ace-naph-thylene (ug/L)	Anthra-cene (ug/L)	Benzo(a) Anthra-cene (ug/L)	Benzo(a) pyrene (ug/L)	Benzo(b) fluor-anthene (ug/L)	Benzo (g,h,i) perylene (ug/L)	Benzo(k) fluor-anthene (ug/L)	Chrysene (ug/L)	Dibenzo(a,h) Anthracene (ug/L)	Fluor-anthene (ug/L)	Flourene (ug/L)	Indeno (1,2,3-cd) pyrene (ug/L)	Naph-thalene (ug/L)	Phenan-threne (ug/L)	Pyrene (ug/L)
MW-1 Perched	6/27/00	<0.29	<0.32	<0.32	<0.28	<0.060	<0.011	<0.012	<0.016	<0.049	<0.014	<0.051	<0.090	<0.033	<0.14	<0.041	<0.30	<0.059	0.12*
Potable Well	7/12/00	<0.30	<0.33	<0.33	<0.29	<0.062	<0.011	<0.012	<0.016	<0.051	<0.014	<0.053	<0.093	<0.034	<0.14	<0.042	<0.31	<0.061	<0.086
Dup = Potable	7/12/00	<0.30	<0.33	<0.33	<0.29	<0.061	<0.011	<0.012	<0.016	<0.050	<0.014	<0.052	<0.092	<0.034	<0.14	<0.042	<0.31	<0.060	<0.085
MW-1 Regional	7/12/00	<0.29	<0.32	<0.32	<0.28	<0.060	<0.011	<0.012	<0.016	<0.049	<0.014	<0.051	<0.090	<0.033	<0.14	<0.041	<0.30	<0.059	<0.083
	4/16/02	<0.20	<0.21	<0.20	<0.22	<0.038	<0.0031	<0.0067	<0.0054	<0.018	<0.0053	<0.031	<0.045	<0.0090	<0.095	<0.018	<0.22	<0.038	<0.038
	7/1/03	<0.018	<0.017	<0.018	<0.019	<0.020	<0.012	<0.014	<0..013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.036*	<0.016	<0.017
MW-2 Perched	4/16/02	<0.19	<0.20	<0.19	<0.21	<0.036	0.0091*	**3.4**	<0.0053	0.052	0.015	<0.030	<0.043	<0.0087	<0.092	<0.017	<0.21	<0.036	0.059*
Dup = MW-2	4/16/02	<0.20	<0.21	<0.20	<0.22	<0.037	<0.0031	**2.1**	<0.0054	<0.018	<0.0053	<0.031	<0.044	<0.0089	<0.094	<0.018	<0.22	<0.037	0.041*
	8/20/02	<0.093	<0.088	<0.24	<0.21	<0.024	<0.0023	<0.0064	<0.0046	<0.014	<0.0042	<0.022	<0.022	<0.0080	<0.11	<0.018	<0.079	<0.033	<0.029
	7/1/03	0.042*	0.082	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.14	<0.016	<0.017
MW-3 Perched	4/16/02	47	74	20	<0.22	<0.037	0.61	**2.4**	0.077	<0.018	0.030	<0.031	<0.044	<0.0089	7.9	<0.018	**19**	9.5	25
	8/20/02	<0.91	54	<2.3	<2.0	<0.23	<0.022	<0.063	<0.045	<0.14	<0.041	<0.21	<0.21	40	13	<0.17	7.7	18	<0.28
Dup = MW-3	8/20/02	6.8	62	<2.3	<2.0	<0.23	<0.022	<0.063	<0.046	<0.14	<0.042	<0.21	<0.21	22	9.9	<0.17	**10**	13	<0.29
	7/1/03	0.67	0.67	0.61	0.19	0.77	<0.096	<0.11	<0.10	<0.13	<0.15	<0.11	<0.13	0.13*	0.64	<0.17	0.60*	1.6	0.30*
MW-4 Perched	4/16/02	Not enough water in well for a sample																	
	8/20/02	<0.091	<0.086	<0.23	<0.20	<0.023	<0.0022	<0.0063	<0.0045	<0.014	<0.0041	<0.021	<0.021	<0.0079	<0.11	<0.017	<0.078	<0.032	<0.028
	7/1/03	<0.018	<0.017	<0.018	<0.019	0.037*	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.026*	<0.016	<0.017
MW-5 Perched	4/16/02	Dry Well; No Sample																	
	8/20/02	<0.091	<0.086	<0.23	<0.20	<0.023	<0.0022	<0.0063	<0.0045	<0.014	<0.0041	<0.021	<0.021	<0.0079	<0.11	<0.017	<0.078	<0.032	<0.028
	7/1/03	<0.018	<0.017	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.029*	<0.016	<0.017
Dup = MW-5	7/1/03	<0.018	0.021*	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.039*	<0.016	<0.017
* MW-6 Regional-- One well (MW-6) in south UST area B	4/16/02	0.27*	0.62*	<0.20	<0.22	<0.038	<0.0032	<0.0067	<0.0055	<0.018	<0.0054	<0.032	<0.045	<0.0091	0.12*	<0.018	<0.22	0.19	0.54
	8/20/02	<0.091	<0.086	<0.23	<0.20	<0.023	<0.0022	<0.0063	<0.0045	<0.014	<0.0041	<0.021	<0.021	<0.0079	<0.11	<0.017	<0.078	<0.032	<0.028
	7/1/03	<0.018	<0.017	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.031*	<0.016	<0.017
NR 140 Enforcement Standard		NS	NS	NS	NS	3000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	40	NS	250
NR 140 Preventive Action Limit		NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	8	NS	50

