GIS REGISTRY INFORMATION

SITE NAME: Federated Co-ops

BRRTS # 02-49-112804 **FID # (if appropriate):**

COMMERCE #: (if appropriate) 54020-8055-27

CLOSURE DATE: 03/13/06

STREET ADDRESS: 127 Depot Rd

CITY: Osceola

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 307778 Y= 541776

CONTAMINATED MEDIA: Groundwater ☐ Soil ☐ Both ☒

OFF-SOURCE 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 issued ☒

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** (on deed restriction) ☒

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) N/A ☐

Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW) N/A ☐

Copy of (soil or land use) deed restriction(s) or deed notice ***if any required as a condition of closure.*** ☒

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

March 16, 2006

Federated Co-ops, Inc
Attn: Mike Meelberg
502 S Second St
Princeton, MN 55371

SUBJECT: Final Case Closure By Closure Committee with Conditions Met
Federated Co-ops, Inc., 127 Depot Rd, Osceola, WI
WDNR BRRTS Activity #: 02-49-112804
PECFA # 54020-8055-27

Dear Mr. Meelberg:

On March 2, 2006, the Northern Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On March 7, 2006, you were notified that the Closure Committee had granted conditional closure to this case.

On March 13, 2006 the Department received correspondence indicating that you have complied with the requirements of closure. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

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 and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). 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.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims

not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Phil Richard, Park Falls

Mike Hayes
Summit Envirosolutions, Inc
1217 Bandana Blvd N
St Paul, MN 55108

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

March 7, 2006

Federated Co-ops, Inc
Attn: Mike Meelberg
502 South Second St
Princeton, MN 55371

Subject: Conditional Closure Decision With Requirements to Achieve Final Closure
Federated Co-ops, Inc, 127 Depot Rd, Osceola, WI
BRRTS # 02-49-112804
PECFA #54020-8055-27

Dear Mr. Meelberg:

On March 2, 2006, the Northern Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum contamination appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

1. The monitoring wells that will not be used for the investigation of the pesticides at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources. If you choose to leave some of the wells in place, please document that in your cover letter to me when you send the abandonment forms for the wells you take out.

2. As I mentioned to Mike Hayes on the phone, the following items will be needed for the GIS Registry packet to be considered complete:

    a. A new "Osceola Outlot Plat" map should be sent to me at the above address without any type of highlighting or outlining. (As of today, this condition has been completed.)
    b. A new RP Certified Statement should be sent to me that indicates that the source of the contamination at this site is Outlot 60, as described in the deed recorded in Volume 477, Page 02 of the Polk County Register of Deeds records. This is needed because it appears that Federated Co-op owns several parcels in this same area, and only one parcel (Outlot 60) has been restricted.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. 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 site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

The Department of Natural Resources is granting a NR 140, Wis Admin Code, PAL Exemption to Monitoring Well # MW-6 for naphthalene and benzene. This Monitoring Well is located adjacent to your property, and a copy of the exemption letter is attached.

In addition, site investigative wastes were not handled properly at the site. In accordance with Department of Natural Resources rules, any contaminated monitoring well purge water, waste, and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated. In the future, please dispose of site investigative wastes properly and provide proper documentation to the Department.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Phil Richard, Park Falls

Mike Hayes
Summit Envirosolutions, Inc
1217 Bandana Blvd N
St Paul, MN 55108

Mr. Terry Hawkins
1928 250th St
St. Croix Falls, WI 54020

DOCUMENT NO.

432916

STATE BAR OF WISCONSIN FORM 1 — 1982
WARRANTY DEED

477 PAGE 02

THIS SPACE RESERVED FOR RECORDING DATA

Received for record

APR 11 1985

at 10:00 o'clock A.M.
HAROLD MAKI, Register of Deeds
Polk County, Wisc.
Yvonne Anderson Deputy

RETURN TO MAKI & LUDVIGSON, S.C.
P. O. Box 337
Osceola, WI 54020

This Deed, made between Linn Slattengren, George Vitalis, Robert E. Rawlings and Allan O. Maki, Grantor, and Chisago Lakes Co-operative Association, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of one dollar and other good and valuable considerations conveys to Grantee the following described real estate in Polk County, State of Wisconsin:

That part of the West 260 feet of Outlot 160 of the Village of Osceola that lies West of the stream which flows through said Outlot;

Tax Parcel No:

TRANSFER
$ 12.00
FEE

This is not (is) (is not) homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except easements and restrictions of record

and will warrant and defend the same.

