

GIS REGISTRY INFORMATION

36 PDF
SCANNED
EK

SITE NAME: Former Cemedine USA, INC
 BRRTS #: 02-41-343517 FID # (if appropriate): 241044320
 COMMERCE # (if appropriate): _____
 CLOSURE DATE: _____
 STREET ADDRESS: 7655 South 6th Street
 CITY: Dak Creek, WI 53154
 SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 689635 Y= 272367

CONTAMINATED MEDIA: Groundwater Soil Both
 OFF-SOURCE GW CONTAMINATION >ES: Yes No

IF YES, STREET ADDRESS 1: _____
 GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): Yes No

IF YES, STREET ADDRESS 1: _____
 GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter or denial letter issued
- Copy of any maintenance plan referenced in the final closure letter.
- Copy of (soil or land use) ~~deed notice~~ if any required as a condition of closure *part of letter*
- Copy of most recent deed, including legal description, for all affected properties
- Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties
- County Parcel ID number, if used for county, for all affected properties
- 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.
- 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.
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)
- 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
- 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
- Geologic cross-sections, if required for SI. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate
- Copies of off-source notification letters (if applicable)
- Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

January 17, 2007

FID#241044320
BRRTS# 02-41-343517

Mr. Jack Garavanta
Henkel Technologies, Inc.
32100 Stephenson Highway
Madison Heights, Michigan 48071

Subject: Final Case Closure with Land Use Limitations or Conditions,
Former Cemedine USA, Inc., 7655 South 6th Street, Oak Creek, WI

Dear Mr. Garavanta:

On March 7, 2006, the Southeast Region Closure Committee (Committee) reviewed your request for closure of the case described above. The Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. You submitted a draft deed restriction as part of the requirement to obtain closure at this site. However, under legislation passed in June, 2006 the Department of Natural Resources (Department) no longer utilize deed restrictions, but instead utilizes closure conditions to ensure the site conditions remain protective.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

The most recent soil samples that were collected on this property, which were collected in November 2004, contained Lead and Benzo (a) pyrene that exceeded NR 720.11, Table 2 non-industrial soil standards in concentrations that exceeded NR 720.11, Table 2, Wis. Adm. Code, soil standards. Therefore, pursuant to s. 292.12(2) (c), Wis. Stats., the property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted, to determine the degree and extent of Poly Aromatic Hydrocarbons(PAH) and Metal contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. If soil in the

specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Barbara Grundl at 414-263-8564

Sincerely,



Jim Schmidt

Southeast Remediation & Redevelopment Team Supervisor

cc: Sean Cranley - ChemReport, Inc
WDNR Case File

EXHIBIT A

Legal Description of the Property

Parcel 1 of Certified Survey Map No. 488, recorded on December 3, 1965 in Reel 283, Images 601 to 603 inclusive, as Document No. 4224441, being a Re-division of a part of Certified Survey Maps Numbered 391, 394 and 487 and land in the Southeast 1/4 of Section 8, Town 5 North, Range 22 East, said Certified Survey map No. 488 being located in the Southeast 1/4 and Southwest 1/4 of Section 8, Town 5 North, Range 22 East, City of Oak Creek, County of Milwaukee, State of Wisconsin, as corrected by Affidavit of Correction recorded May 17, 1966, on Reel 308, Image 1780, as Document No. 4255230.

Error Name:

/invalidaccess

222-602

2-3

CERTIFIED SURVEY MAP

Offending Command: --image--T OF CERTIFIED SURVEY MAPS NUMBERED 391, 394 AND LANDS IN THE S. E. 1/4 OF SECTION 8, TOWNSHIP 5 NORTH, RANGE 22 EAST, IN THE CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN.

Operand Stack:

-save- SURVEYOR'S CERTIFICATE STATE OF WISCONSIN MILWAUKEE COUNTY :SS

I, KENNETH E. BERKE, LAND SURVEYOR, DO HEREBY CERTIFY: THAT I HAVE SURVEYED AND MAPPED A RE-DIVISION OF A PART OF CERTIFIED SURVEY MAPS NUMBERED 391, 394 AND 437, AND LANDS IN THE S E 1/4 OF SECTION 8, TOWNSHIP 5 NORTH, RANGE 22 EAST, IN THE CITY OF OAK CREEK MILWAUKEE COUNTY, WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTH 1/4 CORNER OF SECTION 8; THENCE NORTH 00°08'20" EAST ALONG THE NORTH AND SOUTH 1/4 LINE OF SECTION 8 AFORESAID 1323.84 FT. TO THE POINT OF BEGINNING OF THE LAND HEREIN TO BE DESCRIBED; RUNNING THENCE NORTH 89° 09' 07.5" WEST 228.87 FT. TO A POINT ON THE EAST LINE OF THE CHICAGO, MILWAUKEE, ST PAUL AND PACIFIC RAILROAD RIGHT OF WAY; THENCE NORTH 04° 45' 31" WEST ALONG SAID EAST LINE OF THE RAILROAD RIGHT OF WAY 1098.33 FT; THENCE SOUTH 53° 51' 40" EAST 335.17 FT; THENCE SOUTHEASTERLY 220.71 FT. ON AN ARC WHOSE CENTER IS TO THE NORTH, WHOSE RADIUS IS 560.00 FT. AND WHOSE CHORD BEARS SOUTH 65° 09' 10" EAST 219.40 FT; THENCE SOUTH 76° 26' 40" EAST 63.49 FT. TO A POINT ON THE WEST LINE OF SOUTH 6TH STREET; THENCE SOUTH 00° 08' 20" WEST ALONG THE WEST LINE OF SOUTH 6TH STREET 767.71 FT; THENCE NORTH 89° 05' 32" WEST 250.02 FT. TO THE POINT OF BEGINNING.

THAT I HAVE MADE THIS SURVEY, LAND DIVISION AND MAP BY THE DIRECTION OF THE CITY OF OAK CREEK, A MUNICIPAL CORPORATION, OWNER OF SAID LAND.

THAT SUCH MAP IS A CORRECT REPRESENTATION OF ALL THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND THE LAND DIVISION THEREOF.

THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF THE WISCONSIN STATUTES AND ORDINANCE NO. 82 OF THE CITY OF OAK CREEK IN SURVEYING, DIVIDING AND MAPPING THE SAME.

DATE Nov-17-1965

Kenneth E. Berke
KENNETH E. BERKE, REGISTERED LAND SURVEYOR



CORPORATE OWNER'S CERTIFICATE OF DEDICATION

THE CITY OF OAK CREEK, A MUNICIPAL CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, AS OWNER, DOES HEREBY CERTIFY THAT SAID CORPORATION CAUSED THE LAND DESCRIBED ON THIS PLAT TO BE SURVEYED, DIVIDED AND DEDICATED AS REPRESENTED ON THIS PLAT IN ACCORDANCE WITH THE REQUIREMENTS OF ORDINANCE NO. 82 OF THE CITY OF OAK CREEK.

IN WITNESS WHEREOF, THE SAID CITY OF OAK CREEK, HAS CAUSED THESE PRESENTS TO BE SIGNED BY ARTHUR ABENDSCHEIN, ITS MAYOR AND COUNTER-SIGNED BY LAVERNE C. GUTKNECHT, ITS CLERK, AT OAK CREEK, WISCONSIN, AND ITS CORPORATE SEAL TO BE HEREUNTO AFFIXED ON THIS 10th DAY OF NOVEMBER, 1965.

IN THE PRESENCE OF:

Arthur Abendschein
Laverne C. Gutknecht

CITY OF OAK CREEK

ARTHUR
LAVERNE

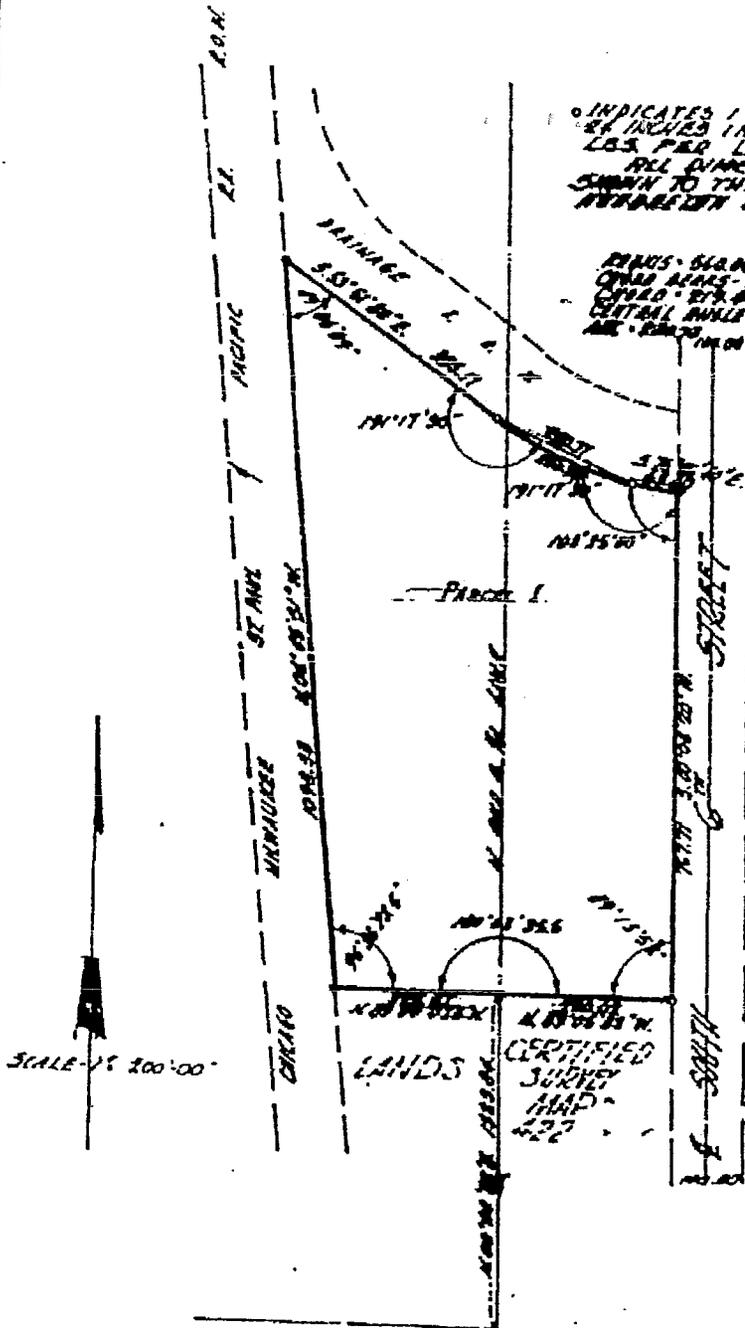


NATIONAL SURVEY SERVICE
CIVIL ENGINEERS AND
6730 W. VLAET ST.
MILWAUKEE, WISCONSIN 53222
KENNETH E. BERKE - REGISTERED WIS. LAND SURVEYOR

CERTIFIED SURVEY MAP

BEING A RE-DIVISION OF A PART OF CERTIFIED SURVEY MAPS NUMBERED 391, 394 AND 487 AND LANDS IN THE S. E. 1/4 OF SECTION 8, TOWNSHIP 5 NORTH, RANGE 22 EAST, IN THE CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN.