Designations

ug/L = micrograms per liter; Equivolent to parts per billion

< = Less than the detection limit shown

* = Indicates an estimated value between the limit of detection and limit of quantitaion

3.4 = exceeds NR 140 Enforcement Standards

10 = exceeds NR 140 Preventive Action Limits

TABLE 2B
SOIL BORING ANALYTICAL RESULTS
DIRECT OIL/BRUMBERG OIL BULK PLANT
2511 PINE TREE LANE, ALTOONA, WISCONSIN
SOUTH UST AREA B

LOCATION	DATE	SAMPLE NO.	DEPTH (feet)	PID/FID (i.u.s)	GRO mg/kg	DRO mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Total Xylenes mg/kg	1,2 Dichloro-ethane mg/kg	MTBE mg/kg	1,2,4 Trimethyl-benzene mg/kg	1,3,5 Trimethyl-benzene mg/kg	Naph-thalene mg/kg	Lead mg/kg	PAH's mg/kg
B-5	9/20/99	S-1	0 - 2	NR	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	NR	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	55.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	19.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	22.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	133	<2.7	**2700**	<0.025	0.03	<0.025	0.045	<0.025	<0.025	<0.025	<0.025	<0.025	1.5	SPD
		S-7	12 - 14	24.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	14.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	15.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-10	18 - 20	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-11	20.0 - 22.0	66.0	<3.0	<4.4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.42	-
B-6	9/20/99	S-1	0 - 2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	107	**1200**	**22,000**	<0.130	<0.130	<0.130	0.40	<0.130	<0.130	2.0	3.4	1.5	1.7	SPD
		S-8	14 - 16	94.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	94.0	<2.7	8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.1	-
		S-10	18 - 20	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-
B-7	9/20/99	S-1	0 - 2	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	8.4	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	8.9	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	9.6	<2.7	<4.0	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	<0.025	0.84	-
		S-9	16 - 18	340	8.7	12	<0.025	<0.025	<0.025	<0.025	-	<0.025	0.19	0.095	<0.025	3.0	SPD
B-8	9/21/99	S-1	0 - 2	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	12	<2.7	11	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	2.0	-
		S-6	10 - 12	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-10	18 - 20	1.5	<2.7	<4.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.83	-
NR 720 SOIL CLEANUP STANDARD					100	100	0.0055	1.5	2.9	4.1	0.0049	NS	NS	NS	NS	NS	NS
NR 746 Indicators of Residual Petroleum Product in Soil Pores - NR 746.06 Table 1					NS	NS	8.5	38	4.6	42	0.6	NS	83	11	2.7	NS	NS
NR 746 Protection of Human Health From Direct Contact with Contaminated Soil (top 4 feet of soil) - NR 746.06 Table 2					NS	NS	1.10	NS	NS	NS	0.54	NS	NS	NS	NS	NS	NS

5.1 = Exceeds Wisconsin Administrative Code NR 720 Soil Cleanup Standards
PID = Photo Ionization Detector
FID = Flame Ionization Detector
i.u = instrument units
< = Not detected above method detection limit (MDL)
PAH's = Polynuclear Aromatic Hydrocarbons

GRO = Gasoline Range Organics DRO = Diesel Range Organics
SPD = Some PAH's Detected; See Table 3 and lab report for specific analyes and concentrations
NR = No Response NS = No Standard
mg/Kg = Milligrams per Kilogram, equivalent to parts-per-million (ppm)
ug/Kg = Micrograms per Kilogram, equivalent to parts-per-billion (ppb)

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TABLE 2B
SOIL BORING ANALYTICAL RESULTS
DIRECT OIL/BRUMBERG OIL BULK PLANT
2511 PINE TREE LANE, ALTOONA, WISCONSIN
SOUTH UST AREA B

LOCATION	DATE	SAMPLE NO.	DEPTH (feet)	PID/FID (i.u.s)	GRO mg/kg	DRO mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Total Xylenes mg/kg	1,2 Dichloro-ethane mg/kg	MTBE mg/kg	1,2,4 Trimethyl-benzene mg/kg	1,3,5 Trimethyl-benzene mg/kg	Naph-thalene mg/kg	Lead mg/kg	PAH's mg/kg
B-9	9/21/99	S-1	0 - 2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	8.4	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	64.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	60.0	**170**	**4,800**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.9	-
		S-8	14 - 16	56.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	57.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-10	18 - 20	85.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-11	20 - 22	120	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-12	22 - 23	140	7.4	**640**	<0.025	<0.025	<0.025	0.033	<0.025	<0.025	0.3	0.22	0.35	0.62	SPD
B-10	9/21/99	S-1	0 - 2	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	11.5	<2.7	<3.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.5	-
		S-8	14 - 16	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-10	18 - 20	3.0	<2.7	<4.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.28	-
B-11	9/21/99	S-1	0 - 2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	11.5	<3.1	<4.7	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	0.94	-
		S-7	12 - 14	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	2.5	<2.7	<4.5	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	0.61	-
B-12	9/21/99	S-1	0 - 2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	9.5	<2.7	41	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	2.0	-
		S-6	10 - 12	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	238	**1100**	**12,000**	<1.0	<1.0	1.2	**6.7**	-	<1.0	38	**22**	<0.044	0.65	SPD
B-12A	6/27/00	S-1	20 - 22	62	27	**160**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.021	0.007	0.036	-	-
		S-2	25 - 27	3.0	<1.2	<1.6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	NPD
NR 720 SOIL CLEANUP STANDARD					100	100	0.0055	1.5	2.9	4.1	0.0049	NS	NS	NS	NS	NS	NS
NR 746 Indicators of Residual Petroleum Product in Soil Pores - NR 746.06 Table 1					NS	NS	8.5	38	4.6	42	0.6	NS	83	11	2.7	NS	NS
NR 746 Protection of Human Health From Direct Contact with Contaminated Soil (top 4 feet of soil) - NR 746.06 Table 2					NS	NS	1.10	NS	NS	NS	0.54	NS	NS	NS	NS	NS	NS