Dated this 9th day of April, 19 85

Linn Slattengren (SEAL)
Linn Slattengren

George Vitalis (SEAL)
George Vitalis

Robert R. Rawlings (SEAL)
Robert R. Rawlings

Allan O. Maki (SEAL)
Allan O. Maki

AUTHENTICATION

Signature(s)

authenticated this day of, 19

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

MAKI & LUDVIGSON, S.C., Attorneys at Law
Osceola, Wisconsin 54020

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
POLK County.

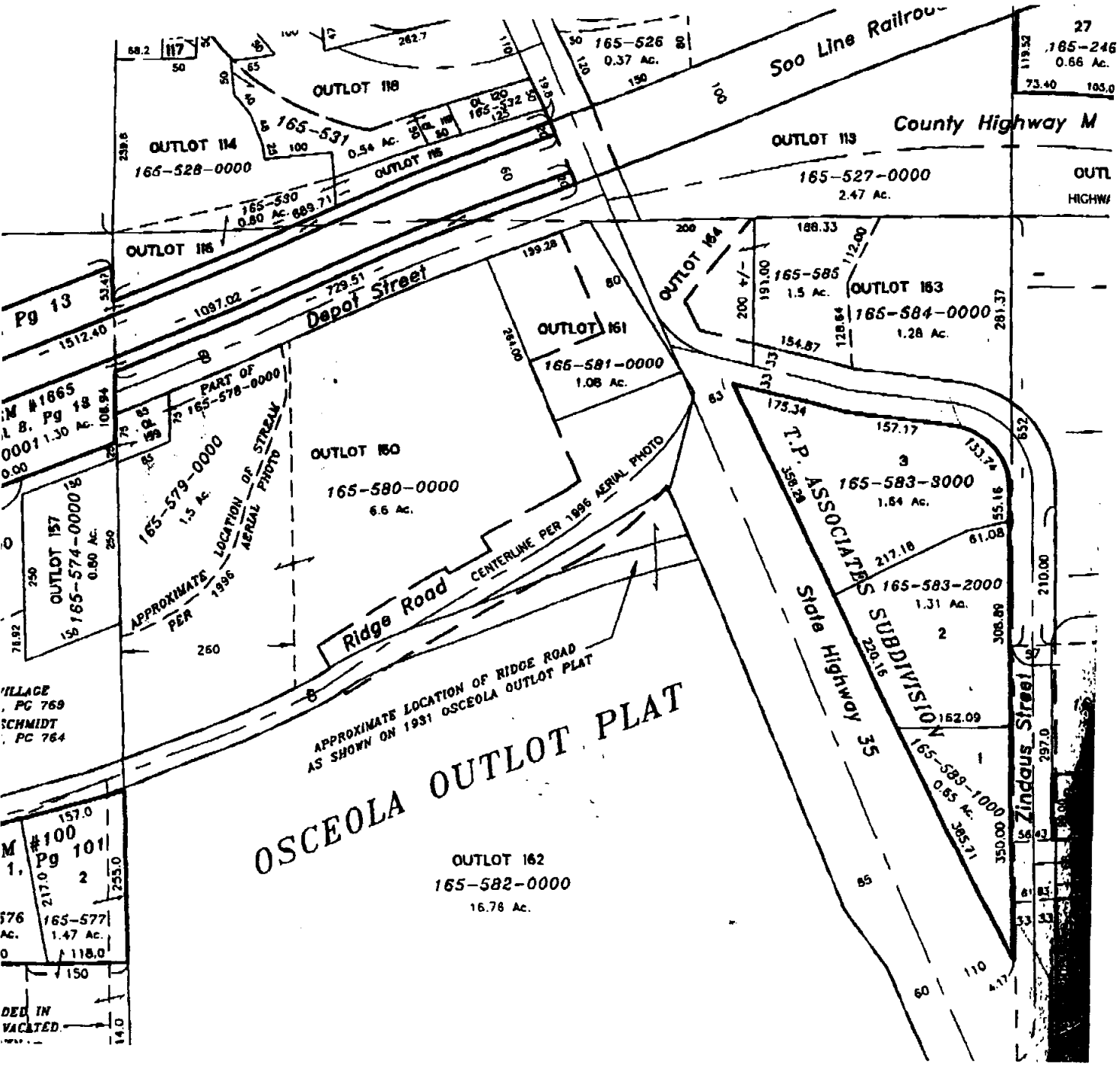
Personally came before me this 9th day of April, 19 85 the above named Linn Slattengren, George Vitalis, Robert R. Rawlings and Allan O. Maki