150
100
50
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150-349

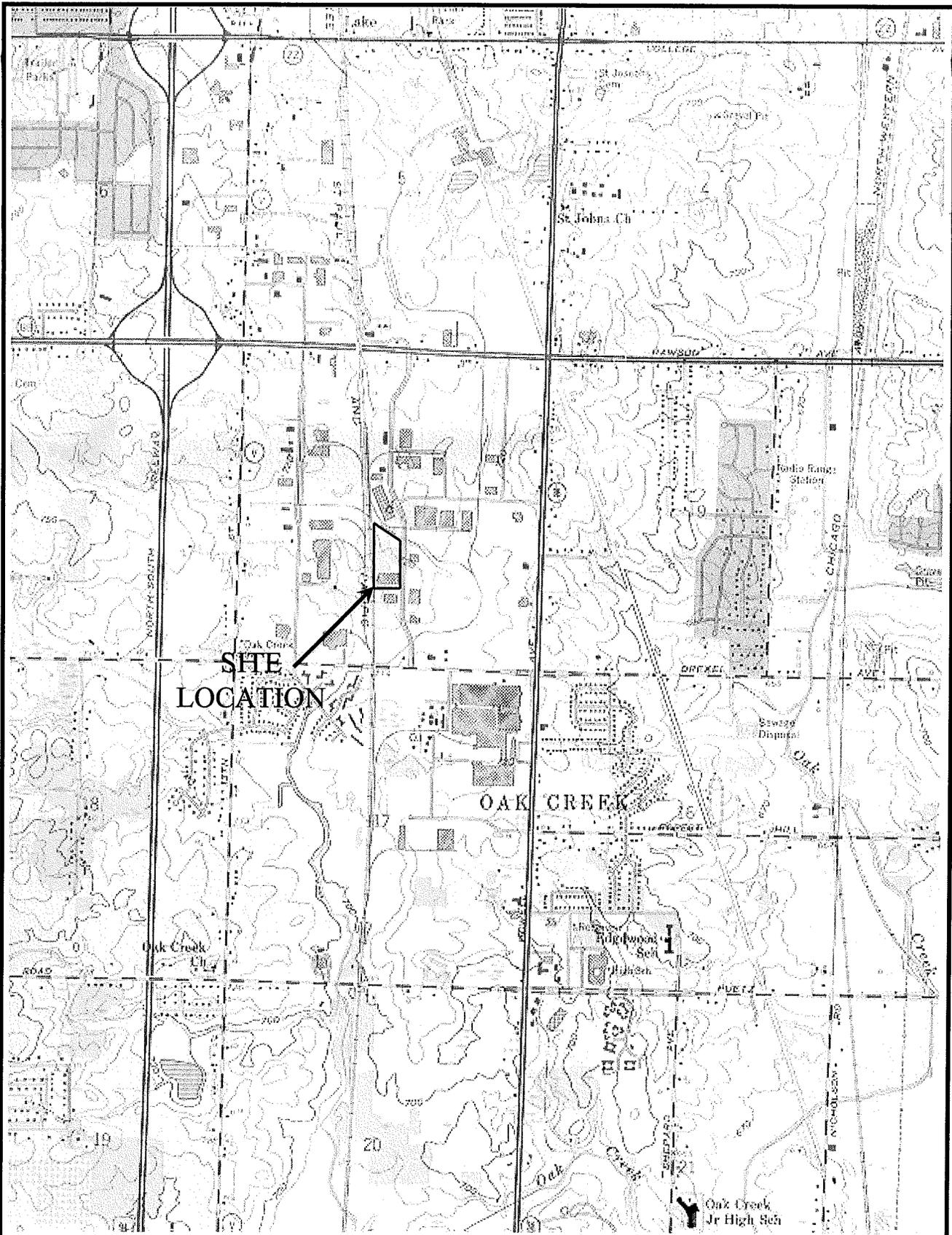


○ INDICATES 1 INCH IRON PIPE
2 1/2 INCHES IN LENGTH WT. 1.13
LBS. PER LINEAL FT.
ALL DIMENSIONS ARE
SHOWN TO THE NEAREST
HUNDRETH OF A FOOT

BEARS 51.00
CHORD BEARS - E 45° 09' 10" E
CHORD - 27.40
CENTRAL ANGLE - 29° 35' 00"
ARC - 28.72 (100.00)

SCALE - 1" = 100' 00"

NATIONAL SURVEY SERVICE
CITY ENGINEERS AND SURVEYORS
8725 N. VILLET ST.
MILWAUKEE, WISCONSIN 53224
PROPERTY & ENGINEERING DIV. LAND DIVISION



Site Location Map	
Project Number:	Figure
090303-2	11
Date Drawn:	
4/20/05	
Scale:	1 of 15
Not Scaled	
Drawn By:	
Brian Murphy	

FIGURE 11
SITE LOCATION MAP
Cemedine USA, Inc.
7655 South 6th Street, Oak Creek, Wisconsin

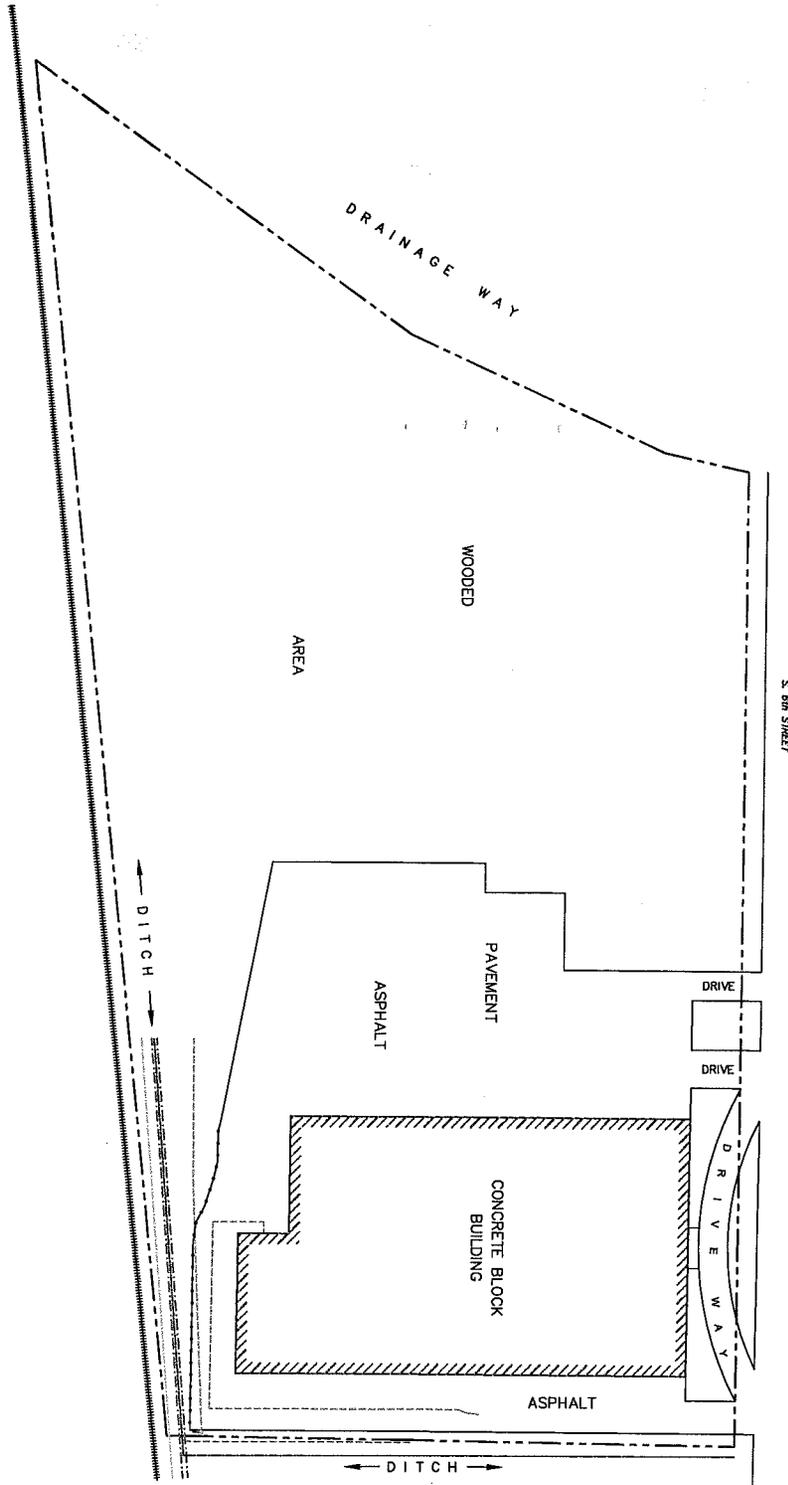

ChemReport
 INCORPORATED®

4525 Washington Road • Kenosha, WI 53144
 (262) 654-7020 www.chemreport.com

Kenosha • Milwaukee

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- - - BURIED NATURAL GAS
- BURIED ELECTRIC
- BURIED FIBER OPTIC
- BURIED TELCO
- O.H. POWER LINES
- +++++ R.R. TRACKS



12 SITE CONFIGURATION MAP
 SCALE: 1" = 150'

ChemReport, Inc.
 INCORPORATED
 4515 Washington Road
 Kenosha, WI 53144
 800-965-5323
 engineer@chemreport.com

CEMEDINE U.S.A.
SITE CONFIGURATION MAP

7655 S. 6th STREET
 OAK CREEK, WI 53154

Approved By: S. CRANLEY	Figure
Date Approved: 4/14/05	12
Date Drawn: 4/13/05	
Drawn by: B. MURPHY	2 of 15

Table I4
Groundwater Sample Analytical Results Summary
Former Cemedine USA
Fall 2004, Winter 2005

Parameter	Sample ID													NR 140 Standards		
	DS-1W	DS-2W	DS-3W	DS-4W	DS-5W	CB-2W	CB-3W	CB-4W	CB-5W(1)	FP-2W	FP-3W	MW-4(1)	Trip Blank	PAL	ES	
VOCs (ug/l)															ug/l	ug/l
Benzene	<0.20	<0.500	0.25	0.21	<0.20	<0.500	0.27	0.680 ●	0.25	0.650 ●	0.47	NA	<0.20	0.5	5	
Bromomethane	<0.20	0.320	1.0 ●	<0.20	<0.20	0.320	<0.20	0.32	<0.20	0.320	<0.20	NA	<0.20	1	10	
Toluene	0.24	<5.00	0.44	0.30	<0.20	<5.00	0.49	<5.00	0.46	<5.00	0.74	NA	<0.20	200	1000	
PAHs (ug/l)															ug/l	ug/l
Benz(a)anthracene	<0.100	<0.100	<0.100	<0.100	<0.167	<0.116	<0.100	<0.100	0.335	<0.100	<0.100	<0.100	NA	NS	NS	
Benzo(a)pyrene	<0.0200	<0.0200	0.140 ●	<0.0200	<0.0333	<0.0233	<0.0200	<0.0200	1.15 ■	<0.0200	<0.0200	<0.0200	NA	0.02	0.2	
Benzo(b)fluoranthene	<0.0200	<0.0200	<0.0200	<0.0200	<0.0333	<0.0233	<0.0200	<0.0200	0.860 ■	<0.0200	<0.0200	<0.0200	NA	0.02	0.2	
Benzo(k)fluoranthene	<0.100	<0.100	<0.100	<0.100	<0.167	<0.116	<0.100	<0.100	0.529	<0.100	<0.100	<0.100	NA	NS	NS	
Chrysene	<0.0200	<0.0200	<0.0200	<0.0200	<0.0333	<0.0233	<0.0200	<0.0200	0.843 ■	<0.0200	<0.0200	<0.0200	NA	0.02	0.2	
Dibenz(a,h)anthracene	<0.100	<0.100	<0.100	<0.100	<0.167	<0.116	<0.100	<0.100	0.161	<0.100	<0.100	<0.100	NA	NS	NS	
Indeno(1,2,3-cd)pyrene	<0.200	<0.200	<0.200	<0.200	<0.333	<0.233	<0.200	<0.200	1.10	<0.200	<0.200	<0.200	NA	NS	NS	
Dissolved Metals (mg/l)															mg/l	mg/l
Dissolved Cadmium	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	NA	0.5	5	
Dissolved Lead	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	NA	1.5	15	