5.1 = Exceeds Wisconsin Administrative Code NR 720 Soil Cleanup Standards
22 = Exceeds NR 746.06 Table 1 values
PID = Photo Ionization Detector
FID = Flame Ionization Detector
i.u. = instrument units
< = Not detected above method detection limit (MDL)
PAH's = Polynuclear Aromatic Hydrocarbons

GRO = Gasoline Range Organics DRO = Diesel Range Organics
SPD = Some PAH's Detected; See Table 3 and lab report for specific analyes and concentrations
NPD = No PAH's Detected
mg/Kg = Milligrams per Kilogram, equivalent to parts-per-million (ppm)
ug/Kg = Micrograms per Kilogram, equivalent to parts-per-billion (ppb)
NS = No Standard
NR = No Response

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TABLE 2B
SOIL BORING ANALYTICAL RESULTS
DIRECT OIL/BRUMBERG OIL BULK PLANT
2511 PINE TREE LANE, ALTOONA, WISCONSIN
SOUTH UST AREA B

LOCATION	DATE	SAMPLE NO.	DEPTH (feet)	PID/FID (i.u.s)	GRO mg/kg	DRO mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl benzene mg/kg	Total Xylenes mg/kg	1,2 Dichloro-ethane mg/kg	MTBE mg/kg	1,2,4 Trimethyl-benzene mg/kg	1,3,5 Trimethyl-benzene mg/kg	Naph-thalene mg/kg	Lead mg/kg	PAH's mg/kg
B-13	9/21/99	S-1	0 - 2	NR	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	15.0	<2.7	<4.1	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	1.1	-
		S-6	10 - 12	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	6.2	<2.8	<4.3	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	<0.025	0.4	-
B-17	12/6/99	S-1	0 - 2	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	2.0	-	<3.8	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	-	-
		S-5	8 - 10	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-10	18 - 20	3.6	-	<4.2	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	-	-
B-18	12/6/99	S-1	0 - 2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	6.2	-	<3.7	<0.025	<0.025	<0.025	0.040	-	<0.025	<0.025	<0.025	-	-	-
		S-8	14 - 16	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-10	18 - 20	5.4	-	<3.8	<0.025	<0.025	<0.025	<0.025	-	<0.025	<0.025	<0.025	-	-	-
B-19	12/6/99	S-1	0 - 2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-7	12 - 14	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	10.7	<2.7	<3.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.65	-
		S-9	16 - 18	1.5	<2.6	<4.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.41	-
B-20	12/6/99	S-1	0 - 2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-2	2 - 4	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-3	4 - 6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-4	6 - 8	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-5	8 - 10	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-6	10 - 12	5.0	<2.6	<3.7	<0.025	<0.025	<0.025	0.035	<0.025	<0.025	<0.025	<0.025	<0.025	0.99	-
		S-7	12 - 14	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-8	14 - 16	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-
		S-9	16 - 18	1.2	<2.7	<3.7	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.52	-
MW-6	4/10/02	S-1	20 - 22	24	3.3	<4.4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.031	<0.025	<0.025	0.39	NA
NR 720 SOIL CLEANUP STANDARD					100	100	0.0055	1.5	2.9	4.1	0.0049	NS	NS	NS	NS	NS	NS
NR 746 Indicators of Residual Petroleum Product in Soil Pores - NR 746.06 Table 1					NS	NS	8.5	38	4.6	42	0.6	NS	83	11	2.7	NS	NS
NR 746 Protection of Human Health From Direct Contact with Contaminated Soil (top 4 feet of soil) - NR 746.06 Table 2					NS	NS	1.10	NS	NS	NS	0.54	NS	NS	NS	NS	NS	NS

5.1 = Exceeds Wisconsin Administrative Code NR 720 Soil Cleanup Standards

< = Not detected above method detection limit (MDL)

mg/Kg = Milligrams per Kilogram, equivalent to parts-per-million (ppm)

PID = Photo Ionization Detector FID = Flame Ionization Detector

GRO = Gasoline Range Organics NS = No Standard

DRO = Diesel Range Organics NR = No Response

PAH's = Polynuclear Aromatic Hydrocarbons

i.u. = instrument units

SPD = Some PAH's Detected; See Table 3 and lab report for specific analytes and concentrations

TABLE 3
SOIL ANALYTICAL RESULTS
DIRECT OIL/BRUMBERG OIL BULK PLANT
PINE TREE LANE, ALTOONA WISCONSIN
Polynuclear Aromatic Hydrocarbons (PAHs)