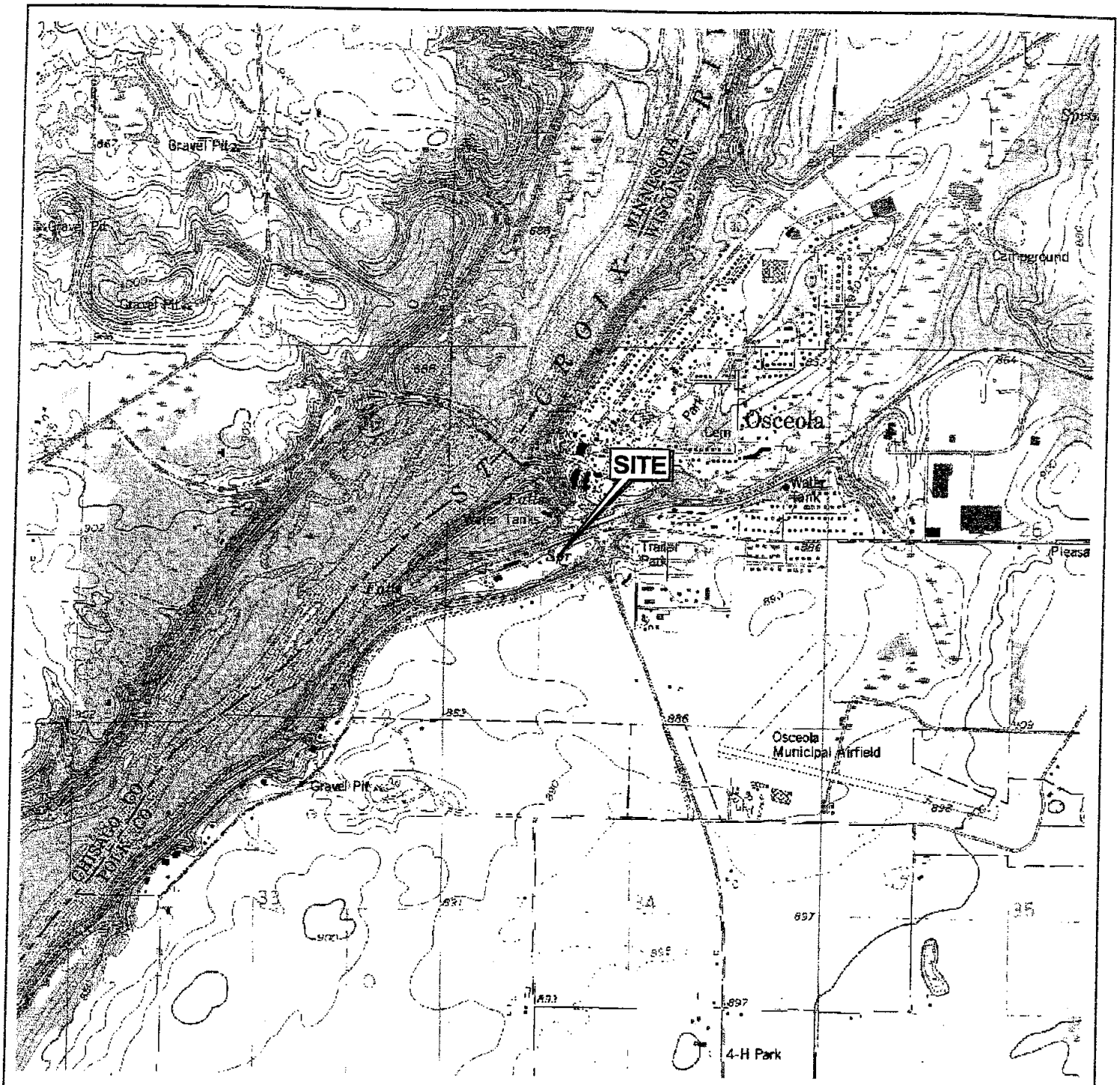
to me known to be the person S who executed the foregoing instrument and acknowledge the same.