Notes:
 Table includes detected groundwater contaminants only.
 ● Indicates concentration exceeds preventive action limit
 ■ Indicates concentration exceeds enforcement standard

(1) Temporary monitoring well CB-5 was replaced by permanent monitoring well MW-4.
 Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.
 PAL = Preventive Action Limit
 ES = Enforcement Standard
 PAHs = Polynuclear Aromatic Hydrocarbons
 VOCs = Volatile Organic Compounds
 NA = Not Analyzed / Not Applicable
 NS = No Standard

Table I5
 Temporary Groundwater Monitoring Well Elevation Data
 Former Cemedine USA - Oak Creek, WI
 Fall 2004

Measurement	Well ID, Date																									
	DS-1		DS-2		DS-3		DS-4		DS-5		CB-1		CB-2		CB-3		CB-4		CB-5		FP-1		FP-2		FP-3	
	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04	11/22/04	12/14/04
Ground Surface Elevation (ft)	98.64		98.31		98.48		98.80		98.37		99.10		98.98		98.89		98.37		97.95		99.20		99.22		99.20	
Depth to Groundwater bbs (ft)	10.89	10.01	10.38	9.57	10.49	9.99	12.52	12.18	10.58	9.84	13.21	12.97	13.27	12.93	13.04	12.89	13.8	10.95	12.75	13.89	11.74	11.84	13.43	13.11	13.41	13.22
Groundwater Elevation (ft)	87.85	88.63	87.95	88.74	87.99	88.79	88.28	86.62	87.79	88.53	85.89	88.13	85.89	86.03	85.85	85.90	84.77	87.42	85.11	83.07	87.48	87.38	85.79	88.11	85.79	85.98
Total Well Depth (ft)	15.0		15.0		12.0		19.0		14.0		15.0		15.0		15.0		15.0		15.0		14.0		15.0		15.0	
Screened Length (ft)	10		10		10		10		10		10		10		10		10		10		10		10		10	
Water Column Height (ft)	4.1	5.0	4.8	5.4	1.5	2.3	6.5	8.8	3.4	4.2	1.8	2.0	1.7	2.1	2.0	2.3	1.4	4.1	2.3	1.1	2.3	2.2	1.8	1.9	1.8	1.8

Notes:
 Site elevations are relative to a reference point on site with an arbitrarily assigned elevation of 100.00 feet.

TABLE I1
Drum Storage Area Soil Sample Analytical Summary
Former Cemedine USA - Oak Creek, Wisconsin
November 2004

Parameter	Sample ID						Groundwater Protection	Soil Standards	
	DS-1 (6.0'-8.0')	DS-2 (6.0'-8.0')	DS-3(8.0'-10.0')	DS-4 (6.0'-8.0')	DS-5 (2.0'-4.0')	DS-5 (6.0'-8.0')		NR 720 RCLs Non-Industrial Direct Contact	Industrial Direct Contact
VOCs (ug/kg)									
p-Isopropyltoluene	250	<25.0	<25.0	<25.0	<25.0	<25.0	NS	NS	NS
Naphthalene	897 ◆	<25.0	<25.0	<25.0	<25.0	<25.0	400	20,000	110,000
Toluene	78.5	<25.0	<25.0	<25.0	<25.0	287	1,500	NS	NS
1,2,4-Trimethylbenzene	166	<25.0	<25.0	134	<25.0	<25.0	NS	NS	NS
PAHs (ug/kg)									
PAHs	ND	ND	ND	ND	ND	ND	NS(1)	NS(1)	NS(1)
DRO (mg/kg)									
DRO	<6.03	<5.72	<5.75	<5.43	<5.76	<5.91	100(2)	100(2)	100(2)
RCRA Metals (mg/kg)									
Cadmium	<0.603	<0.572	<0.575	<0.543	<0.576	<0.591	NS	8	510
Lead	12.3	8.98	6.43	5.51	9.97	8.27	NS	50	500

Notes:

Table includes detected soil analytes only with the exception of methylene chloride which is a laboratory contaminant.

◆ Indicates that concentration exceeds the RCL for the protection of groundwater.

▲ Indicates that concentration exceeds the RCL for the protection of human health under non-industrial direct contact exposure assumptions.

(1) Interim guidance RCLs pertain to individual PAH constituent compounds.

(2) The generic soil standard for DRO is assumed to be 100 mg/kg based on observed hydrogeological conditions.

Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.

RCL = Residual Contaminant Level

VOCs = Volatile Organic Compounds

PAHs = Polynuclear Aromatic Hydrocarbons

DRO = Diesel Range Organics

RCRA = Resource Conservation and Recovery Act

ND = None Detected

NS = No Standard Established

TABLE I2
Cuttings Bin Area Soil Sample Analytical Summary
Former Cemedine USA - Oak Creek, Wisconsin
November 2004

Parameter	Sample ID						Groundwater Protection	Soil Standards	
	CB-1 (9.0'-10.0')	CB-2 (4.0'-6.0')	CB-3(2.0'-4.0')	CB-4 (2.0'-4.0')	CB-5 (2.0'-4.0')	CB-5 (6.0'-8.0')		NR 720 RCLs Non-Industrial Direct Contact	Industrial Direct Contact
VOCs (ug/kg)									
1,2,4-Trimethylbenzene	<25.0	<25.0	<25.0	<25.0	32.7	<25.0	NS	NS	NS
PAHs (ug/kg)									
Acenaphthene	202	<119	<113	<114	<115	<115	38,000	900,000	60,000,000
Benzo(a)pyrene	6.55	<5.96	<5.65	<5.71	33.1 ▲	<5.74	48,000	8.8	390
1-Methylnaphthalene	390	<119	<113	<114	<115	<115	23,000	1,100,000	70,000,000
DRO (mg/kg)									
DRO	16.0	<5.96	<5.65	<5.71	81.5	<5.74	100(1)	100(1)	100(1)
RCRA Metals (mg/kg)									
Cadmium	<0.618	<0.596	<0.565	<0.571	<0.576	<0.574	NS	8	510
Lead	17.5	11.5	7.33	8.73	140 ▲	7.35	NS	50	500

Notes:

Table includes detected soil analytes only with the exception of methylene chloride which is a laboratory contaminant.

◆ Indicates that concentration exceeds the RCL for the protection of groundwater.

▲ Indicates that concentration exceeds the RCL for the protection of human health under non-industrial direct contact exposure assumptions.

(1) The generic soil standard for DRO is assumed to be 100 mg/kg based on observed hydrogeological conditions.

Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.

RCL - Residual Contaminant Level

VOCs = Volatile Organic Compounds

PAHs - Polynuclear Aromatic Hydrocarbons

DRO - Diesel Range Organics

RCRA = Resource Conservation and Recovery Act

NS - No Standard Established

TABLE I3
Floor Pit Area Soil Sample Analytical Summary
Former Cemedine USA - Oak Creek, Wisconsin
November 2004

Parameter	Sample ID					Groundwater Protection	Soil Standards		
	Sample ID	FP-1 (2.0'-4.0')	FP-1 (11.0'-12.0')	FP-2 (3.5'-4.0')	FP-2 (7.5'-8.0')		FP-3 (7.0'-8.0')	NR 720 RCLs Non-Industrial Direct Contact	Industrial Direct Contact
VOCs (ug/kg)									
Naphthalene		<25.0	<25.0	<25.0	<25.0	907 ◆	400	20,000	110,000
Toluene		<25.0	<25.0	<25.0	<25.0	133	1,500	NS	NS
1,2,4-Trimethylbenzene		<25.0	<25.0	<25.0	<25.0	153	NS	NS	NS
PAHs (ug/kg)									
1-Methylnaphthalene		<110	<121	178	191	<125	23,000	1,100,000 *	70,000,000
DRO (mg/kg)									
DRO		<5.48	<6.07	<5.86	<6.51	<6.26	100(1)	100(1)	100(1)
RCRA Metals (mg/kg)									
Cadmium		<0.548	<0.607	<0.586	<0.651	<0.626	NS	8	510
Lead		<5.48	12.8	12.3	11.3	16.5	NS	50	500

Notes:

Table includes detected soil analytes only with the exception of methylene chloride which is a laboratory contaminant.

◆ Indicates that concentration exceeds the RCL for the protection of groundwater.

▲ Indicates that concentration exceeds the RCL for the protection of human health under non-industrial direct contact exposure assumptions.

(1) The generic soil standard for DRO is assumed to be 100 mg/kg based on observed hydrogeological conditions.

Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.