Boring	Date	Sample Depth (feet)	FID Response (i.u.s.)	1-Methyl-naph-thalene (mg/kg)	2-Methyl-naph-thalene (mg/kg)	Ace-naph-thene (mg/kg)	Ace-naph-thylene (mg/kg)	Anthra-cene (mg/kg)	Benzo(a) Anthra-cene (mg/kg)	Benzo(a) pyrene (mg/kg)	Benzo(b) fluor-anthene (mg/kg)	Benzo (g,h,I) perylene (mg/kg)	Benzo(k) fluor-anthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h) Anthracene (mg/kg)	Fluor-anthene (mg/kg)	Flourene (mg/kg)	Indeno (1,2,3-cd) pyrene (mg/kg)	Naph-thalene (mg/kg)	Phenan-threne (mg/kg)	Pyrene (mg/kg)
B-5	9/20/99	10 - 12	133	0.100	0.095	<0.035	<0.041	<0.038	<0.039	<0.035	<0.039	<0.042	<0.039	0.054	<0.042	<0.037	<0.037	<0.042	<0.043	<0.034	450
B-6	9/20/99	12 - 14	107	0.87	0.23	0.34	<0.031	<0.029	<0.030	<0.027	<0.030	<0.032	<0.030	0.059	<0.032	<0.028	<0.028	<0.032	<0.033	<0.026	0.36
B-7	9/20/99	16 - 18	340	8.7	12.0	0.60	<0.16	0.31	<0.16	<0.14	<0.16	<0.17	<0.16	<0.16	<0.17	<0.15	1.5	<0.17	3.0	2.9	<0.16
B-9	9/21/99	22 - 23	140	6.90	7.80	0.55	<0.18	0.34	<0.17	<0.15	<0.17	<0.18	<0.17	<0.17	<0.18	<0.16	1.30	<0.18	1.30	3.30	<0.17
B-12	9/21/99	16 - 18	238	1.3	0.81	0.26	<0.041	<0.038	<0.039	<0.035	<0.039	<0.042	<0.039	<0.039	<0.042	<0.037	0.52	<0.042	<0.044	0.46	0.23
B-12A	6/27/00	25 - 27	3.0	<0.018	<0.020	<0.078	<0.020	<0.0030	<0.0018	<0.0044	<0.00072	<0.0036	<0.00080	<0.0033	<0.019	<0.0027	<0.0089	<0.0051	<0.018	<0.0029	<0.010
B-14	9/21/99	22 - 24	509	14.0	12.0	1.0	<0.17	0.85	<0.16	<0.15	<0.16	<0.17	<0.16	0.18	<0.17	0.57	2.2	<0.17	4.1	4.8	0.78
B-14	9/21/99	30 - 31	9	<0.015	<0.014	<0.014	<0.016	<0.015	<0.015	<0.014	<0.015	<0.016	<0.015	<0.015	<0.016	<0.014	<0.014	<0.016	<0.017	<0.013	<0.015
B-15	9/21/99	22 - 24	193	0.69	0.62	0.084	<0.016	<0.015	<0.016	<0.014	<0.016	<0.017	<0.016	<0.016	<0.017	0.020	0.12	<0.017	0.12	0.19	0.035
B-15	9/21/99	30 - 32	1.3	<0.016	<0.014	<0.014	<0.016	<0.015	<0.016	<0.014	<0.016	<0.017	<0.016	<0.016	<0.017	<0.015	<0.015	<0.017	<0.018	<0.014	<0.016
B-16	9/21/99	12 - 14	22	<0.015	<0.014	<0.014	<0.016	<0.015	<0.015	<0.014	<0.015	<0.016	<0.015	<0.015	<0.016	<0.014	<0.014	<0.016	<0.017	<0.013	<0.015
B-16	9/21/99	22 - 24	1.5	<0.017	<0.015	<0.015	<0.018	<0.017	<0.017	<0.015	<0.017	<0.018	<0.017	<0.017	<0.018	<0.016	<0.016	<0.018	<0.019	<0.015	<0.017
B-24	9/21/99	27 - 29	545	45.0	43.0	2.6	<0.65	0.99	<0.63	<0.56	<0.63	<0.67	<0.63	<0.63	<0.67	<0.58	6.1	<0.67	19.0	11.0	0.97
B-24	9/21/99	45 - 47	13	<0.016	<0.014	<0.014	<0.016	<0.015	<0.016	<0.014	<0.016	<0.017	<0.016	<0.016	<0.017	<0.015	<0.015	<0.017	<0.017	0.019	<0.016
B-26	02/28/00	32.5-34.5	201	3.0	6.8	<0.12	<0.16	0.18	<0.12	<0.13	<0.11	<0.14	<0.11	<0.12	<0.14	<0.13	0.98	<0.13	1.0	1.5	0.13
B-26	02/28/00	45 - 47	0.8	<0.018	<0.018	<0.018	<0.024	<0.014	<0.018	<0.020	<0.017	<0.022	<0.018	<0.019	<0.021	<0.020	<0.013	<0.020	<0.019	<0.018	<0.017