Marcella L. Howard
Marcella L. Howard

Notary Public Polk County, Wis.
My Commission is permanent. (If not, state expiration date: May 5, 19 85.)

S 1/2 SEC. 27, T.


Soo Line Railroad
County Highway M
Depot Street
Ridge Road
State Highway 35
Zindaus Street
T.P. ASSOCIATES SUBDIVISION
OSCEOLA OUTLOT PLAT
APPROXIMATE LOCATION OF RIDGE ROAD AS SHOWN ON 1931 OSCEOLA OUTLOT PLAT
CENTERLINE PER 1996 AERIAL PHOTO
APPROXIMATE LOCATION OF STREAM PER 1996 AERIAL PHOTO
OUTLOT 114
166-528-0000
OUTLOT 118
OUTLOT 115
OUTLOT 116
OUTLOT 113
165-527-0000
2.47 Ac.
OUTLOT 164
OUTLOT 163
165-584-0000
1.28 Ac.
165-585
1.5 Ac.
OUTLOT 161
165-581-0000
1.08 Ac.
OUTLOT 160
165-580-0000
6.6 Ac.
165-579-0000
1.5 Ac.
OUTLOT 157
165-574-0000
0.80 Ac.
165-583-3000
1.64 Ac.
165-583-2000
1.31 Ac.
165-589-1000
0.65 Ac.
OUTLOT 162
165-582-0000
16.78 Ac.
165-577
1.47 Ac.
165-526
0.37 Ac.
165-531
0.54 Ac.
165-530
0.80 Ac.
165-532
165-246
0.66 Ac.
PART OF 165-578-0000
Pg 13
Pg 18
Pg 101
PC 769
PC 764



Map adapted from USGS 7.5 minute topographic map(s): Osceola, Wisconsin.