RCL - Residual Contaminant Level

VOCs = Volatile Organic Compounds

PAHs - Polynuclear Aromatic Hydrocarbons

DRO - Diesel Range Organics

RCRA = Resource Conservation and Recovery Act

ND - None Detected

NS - No Standard Established

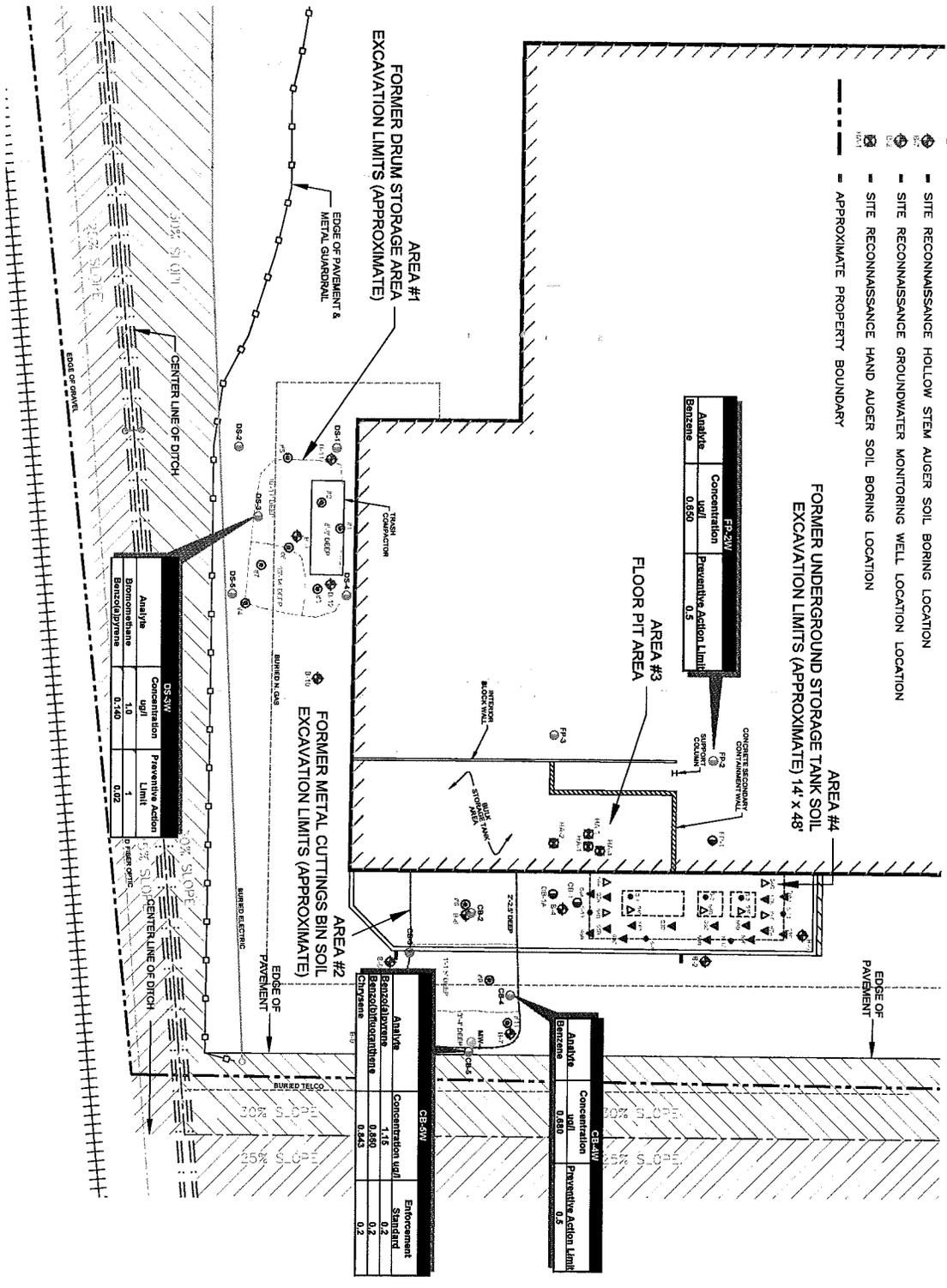
LEGEND

- - GEOPROBE SOIL BORING LOCATION - CRI 2004
- - TEMPORARY MONITORING WELL GROUNDWATER SAMPLING LOCATIONS - CRI 2004
- - PERMANENT GROUNDWATER MONITORING WELL LOCATION - CRI 2005
- - DISCRETE SOIL SAMPLE LOCATION
- △ - EXCAVATION WALL COMPOSITE SOIL SAMPLE LOCATION
- SSA - EXCAVATION FLOOR COMPOSITE SOIL SAMPLE LOCATION
- SSA - REMEDIAL SOIL EXCAVATION SAMPLING LOCATION
- - SITE RECONNAISSANCE HOLLOW STEM AUGER SOIL BORING LOCATION
- - SITE RECONNAISSANCE GROUNDWATER MONITORING WELL LOCATION
- - SITE RECONNAISSANCE HAND AUGER SOIL BORING LOCATION
- - APPROXIMATE PROPERTY BOUNDARY



NORTH

15 SITE INVESTIGATION GROUNDWATER QUALITY STANDARD EXCEEDANCES
SCALE: 1" = 40'



CEMEDINE U.S.A.

SITE INVESTIGATION GROUNDWATER QUALITY STANDARD EXCEEDANCES

7655 S. 6th STREET
OAK CREEK, WI 53154

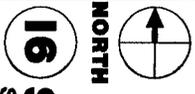
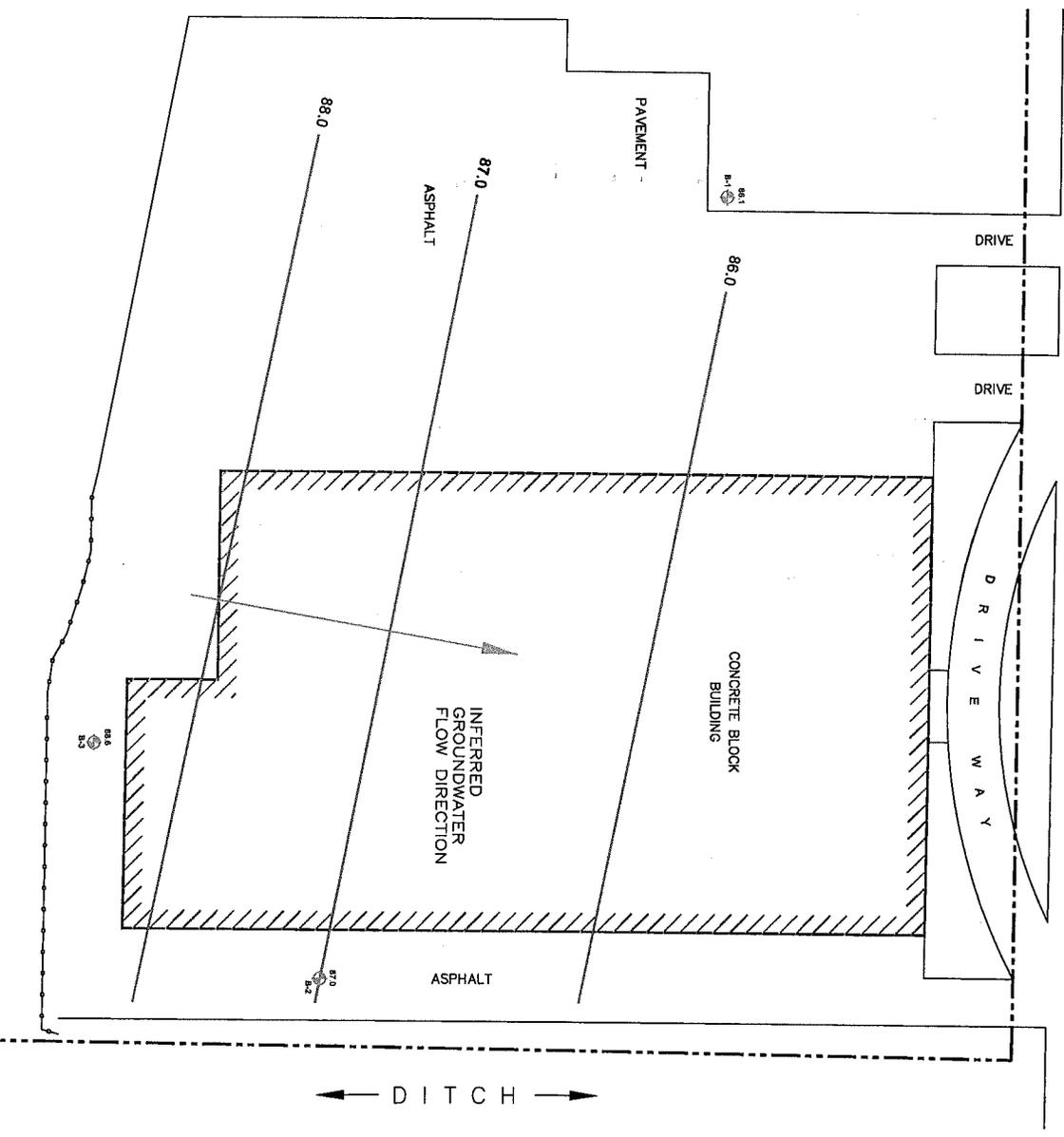
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INCORPORATED
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

Approved By: **S. CRANLEY**
Date Approved: **4/14/05**
Date Drawn: **4/13/05**
Drawn by: **B. MURPHY**

Figure **15**
5 of 15

LEGEND

- ⊕ = SITE RECONNAISSANCE HOLLOW STEM AUGER SOIL BORING COMPLETED AS GROUNDWATER MONITORING WELL
- = INFERRED GROUNDWATER ELEVATION CONTOUR
- = RELATIVE GROUNDWATER ELEVATION MEASURED 1/24/89 (ft)
- - - = APPROXIMATE PROPERTY BOUNDARY



16 SITE RECONNAISSANCE POTENTIOMETRIC SURFACE - 1/24/89
 SCALE: 1" = 40'

Approved By: S. CRANLEY	Figure 16
Date Approved: 4/14/05	
Date Drawn: 4/13/05	6 of 15
Drawn By: B. MURPHY	

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SITE RECONNAISSANCE POTENTIOMETRIC SURFACE - 1/24/89

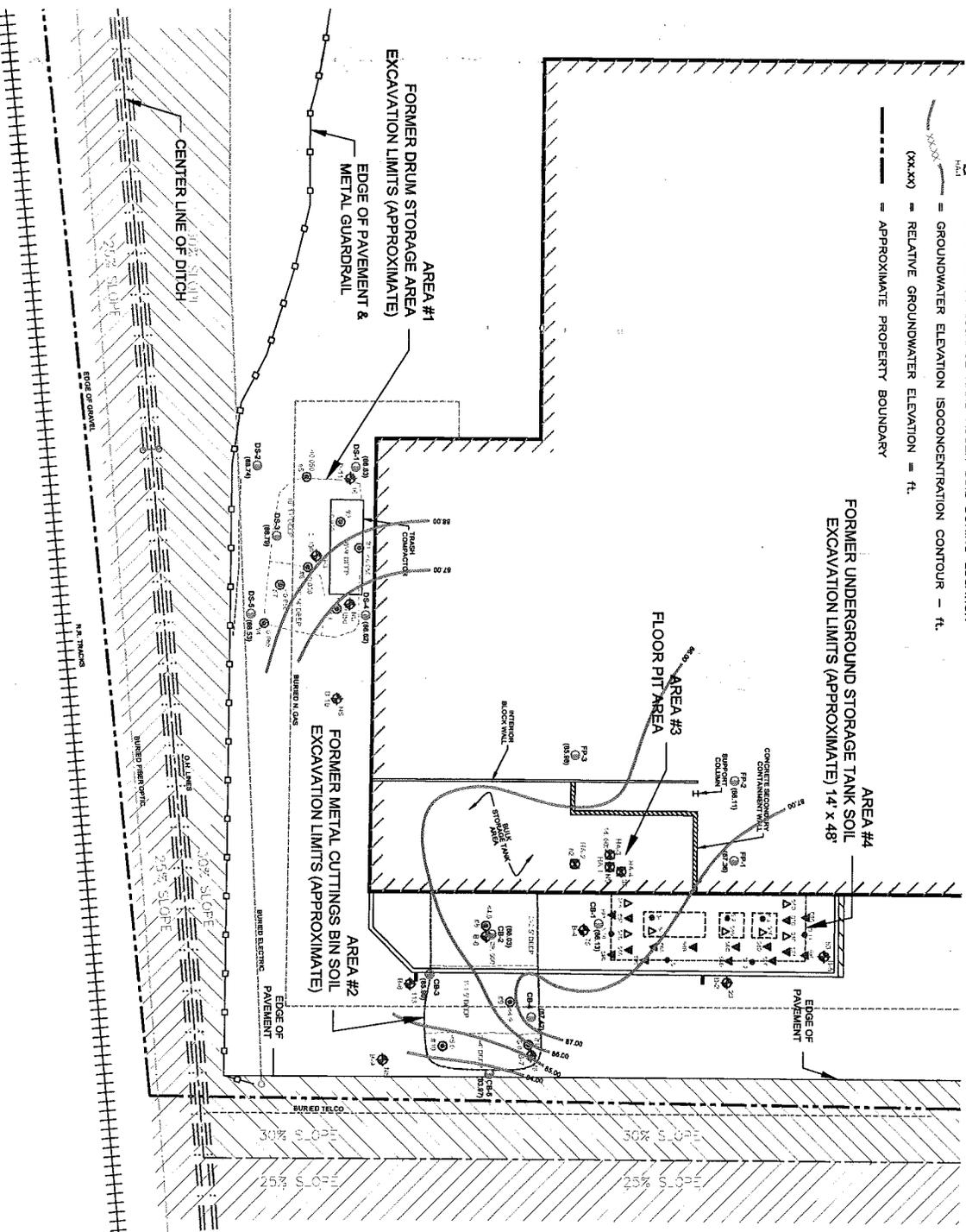
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4515 Washington Road
 Kenosha, WI 53144
 800-965-5323
 engineer@chemreport.com