MW-2	4/9/02	32.5-34.5	0	<0.019	<0.018	<0.020	0.017	<0.0031	<0.00066	<0.0025	<0.00074	<0.0015	<0.00085	<0.0045	<0.0047	<0.00091	<0.0095	<0.0017	<0.018	<0.0039	0.0048
MW-3	4/9/02	35 - 37	110	<0.017	5.3	0.33	0.36	<0.0027	0.12	<0.0022	<0.00065	<0.0014	0.0073	<0.0040	<0.0042	<0.00081	0.66	0.0024	0.53	1.2	4.4
MW-3	4/9/02	40 - 42	0.0	<0.020	<0.019	<0.021	0.37	<0.0033	<0.00071	<0.0026	<0.00078	<0.0016	<0.00091	<0.0048	<0.0050	<0.00097	<0.010	<0.0018	<0.019	<0.0042	0.012
MW-4	4/10/02	30 - 32	0.0	<0.020	<0.019	<0.021	0.61	<0.0033	<0.00071	<0.0026	<0.00078	<0.0016	<0.00091	<0.0048	<0.0050	<0.00097	<0.010	<0.0018	<0.019	<0.0042	<0.0035
MW-5	4/10/02	42.5-44.5	0.0	<0.020	<0.019	<0.021	1.5	<0.0032	<0.00068	<0.026	<0.00076	<0.0016	<0.00088	<0.0046	<0.0049	<0.00094	<0.0098	<0.0017	<0.018	<0.0040	<0.0034
HB-1	08/22/02	2.0-4.0	0.0	<0.015	<0.018	<0.017	<0.015	<0.0023	<0.00028	<0.00061	<0.00052	<0.0013	<0.00091	<0.0036	<0.0033	<0.00091	<0.0082	<0.0014	<0.023	<0.0026	<0.0029
HB-2	08/22/02	2.0-4.0	0.0	<0.015	<0.017	<0.016	<0.015	<0.0022	<0.00026	<0.00058	<0.00050	<0.0013	<0.00088	<0.0035	<0.0032	<0.00088	<0.0078	<0.0014	<0.022	<0.0025	<0.0028
HB-3	08/22/02	2.0-4.0	0.0	<0.015	<0.017	<0.016	<0.015	<0.0022	<0.00027	<0.00058	<0.00050	<0.0013	<0.00088	<0.0035	<0.0032	<0.00088	<0.0079	<0.0014	<0.022	<0.0025	<0.0028
HB-4	08/22/02	2.0-4.0	0.0	<0.015	<0.017	<0.016	<0.015	<0.0022	<0.00026	<0.00058	0.0016	<0.0013	<0.00088	<0.0035	<0.0032	0.0025	<0.0078	<0.0014	<0.022	<0.0025	<0.0028
HB-5	08/22/02	2.0-4.0	0.0	<0.015	<0.017	<0.016	<0.015	<0.0023	<0.00027	<0.00060	0.0015	<0.0013	<0.00090	<0.0036	<0.0033	0.0026	<0.0080	<0.0014	<0.023	0.0032	<0.0028
HB-6	08/22/02	0-2.0	0.8	<0.015	<0.017	<0.016	<0.015	<0.0022	0.0010	0.0016	0.0014	<0.0013	<0.00088	<0.0035	<0.0032	0.0035	<0.0078	<0.0014	<0.022	0.0027	<0.0027
HB-7	08/22/02	2.0-4.0	0.0	<0.015	<0.017	<0.016	<0.015	<0.0023	<0.00027	<0.00059	<0.00051	<0.0013	<0.00090	<0.0036	<0.0032	<0.00090	<0.0080	<0.0014	<0.023	<0.0026	<0.0028
HB-8	08/22/02	2.0-4.0	0.0	<0.015	<0.017	<0.016	<0.015	<0.0023	<0.00027	<0.00059	<0.00051	<0.0013	<0.00090	<0.0036	<0.0032	<0.00090	<0.0080	<0.0014	<0.023	<0.0026	<0.0028
HB-9	08/22/02	0-2.0	44	19	<0.18	<0.16	<0.15	<0.023	<0.0027	<0.0060	<0.0052	<0.013	<0.0091	<0.036	<0.033	20	4.6	<0.014	<0.23	11	<0.029
Suggested Generic Residual Contaminant for PAH Compounds at Industrial Sites [a]				70,000	40,000	60,000	360	300000	3.9	0.39	3.9	39	39	390	0.39	40000	40000	3.9	110	390	30000
Suggested Generic Residual Contaminant Levels for PAH Compounds at Nonindustrial Sites [a]				1100	600	900	18	5000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	20	18	500