LEGEND

QUADRANGLE LOCATION

N

0 2000 4000 Feet

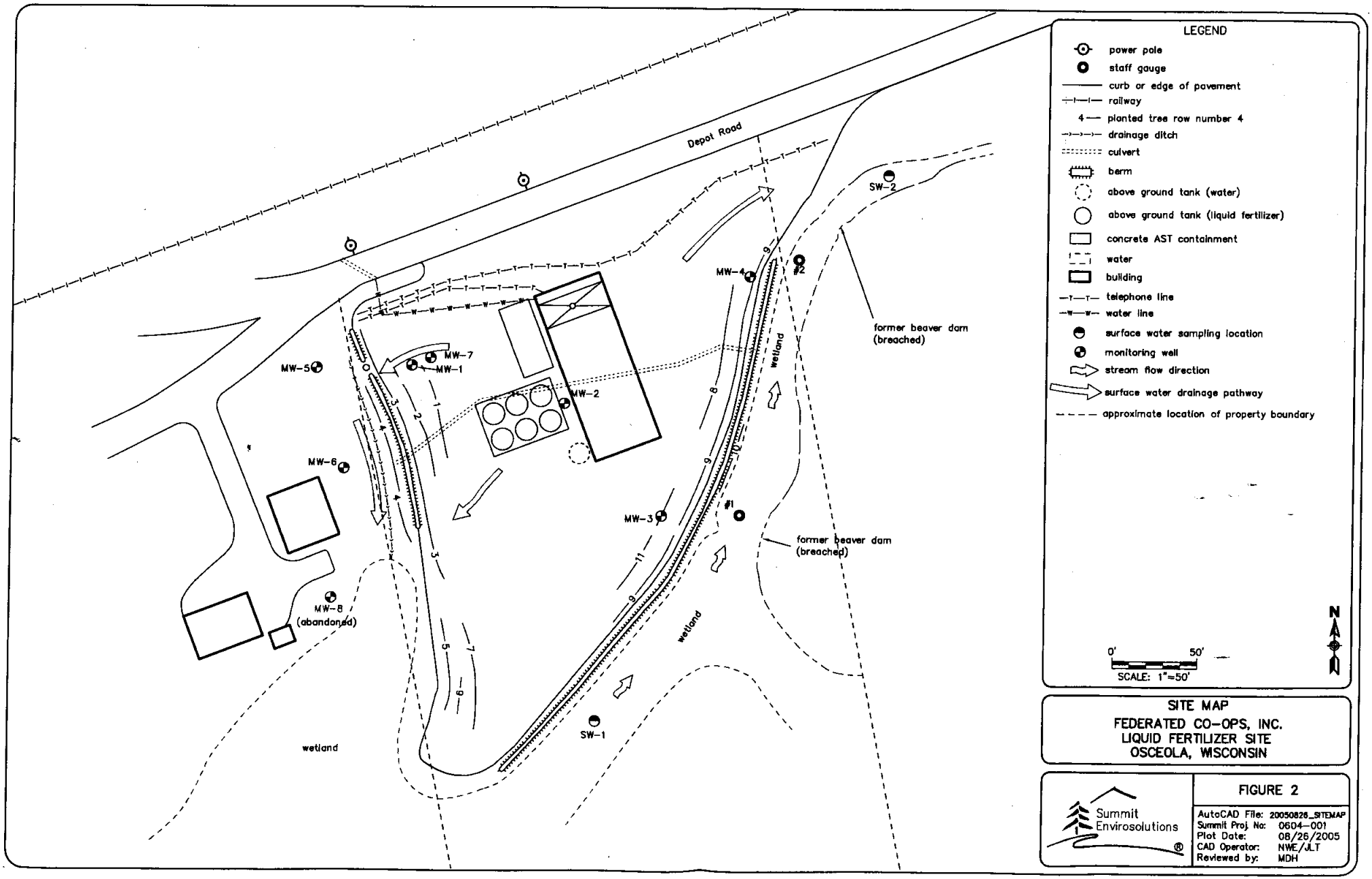
GENERAL SITE LOCATION MAP

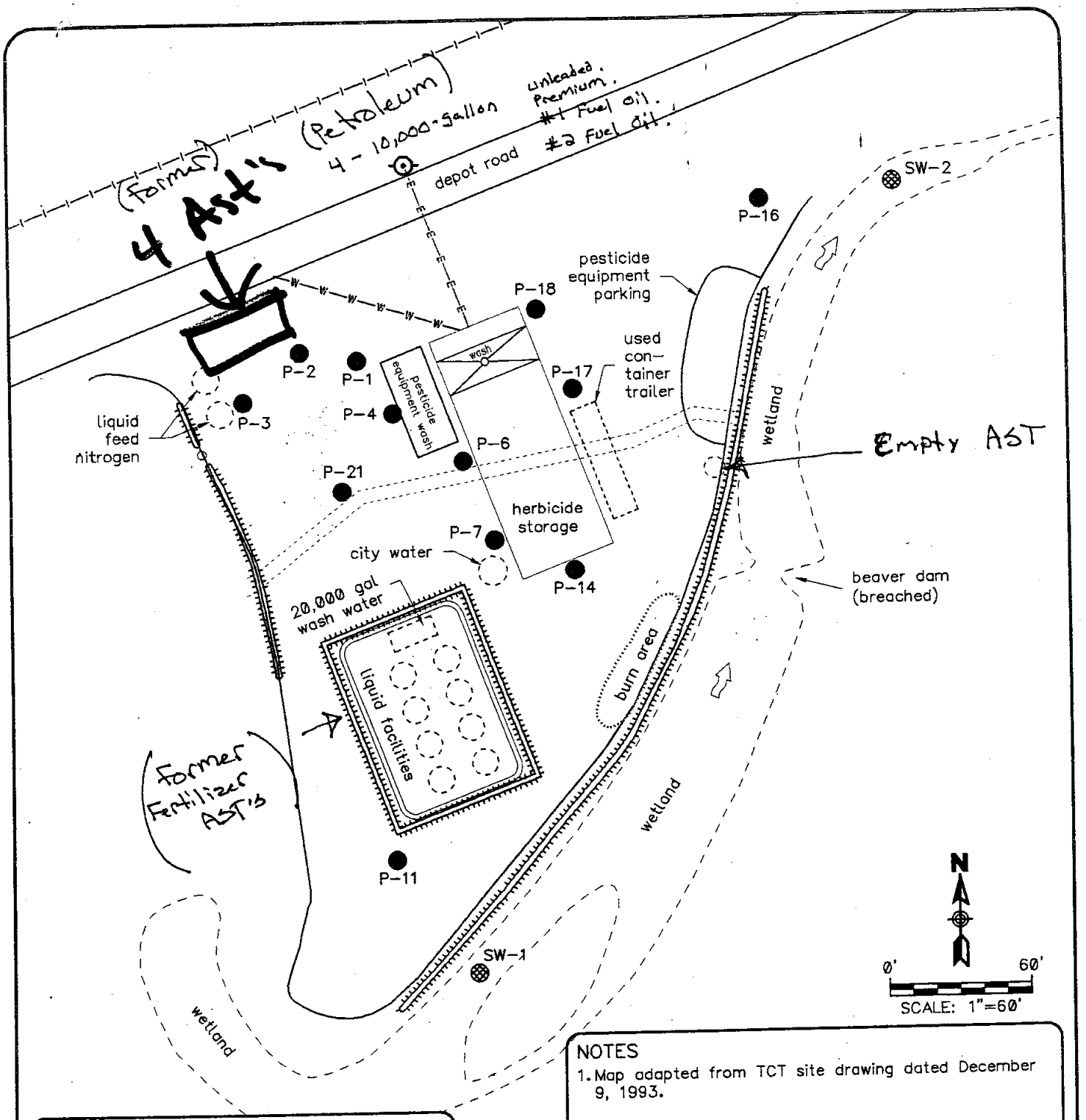
Federated Co-ops, Inc.
Osceola, Wisconsin

Summit Envirosolutions

Figure 1

File: 20040216_fig1.apr
Summit Proj. No.: 0604-001
Plot Date: 02/16/04
Arc Operator: JLT
Reviewed by: MDH


Depot Road
MW-5
MW-7
MW-1
MW-2
MW-6
MW-8
(abandoned)
MW-4
MW-3
#2
#1
SW-2
SW-1
former beaver dam
(breached)
former beaver dam
(breached)
wetland
wetland
wetland
LEGEND
power pole
staff gauge
curb or edge of pavement
railway
planted tree row number 4
drainage ditch
culvert
berm
above ground tank (water)
above ground tank (liquid fertilizer)
concrete AST containment
water
building
telephone line
water line
surface water sampling location
monitoring well
stream flow direction
surface water drainage pathway
approximate location of property boundary
0'
50'
SCALE: 1"=50'
N
SITE MAP
FEDERATED CO-OPS, INC.
LIQUID FERTILIZER SITE
OSCEOLA, WISCONSIN
Summit Envirosolutions
FIGURE 2
AutoCAD File: 20050826_SITEMAP
Summit Proj. No: 0604-001
Plot Date: 08/26/2005
CAD Operator: NWE/JLT
Reviewed by: MDH