LEGEND

- = TEMPORARY GROUNDWATER MONITORING WELL LOCATION - CRI 2004
- S-1 ● = DISCRETE SOIL SAMPLE LOCATION
- SSA Δ = EXCAVATION WALL COMPOSITE SOIL SAMPLE LOCATION
- SSA ▽ = EXCAVATION FLOOR COMPOSITE SOIL SAMPLE LOCATION
- #8 ⊙ = REMEDIAL SOIL EXCAVATION SAMPLING LOCATION
- ⊕ = SITE RECONNAISSANCE HOLLOW STEM AUGER SOIL BORING LOCATION
- ⊗ = SITE RECONNAISSANCE HAND AUGER SOIL BORING LOCATION
- ⊖ = GROUNDWATER ELEVATION ISOCONCENTRATION CONTOUR - ft.
- (xx.xx) = RELATIVE GROUNDWATER ELEVATION = ft.
- - - - - APPROXIMATE PROPERTY BOUNDARY



17 **SITE INVESTIGATION POTENTIOMETRIC SURFACE - 12/14/04**
 SCALE: 1" = 40'

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 engineer@chemreport.com

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SITE INVESTIGATION POTENTIOMETRIC SURFACE - 12/14/04
 7655 S. 6th STREET
 OAK CREEK, WI 53154

Approved By: **S. CRANLEY**
 Date Approved: **4/14/05**
 Date Drawn: **4/13/05**
 Drawn by: **B. MURPHY**

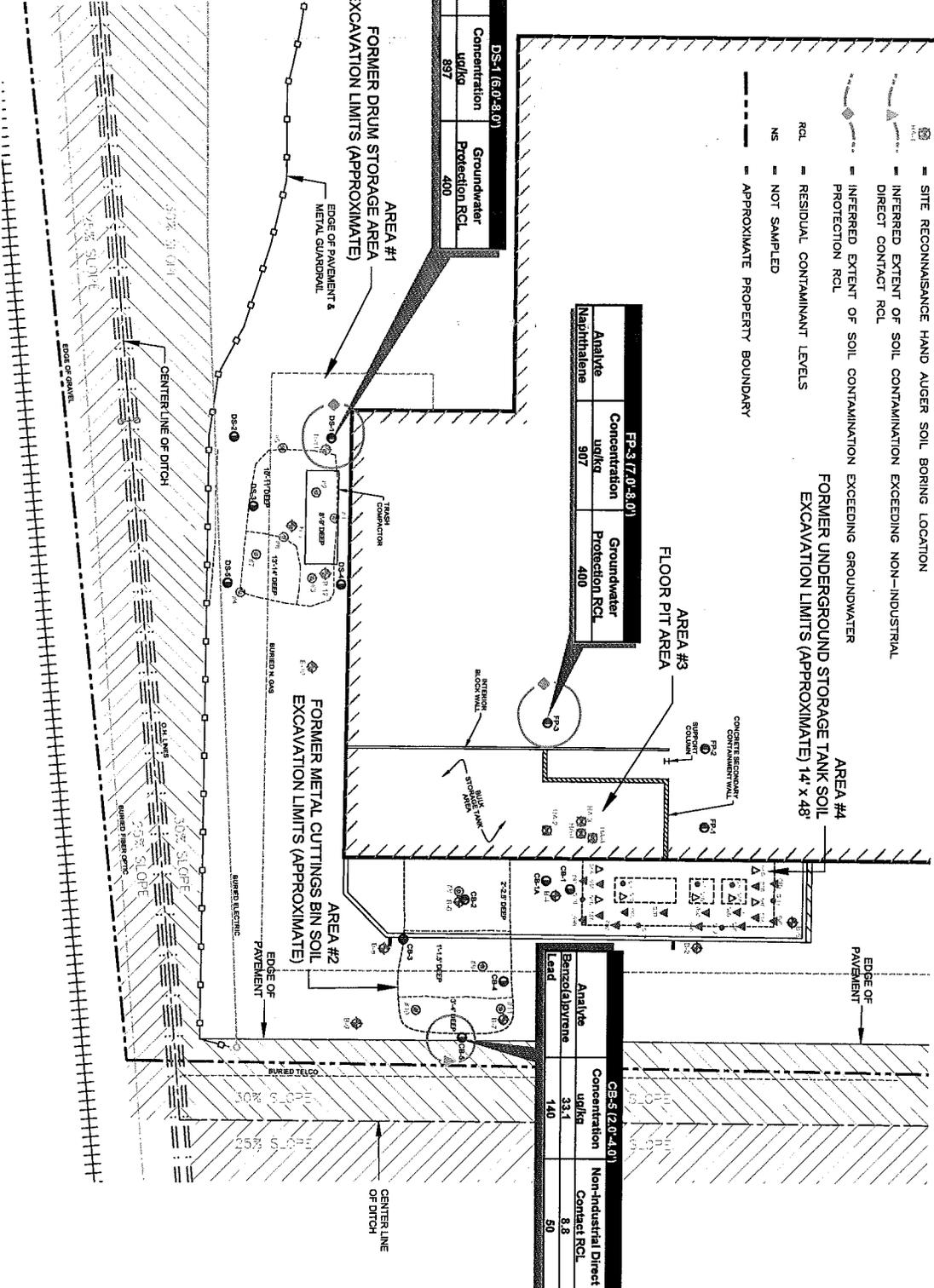
Figure **17** of 15

LEGEND

- ① = GEOPROBE SOIL BORING LOCATION - CRI 2004
- = DISCRETE SOIL SAMPLE LOCATION
- △ = EXCAVATION WALL COMPOSITE SOIL SAMPLE LOCATION
- ▽ = EXCAVATION FLOOR COMPOSITE SOIL SAMPLE LOCATION
- ▲ = REMEDIAL SOIL EXCAVATION SAMPLING LOCATION
- ⊙ = SITE RECONNAISSANCE HOLLOW STEM AUGER SOIL BORING LOCATION
- ⊕ = SITE RECONNAISSANCE GROUNDWATER MONITORING WELL LOCATION
- ⊖ = SITE RECONNAISSANCE HAND AUGER SOIL BORING LOCATION
- ⊗ = INFERRED EXTENT OF SOIL CONTAMINATION EXCEEDING NON-INDUSTRIAL DIRECT CONTACT RCL
- ⊘ = INFERRED EXTENT OF SOIL CONTAMINATION EXCEEDING GROUNDWATER PROTECTION RCL
- ⊙ = RESIDUAL CONTAMINANT LEVELS
- ⊖ = NOT SAMPLED
- = APPROXIMATE PROPERTY BOUNDARY



13 SITE INVESTIGATION SOIL RESIDUAL CONTAMINANT LEVEL EXCEEDANCES
SCALE: 1" = 40'



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SITE INVESTIGATION SOIL RESIDUAL CONTAMINANT LEVEL EXCEEDANCES

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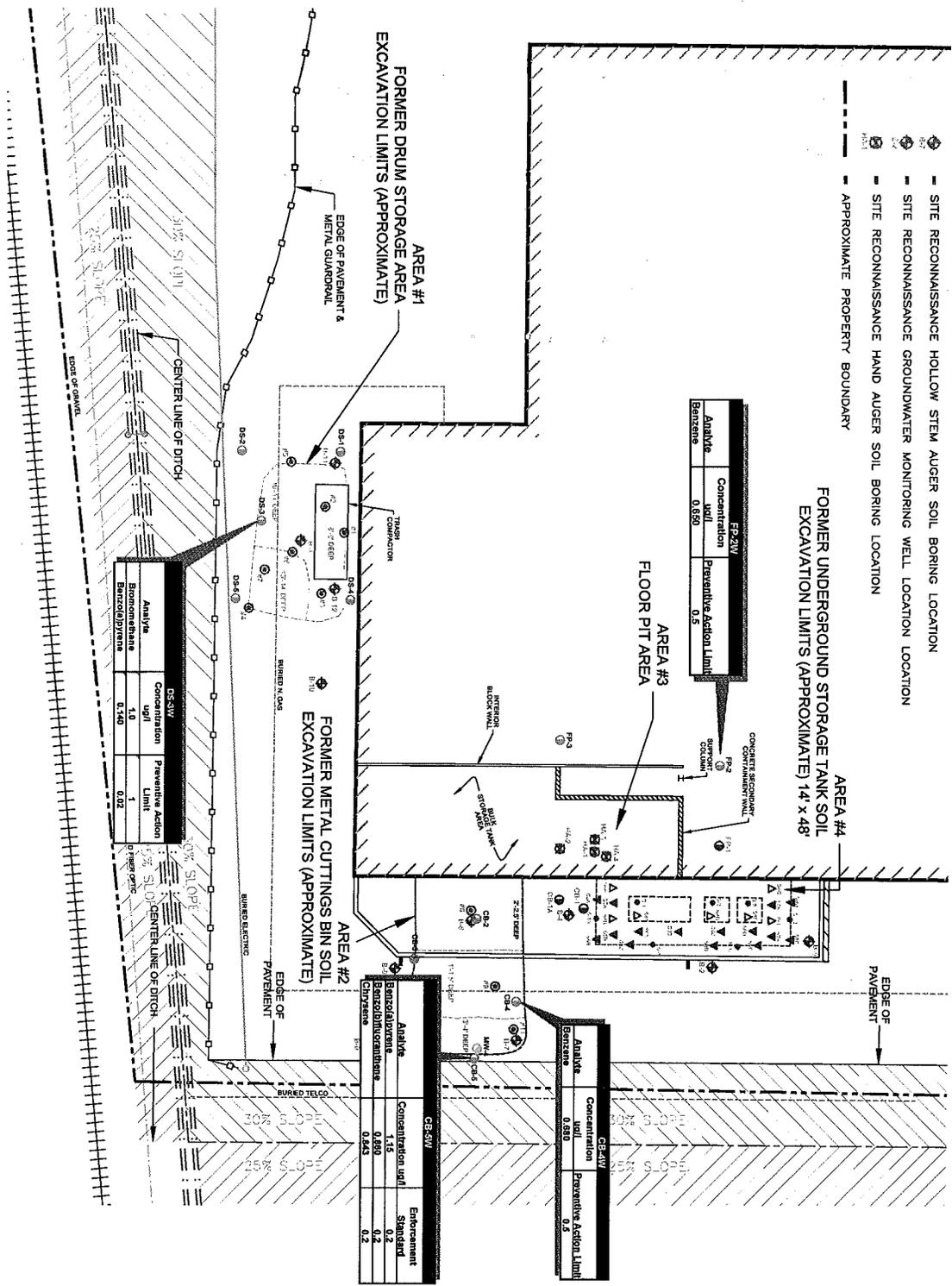
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engineer@chemreport.com

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Date Approved: **4/14/05**
Date Drawn: **4/13/05**
Drawn by: **B. MURPHY**

Figure **13** of 15

LEGEND

- - GEOPROBE SOIL BORING LOCATION - CRI 2004
- - TEMPORARY MONITORING WELL GROUNDWATER SAMPLING LOCATIONS - CRI 2004
- - PERMANENT GROUNDWATER MONITORING WELL LOCATION - CRI 2005
- - DISCRETE SOIL SAMPLE LOCATION
- △ - EXCAVATION WALL COMPOSITE SOIL SAMPLE LOCATION
- △ - EXCAVATION FLOOR COMPOSITE SOIL SAMPLE LOCATION
- △ - REMEDIAL SOIL EXCAVATION SAMPLING LOCATION
- - SITE RECONNAISSANCE HOLLOW STEM AUGER SOIL BORING LOCATION
- - SITE RECONNAISSANCE GROUNDWATER MONITORING WELL LOCATION
- - SITE RECONNAISSANCE HAND AUGER SOIL BORING LOCATION
- - APPROXIMATE PROPERTY BOUNDARY