Designations

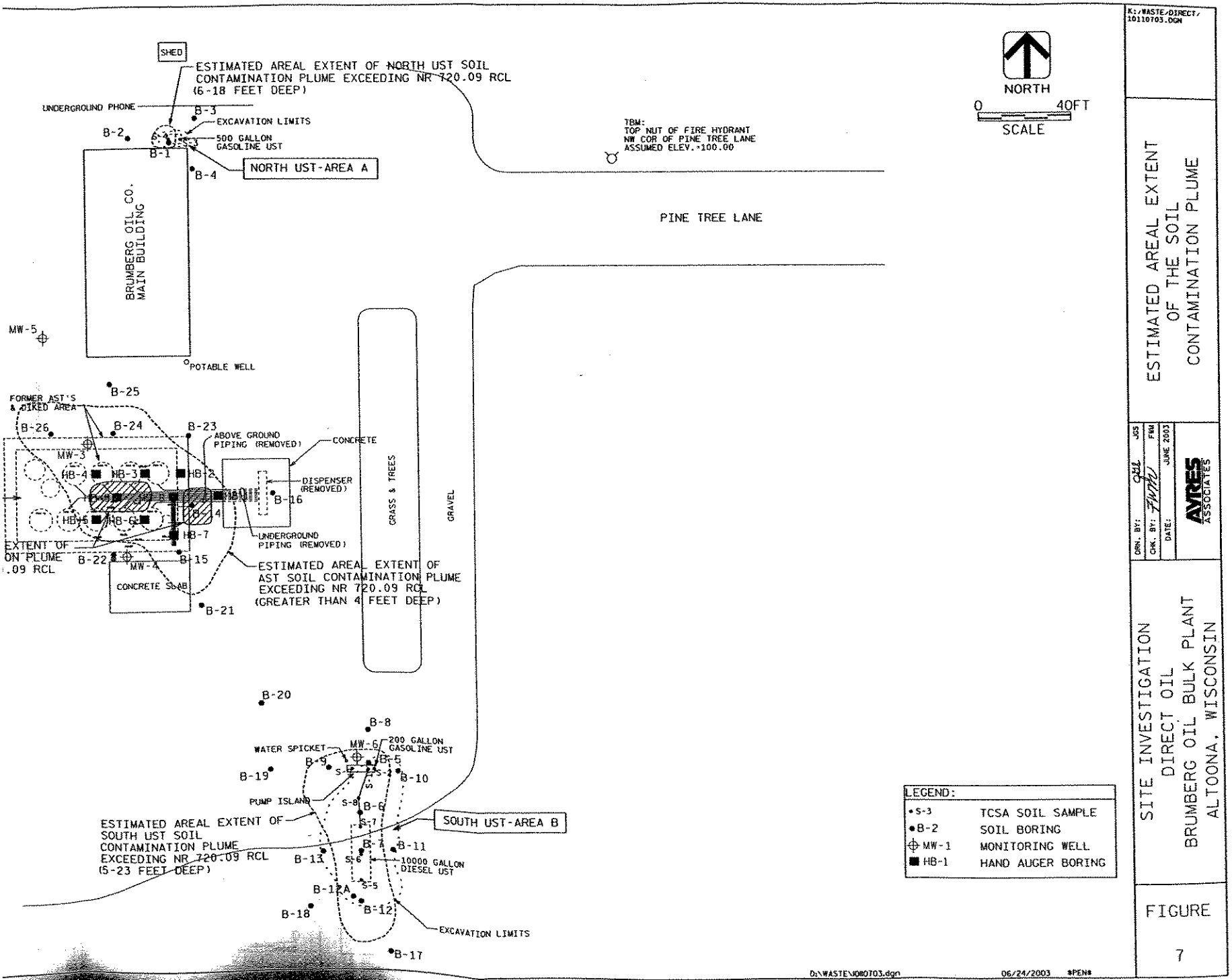
- = Not analyzed
< = Less than the detection limit shown
FID = Flame Ionization Detector
I.u.'s = instrument units

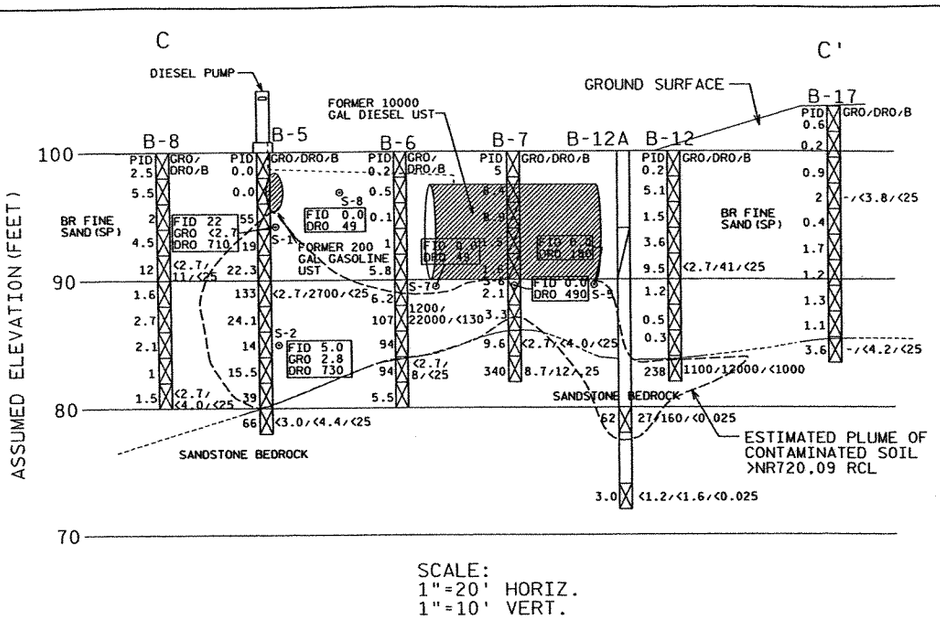
* = See analytical results for footnotes
(a) = WDNR Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons, Publication RR-519-97, Table 1
mg/Kg = milligrams per kilogram

Table 1
Monitoring Well Elevation Information
Direct Oil / Brumberg Oil Bulk Plant
2511 Pine Tree Lane, Altoona, Wisconsin

	MW-1 Regional	MW-2 Perched	MW-3 Perched	MW-4 Perched	MW-5 Perched	MW-6 Regional
Wisconsin Unique Well I.D. No.	PA 161	PA 162	PA 163	PA 164	PA 165	PA 166
Top of Casing Elevation	101.07	100.27	100.51	101.37	100.91	101.60
Ground Surface Elevation	99.05	99.08	98.64	99.60	99.00	100.03
Top of Screen Elevation	21.07	76.37	68.59	72.84	68.91	21.27
Bottom if Screen Elevation	6.07	61.37	53.59	62.84	53.91	6.27
Depth to Ground Water 7/12/00	87.66	Not Installled	Not Installled	Not Installled	Not Installled	Not Installled
Depth to Ground Water 4/16/02	86.18	36.50	40.77	36.00	Dry Well	85.18
Depth to Ground Water 8/20/02	86.76	36.18	37.37	34.53	42.78	85.94
Depth to Ground Water 7/1/03	85.26	36.04	37.96	35.11	43.88	84.24
Ground Water Elevation 7/12/00	13.41	Not Installled	Not Installled	Not Installled	Not Installled	Not Installled
Ground Water Elevation 4/16/02	14.89	63.77	59.74	65.37	Dry Well	16.42
Ground Water Elevation 8/20/02	14.31	64.09	63.14	66.84	58.13	15.66
Ground Water Elevation 7/1/03	15.81	64.23	62.55	66.26	58.03	17.36

Benchmark = Top nut of fire hydrant located at the NW corner of Pine Tree Lane assumed elevation 100.00


SHED
ESTIMATED AREAL EXTENT OF NORTH UST SOIL CONTAMINATION PLUME EXCEEDING NR 720.09 RCL (6-18 FEET DEEP)
UNDERGROUND PHONE
B-3
EXCAVATION LIMITS
B-2
S-3
500 GALLON GASOLINE UST
B-1
NORTH UST-AREA A
B-4
BRUMBERG OIL CO. MAIN BUILDING
TBM: TOP NUT OF FIRE HYDRANT NW COR OF PINE TREE LANE ASSUMED ELEV.=100.00
PINE TREE LANE
NORTH
0
40FT
SCALE
MW-5
POTABLE WELL
B-25
FORMER AST'S & DIKED AREA
B-26
B-24
B-23
ABOVE GROUND PIPING (REMOVED)
CONCRETE
MW-3
HB-4
HB-3
HB-2
DISPENSER (REMOVED)
B-16
HB-5
HB-6
HB-7
UNDERGROUND PIPING (REMOVED)
GRASS & TREES
GRAVEL
EXTENT OF ON PLUME .09 RCL
B-22
MW-4
B-15
CONCRETE SLAB
ESTIMATED AREAL EXTENT OF AST SOIL CONTAMINATION PLUME EXCEEDING NR 720.09 RCL (GREATER THAN 4 FEET DEEP)
B-21
B-20
B-8
WATER SPICKET
MW-6
200 GALLON GASOLINE UST
B-9
B-5
B-19
S-1
S-2
B-10
PUMP ISLAND
S-8
B-6
S-7
SOUTH UST-AREA B
ESTIMATED AREAL EXTENT OF SOUTH UST SOIL CONTAMINATION PLUME EXCEEDING NR 720.09 RCL (5-23 FEET DEEP)
B-7
B-11
B-13
S-6
10000 GALLON DIESEL UST
B-12A
S-5
B-18
B-12
EXCAVATION LIMITS
B-17
LEGEND:
•S-3 TCSA SOIL SAMPLE
•B-2 SOIL BORING
MW-1 MONITORING WELL
HB-1 HAND AUGER BORING
K:/WASTE/DIRECT/10110703.DGN
ESTIMATED AREAL EXTENT OF THE SOIL CONTAMINATION PLUME
DRN. BY: JGS
CHK. BY: FWM
DATE: JUNE 2003
AMES ASSOCIATES
SITE INVESTIGATION
DIRECT OIL
BRUMBERG OIL BULK PLANT
ALTOONA, WISCONSIN
FIGURE
7
D:\WASTE\101703.dgn
06/24/2003
PEN