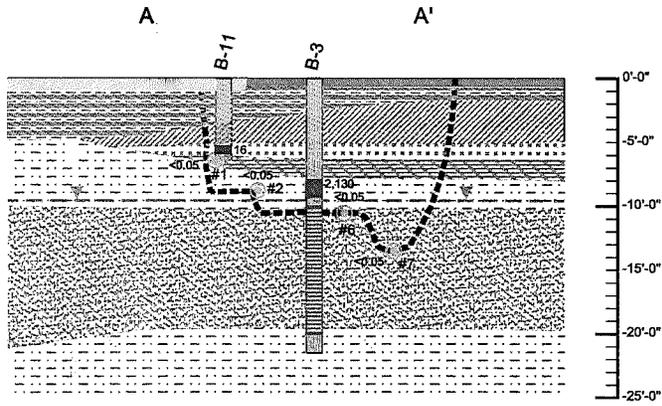
14 SITE INVESTIGATION GROUNDWATER QUALITY STANDARD EXCEEDANCES

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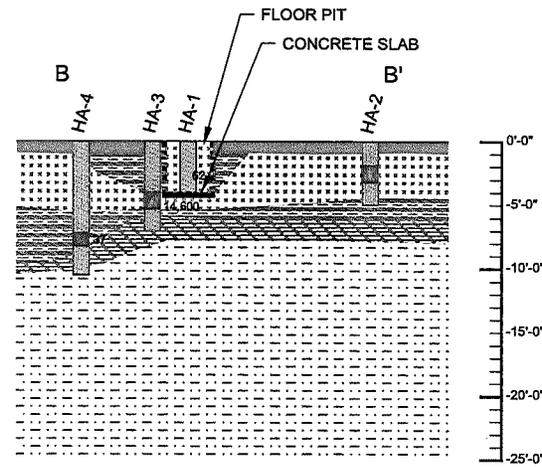
CEMEDINE U.S.A.
 SITE INVESTIGATION GROUNDWATER QUALITY STANDARD EXCEEDANCES
 7655 S. 6th STREET
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 Date Approved: **4/14/05**
 Date Drawn: **4/13/05**
 Drawn by: **B. MURPHY**

Figure **14** of 15



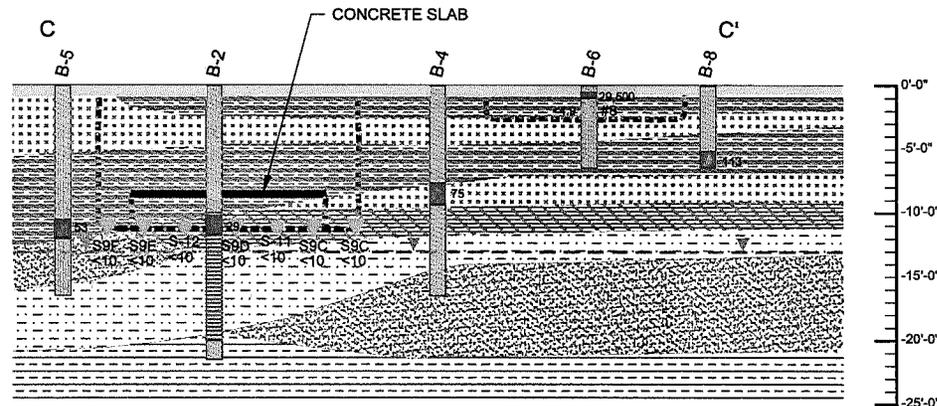
HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'



HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'

LEGEND

- 16 = TOTAL PETROLEUM HYDROCARBON (TPH) IN mg/kg
- S-1 = DISCRETE SOIL SAMPLE LOCATION & DESIGNATION
- S5A = EXCAVATION WALL COMPOSITE SOIL SAMPLE LOCATION AND DESIGNATION
- #9 = REMEDIAL SOIL EXCAVATION SAMPLING LOCATIONS
- [Pattern] = CLAY FILL
- [Pattern] = SILT FILL
- [Pattern] = SAND FILL
- [Pattern] = CLAY TOP SOIL
- [Pattern] = CLAY
- [Pattern] = SILT
- [Pattern] = SAND
- [Pattern] = SOIL SAMPLING INTERVAL
- [Pattern] = LABORATORY SOIL SAMPLE INTERVAL
- [Pattern] = WELL SCREEN INTERVAL
- [Pattern] = CONCRETE SURFACE
- [Pattern] = ASPHALT PAVED SURFACE
- [Pattern] = GRAVEL DRIVE
- [Symbol] = WATER TABLE 1/24/89



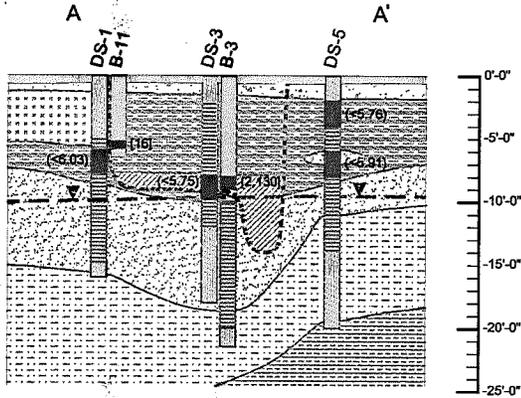
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VERTICAL SCALE = 1" = 15'

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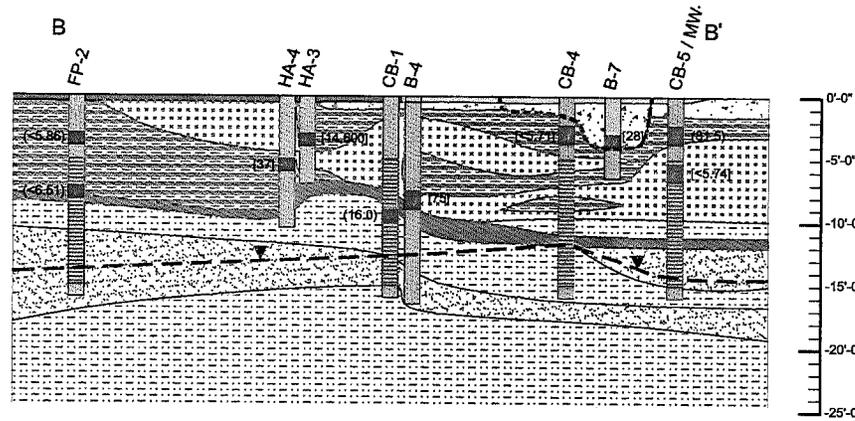
SITE RECONNAISSANCE EXCAVATION SOIL TPH CONCENTRATION CROSS-SECTIONAL PROJECTIONS

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Approved By: S. CRANLEY	Figure
Date Approved: 4/14/05	19
Date Drawn: 4/13/05	9 of 15
Drawn by: B. MURPHY	



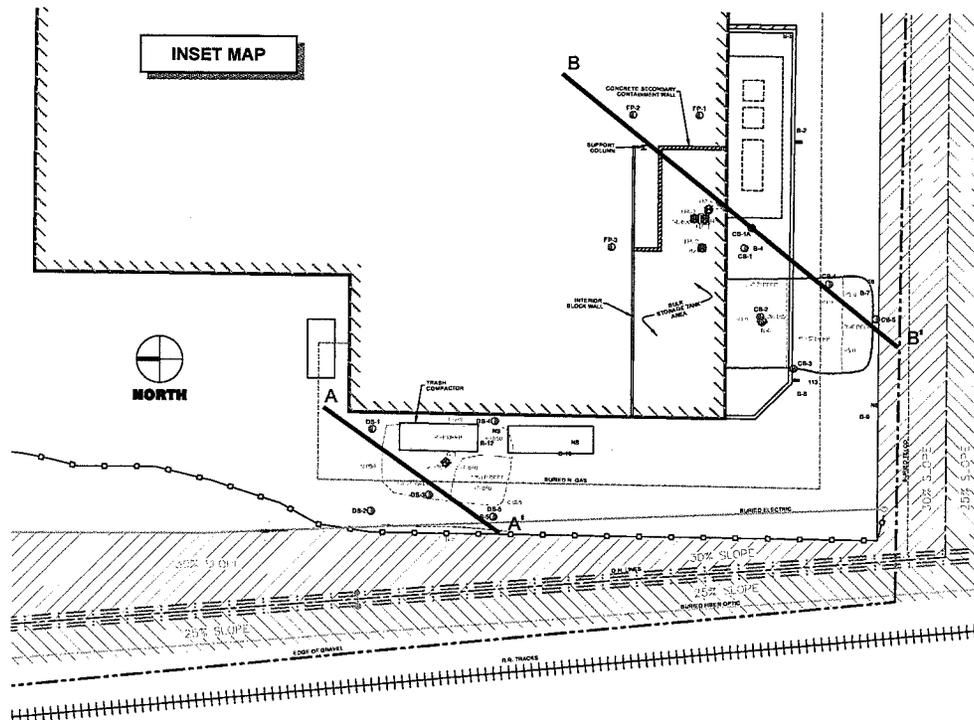
HORIZONTAL SCALE = 1" = 30'
 VERTICAL SCALE = 1" = 15'



HORIZONTAL SCALE = 1" = 30'
 VERTICAL SCALE = 1" = 15'

LEGEND

- = CLAY FILL
- = SILT FILL
- = SAND FILL
- = GRAVEL FILL
- = CLAY TOP SOIL
- = CLAY
- = SILT
- = SAND
- = SOIL SAMPLING INTERVAL
- = LABORATORY SOIL SAMPLE INTERVAL
- = PORTION OF SOIL BORING SUBSEQUENTLY EXCAVATED
- = WELL SCREEN INTERVAL
- = ASPHALT PAVEMENT
- = CONCRETE SURFACE
- = GROUNDWATER ELEVATION
- (X.XX) = DRO CONCENTRATION IN mg/kg
- [X.XX] = TPH CONCENTRATION IN mg/kg
- DRO = DIESEL RANGE ORGANICS
- TPH = TOTAL PETROLEUM HYDROCARBONS



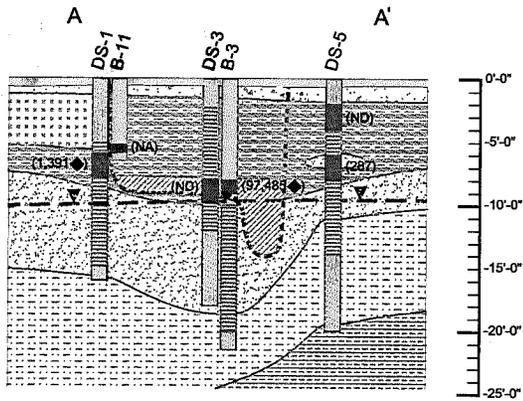
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SITE INVESTIGATION SOIL DRO / TPH CONCENTRATION CROSS-SECTIONAL PROJECTIONS

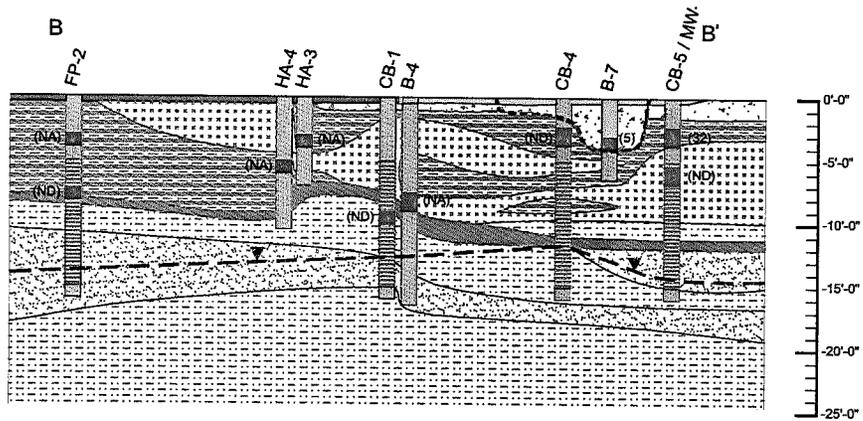
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S. CRANLEY
 Date Approved:
 4/14/05
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 4/13/05
 Drawn by:
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Figure
110
 10 of 15



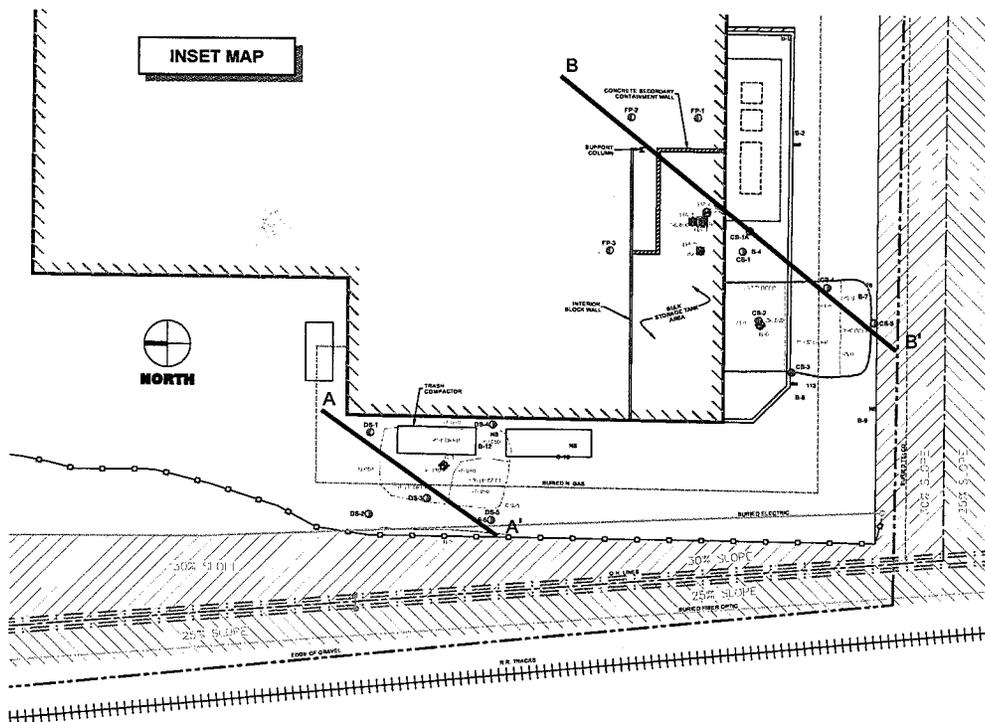
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VERTICAL SCALE = 1" = 15'



HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'

LEGEND

- = CLAY FILL
- = SILT FILL
- = SAND FILL
- = GRAVEL FILL
- = CLAY TOP SOIL
- = CLAY
- = SILT
- = SAND
- = SOIL SAMPLING INTERVAL
- = LABORATORY SOIL SAMPLE INTERVAL
- = PORTION OF SOIL BORING SUBSEQUENTLY EXCAVATED
- = WELL SCREEN INTERVAL
- = ASPHALT PAVEMENT
- = CONCRETE SURFACE
- = GROUNDWATER ELEVATION
- (XX) = TOTAL VOC CONCENTRATION (ROUNDED) IN ug/kg
- ◆ = EXCEEDANCE OF GROUNDWATER PROTECTION RCL
- (NA) = NOT ANALYZED
- (ND) = NO DETECT
- VOC = VOLATILE ORGANIC COMPOUNDS
- RCL = RESIDUAL CONTAMINANT LEVEL



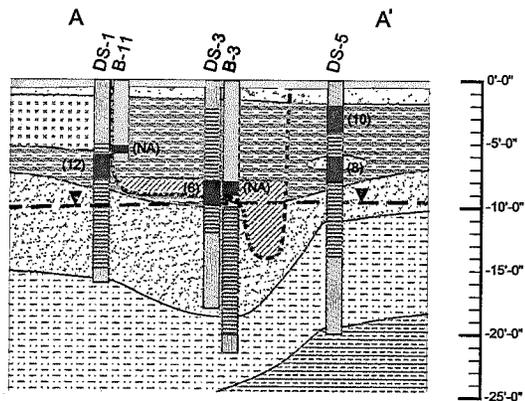
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SITE INVESTIGATION SOIL VOC CONCENTRATION CROSS-SECTIONAL PROJECTIONS
7655 S. 6th STREET
OAK CREEK, WI 53154

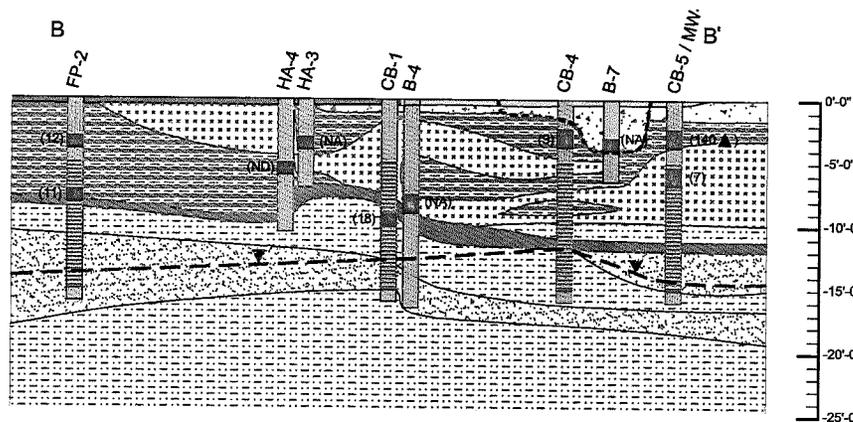
I11 SITE INVESTIGATION SOIL VOC CONCENTRATION CROSS-SECTIONAL PROJECTIONS

SCALE AS SHOWN

Approved By: S. CRANLEY	Figure
Date Approved: 4/14/05	I11
Date Drawn: 4/13/05	11 of 15
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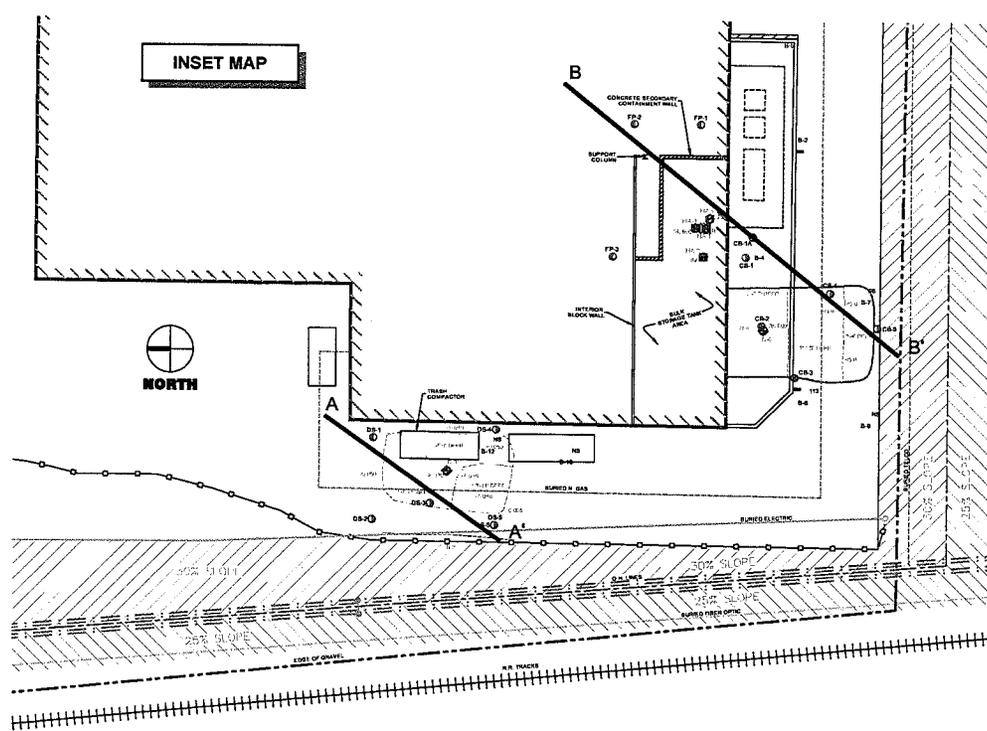
HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'



HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'

LEGEND

- = CLAY FILL
 - = SILT FILL
 - = SAND FILL
 - = GRAVEL FILL
 - = CLAY TOP SOIL
 - = CLAY
 - = SILT
 - = SAND
 - = SOIL SAMPLING INTERVAL
 - = LABORATORY SOIL SAMPLE INTERVAL
 - = PORTION OF SOIL BORING SUBSEQUENTLY EXCAVATED
 - = WELL SCREEN INTERVAL
 - = ASPHALT PAVEMENT
 - = CONCRETE SURFACE
 - = GROUNDWATER ELEVATION
 - (XX) = TOTAL LEAD CONCENTRATION (ROUNDED) IN mg/kg
 - = EXCEEDANCE OF NON-INDUSTRIAL DIRECT CONTACT RCL
 - (NA) = NOT ANALYZED
 - (ND) = NO DETECT
- RCL = RESIDUAL CONTAMINANT LEVEL



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SITE INVESTIGATION SOIL LEAD CONCENTRATION CROSS-SECTIONAL PROJECTIONS