SCALE:
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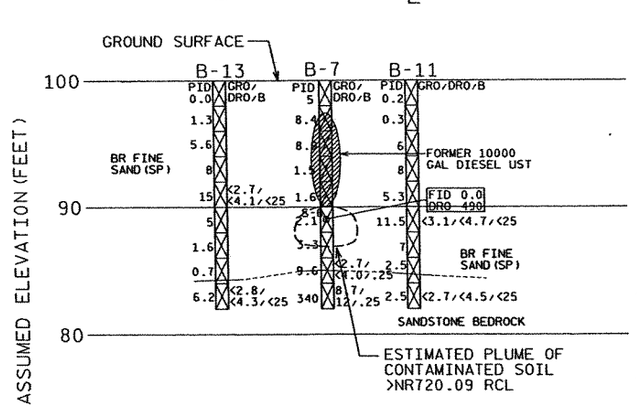
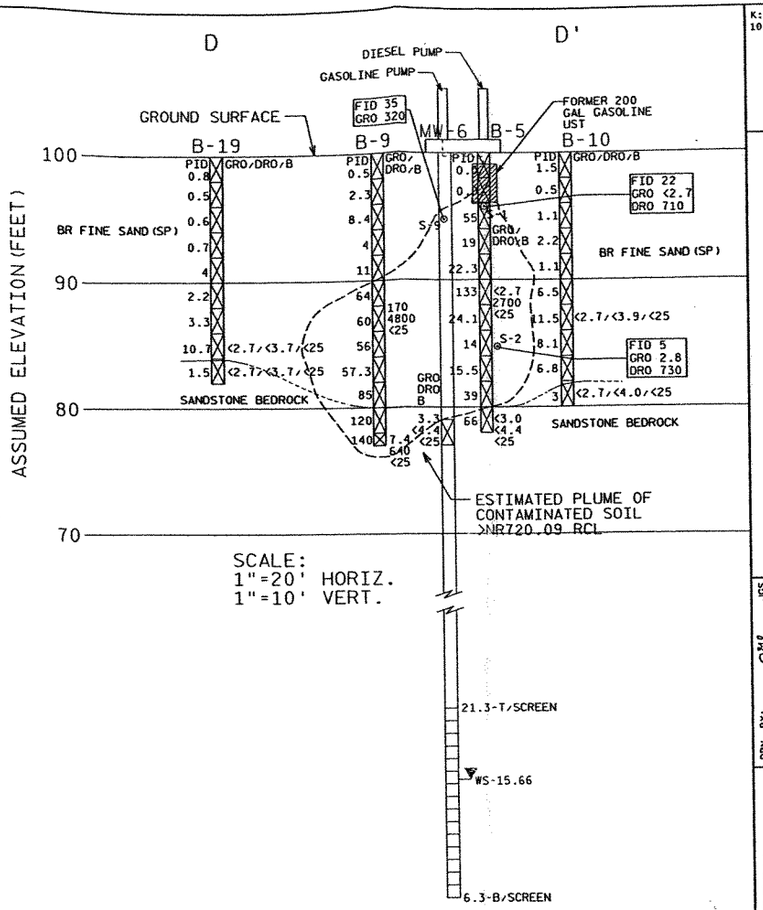
1"=10' VERT.

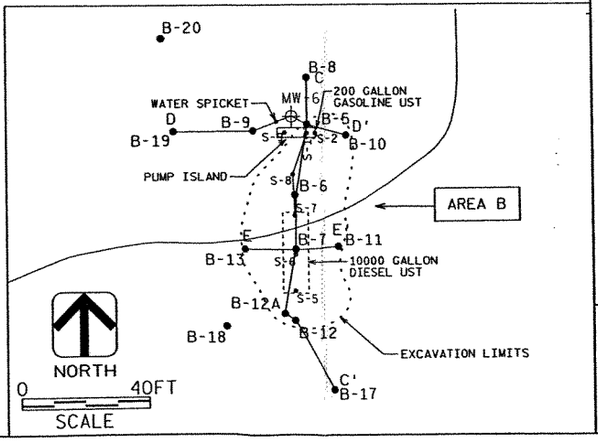


SCALE:
1"=20' HORIZ.
1"=10' VERT.



SCALE:
1"=20' HORIZ.
1"=10' VERT.

LEGEND:	
PID	PHOTO IONIZATION DETECTOR (I.U.)
FID	FLAME IONIZATION DETECTOR (I.U.)
GRO	GASOLINE RANGE ORGANICS (mg/kg)
DRO	DIESEL RANGE ORGANICS (mg/kg)
B	BENZENE (ug/kg)
⊙ S-3	TCSA SOIL SAMPLE
MW 6	GROUND WATER ELEVATION TAKEN ON 8/20/02



NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

K:/WASTE/DIRECT/101107X1.DGN

SOUTH UST (AREA B)
CROSS SECTIONS
C-C', D-D' & E-E'

DRN. BY: JGS
CHK. BY: FWM
DATE: JUNE 2003

AYRES ASSOCIATES

SITE INVESTIGATION
DIRECT OIL
BRUMBERG OIL BULK PLANT
ALTOONA, WISCONSIN

FIGURE
4

DIRECT
OIL COMPANY

A Corporation
2645 Harlem Street Suite 1C • Eau Claire, WI 54701 • 715-836-8000

August 4, 2003

Ms. Kristi Hammes
Department of Commerce
P.O. Box 8044
201 W. Washington Avenue
Madison, WI 53708-8044

Re: Direct Oil Company/Brumberg Oil Property (South UST Area)
Tax Parcel ID No. 201-1052-06
PECFA Claim No. 54720-2063-11-B
BRRTS No. 03-18-466960

Dear Ms. Hammes:

As part of the closure request for the Direct Oil Company/Brumberg Oil bulk plant (AST area) site in Altoona, Wisconsin, a copy of the legal description and deed for the affected property is provided. Fredric Bushendorf currently owns the affected property and it is leased to Direct Oil Company. The deed and legal description of the affected property is included along with a City of Altoona subdivision map and a map defining the contamination limits. I believe this is the most recent and accurate description of the affected property and contamination limits on the property.

I will be placing 2511 Pine Tree Lane, Altoona, Wisconsin, on the WDNR GIS registry of closed contaminated sites.

If you have any questions, please contact me at (715) 836-8000.

Sincerely,

Direct Oil Company

Fredric Bushendorf
President

Enclosures

cc: Frank Maenner (Ayres Associates)