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S. CRANLEY

Date Approved:
4/14/05

Date Drawn:
4/13/05

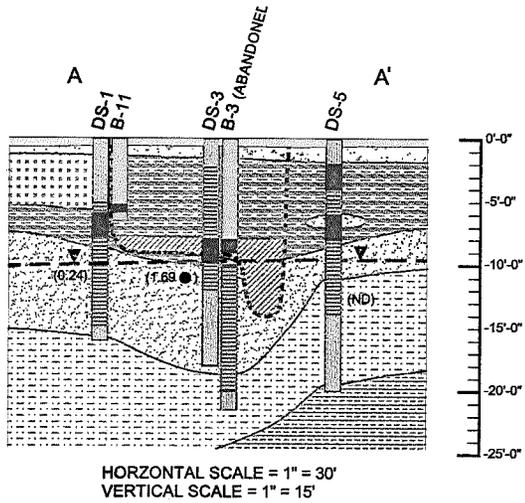
Drawn by:
B. MURPHY

Figure

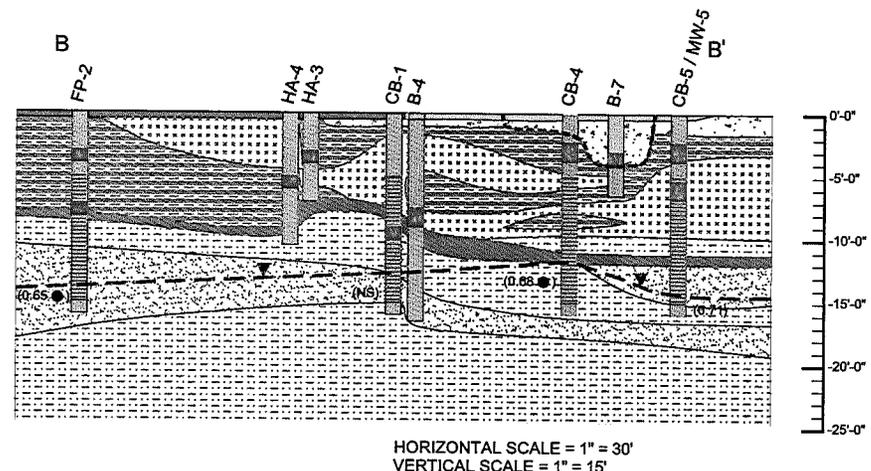
113

13 of 15

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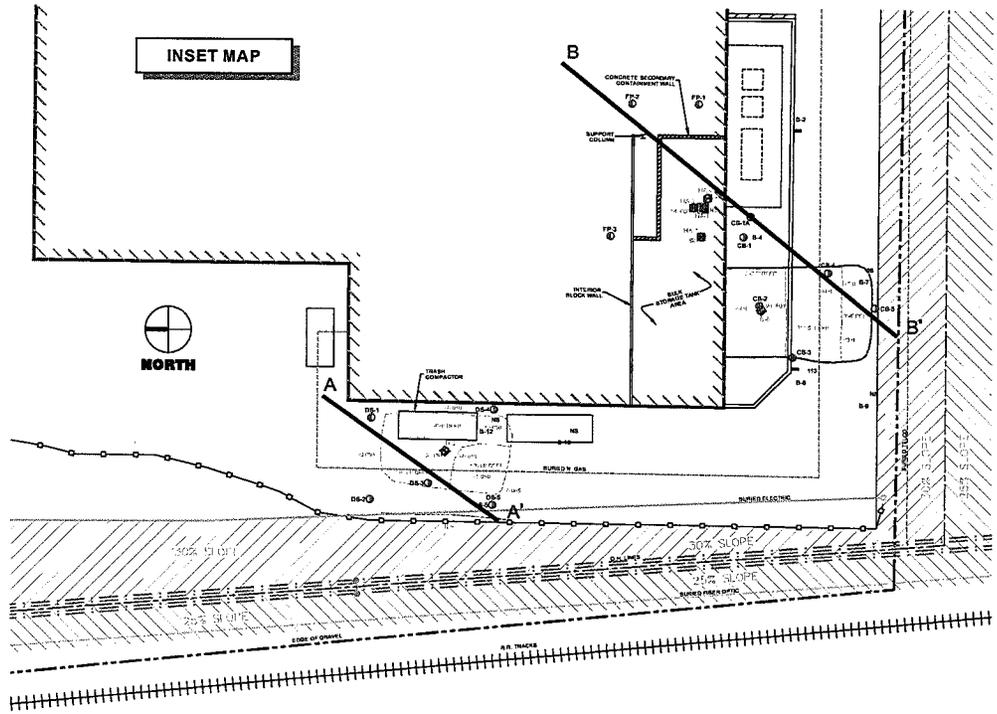
HORIZONTAL SCALE = 1" = 30'
 VERTICAL SCALE = 1" = 15'



HORIZONTAL SCALE = 1" = 30'
 VERTICAL SCALE = 1" = 15'

LEGEND

- = CLAY FILL
- = SILT FILL
- = SAND FILL
- = GRAVEL FILL
- = CLAY TOP SOIL
- = CLAY
- = SILT
- = SAND
- = SOIL SAMPLING INTERVAL
- = LABORATORY SOIL SAMPLE INTERVAL
- = PORTION OF SOIL BORING SUBSEQUENTLY EXCAVATED
- = WELL SCREEN INTERVAL
- = ASPHALT PAVEMENT
- = CONCRETE SURFACE
- = GROUNDWATER ELEVATION
- (XX) = TOTAL VOC CONCENTRATION (ROUNDED) IN ug/l
- = EXCEEDANCE OF PAL
- (NS) = NOT SAMPLED
- (ND) = NO DETECT
- VOC = VOLATILE ORGANIC COMPOUND
- PAL = PREVENTIVE ACTION LIMIT



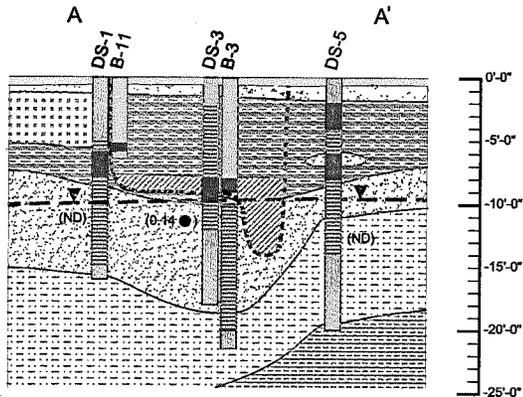
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SITE INVESTIGATION GROUNDWATER VOC CONCENTRATION CROSS-SECTIONAL PROJECTIONS

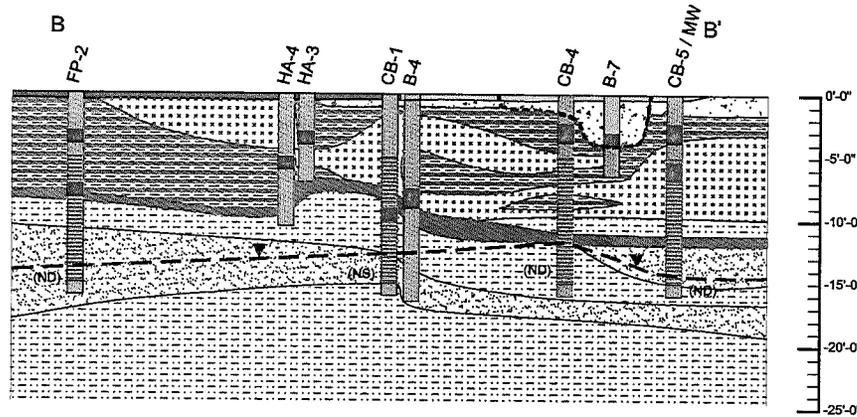
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 OAK CREEK, WI 53154

114 SITE INVESTIGATION GROUNDWATER VOC CONCENTRATION CROSS-SECTIONAL PROJECTIONS
 SCALE AS SHOWN

Approved By: S. CRANLEY	Figure
Date Approved: 4/14/05	114
Date Drawn: 4/13/05	
Drawn by: B. MURPHY	14 of 15



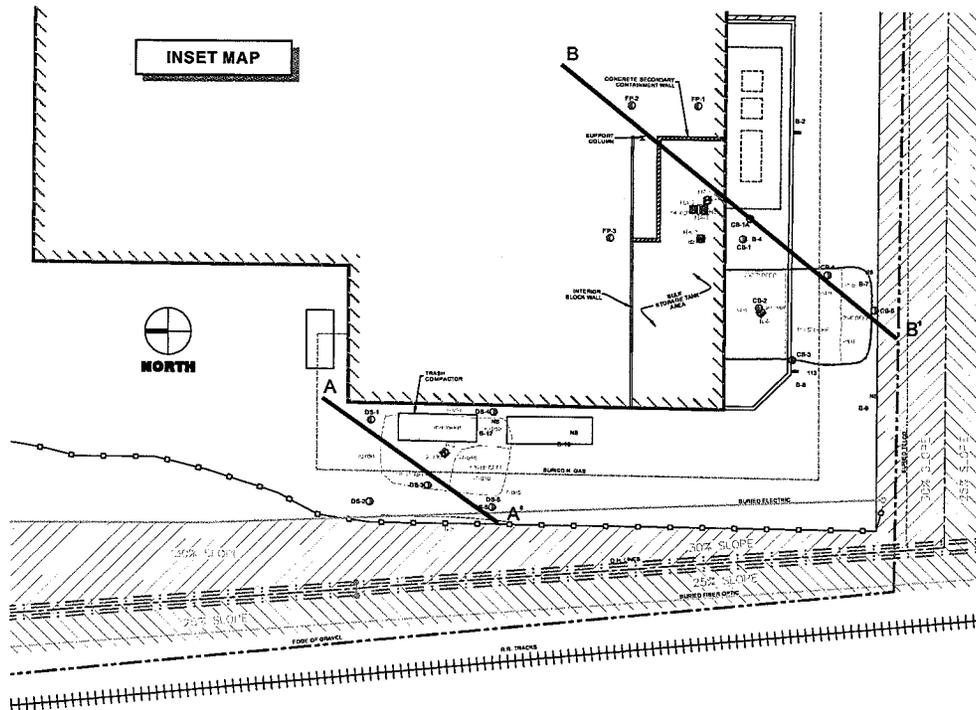
HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'



HORIZONTAL SCALE = 1" = 30'
VERTICAL SCALE = 1" = 15'

LEGEND

- = CLAY FILL
- = SILT FILL
- = SAND FILL
- = GRAVEL FILL
- = CLAY TOP SOIL
- = CLAY
- = SILT
- = SAND
- = SOIL SAMPLING INTERVAL
- = LABORATORY SOIL SAMPLE INTERVAL
- = PORTION OF SOIL BORING SUBSEQUENTLY EXCAVATED
- = WELL SCREEN INTERVAL
- = ASPHALT PAVEMENT
- = CONCRETE SURFACE
- = GROUNDWATER ELEVATION
- (XX) = TOTAL PAH CONCENTRATION (ROUNDED) IN ug/l
- = EXCEEDANCE OF PAL
- (NS) = NOT SAMPLED
- (ND) = NO DETECT
- PAH = POLYNUCLEAR AROMATIC HYDROCARBON
- PAL = PREVENTIVE ACTION LIMIT



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SITE INVESTIGATION GROUNDWATER PAH CONCENTRATION CROSS-SECTIONAL PROJECTIONS
7655 S. 6th STREET
OAK CREEK, WI 53154

115 SITE INVESTIGATION GROUNDWATER PAH CONCENTRATION CROSS-SECTIONAL PROJECTIONS
SCALE AS SHOWN

Approved By: S. CRANLEY	Figure
Date Approved: 4/14/05	115
Date Drawn: 4/13/05	15 of 15
Drawn by: B. MURPHY	



March 5, 2004

Ms. Michelle Williams
Hydrogeologist
Wisconsin Department of Natural Resources
P.O. Box 12436
Milwaukee, WI 53212-0436

Sent Via Certified Mail
No. 7003 1010 0005 0261 7881

Subject: Former Cemedine USA, Inc.
7655 South 6th Street
Oak Creek, Wisconsin 53154
WDNR BRRTS# 02-41-343517
WDNR FID# 241044320
Parcel ID# 7829010

Dear Ms. Williams:

This letter is to certify that to the best of my knowledge, the legal description provided in Appendix A of the Site Evaluation Report & Closure Request, dated January 30, 2004 for the above referenced site, is accurate.

If you have any further questions please contact Sean Cranley of ChemReport, Inc. at (262) 654-7020.

Very truly yours,

HENKEL TECHNOLOGIES

A handwritten signature in black ink that reads "Jack Garavanta".

Jack Garavanta
Director, Regulatory Affairs
and Product Acceptance

cc: Sean Cranley - ChemReport, Inc.