NOTES

1. Map adapted from TCT site drawing dated December 9, 1993.

LEGEND

- Geoprobe test probe
- power pole
- surface water sampling location
- electric line
- curb
- railway
- water line
- culvert
- above ground tank
- intermittent drainage
- active surface water flow (6-25-93)
- water
- berm
- building

Summit Envirosolutions

AutoCAD File:	942180L2
Summit Proj. No:	942180
Plot Date:	09-08-1995
CAD Operator:	AN
Reviewed by:	JTH

FIGURE 3

SUMMIT TEST PROBE LOCATION MAP (MARCH 1995)

CENTRAL RIVERS COOPERATIVE

OSCEOLA, WISCONSIN

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-1

Analyte	Sample Collection Date																				ES	PAL
	4/10/1996	1/10/1997	1/10/97 Duplicate	6/24/1997	6/24/97 Duplicate	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004		
GRO	170	7,600	7,000	5,000	5,200	6,400	5,700	9,200	8,100	5,800	4,300	3,600	4,260	5,070	9,600	6,200	4,400	4,800	~	3,000	NE	NE
DRO	6,400	8,800	8,200	7,300	7,650	8,100	6,300	7,600	3,300	6,900	4,300	4,400	3,580	3,800	6,700	5,400	4,300	4,200	4,400	2,900	NE	NE
Dissolved Lead	7	< 5	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	**81**	**130**	**140**	70	73	**88**	**86**	**58**	**75**	**52**	**53**	**24**	<9.4	**44**	**28**	**18**	14	<5.7	13	<11	5	*0.5*
Toluene	**530**	*340*	*320*	*230*	*210*	*260*	*94*	*190*	**970**	**360**	*170*	*100*	*250*	*109*	**450**	*240*	*190*	57	130	35	1,000	*200*
Ethylbenzene	*160*	*140*	*150*	*140*	*160*	120	*140*	50	*200*	*160*	**88**	75	<6.6	101	*220*	*150*	130	100	120	49	700	*140*
Xylenes (total)	**1,200**	**1,100**	**990**	**890**	**970**	**860**	**1,000**	*380*	**1,900**	**1,200**	**890**	**690**	**1,040**	**1,090**	**1,840**	**1,450**	**1,120**	920	*1,080*	396	10,000	*1,000*
1,2,4-Trimethylbenzene	**480**	*410*	*380*	*200*	*200*	*380*	*430*	*130*	**720**	*470*	*370*	*350*	<6.2	**586**	**710**	**520**	*440*	*470*	*440*	*220*	480	*96*
1,3,5-Trimethylbenzene	*210*	*250*	*220*	26	17	*240*	*230*	64	*250*	*270*	*170*	*170*	*163*	*248*	*300*	*220*	*180*	*200*	*170*	*100*	480	*96*
n-Butylbenzene	~	27	34	<4	<4	<0.85	26	5.3	<0.78	29	12	<10	<8.9	<8.9	43	<6.6	32	<6.5	36	~	NE	NE
n-Propylbenzene	~	68	72	57	56	<0.70	63	14	74	70	68	36	<6.1	62	93	61	<6.5	<6.5	<9.6	~	NE	NE
Isopropylbenzene	~	28	29	26	25	28	26	6.9	27	26	29	15	<6.1	22	39	28	22	25	25	~	NE	NE
p-Isopropyltoluene	~	20	20	<4	<4	<0.80	6	4.7	4.3	10	5.3	<10	<6.3	<6.3	7.4	12	11	11	12	~	NE	NE
tert-Butylbenzene	~	< 1.0	< 1.0	<5	<5	<1.2	<1.4	<2.7	<0.54	<2.0	<1.0	<10	<6.5	<6.5	86	<5.9	<6.1	<6.1	<8.6	~	NE	NE
Naphthalene	**240**	**180**	**170**	**1,800**	**200**	**190**	**170**	*38*	**260**	**230**	**120**	**180**	<4.1	**136**	**230**	**180**	**130**	**130**	**110**	**61**	40	*8*
Methyl-tert-butyl ether	< 20	< 1.0	< 1.0	<4	<4	<1.8	<1.6	<3.2	<0.64	<2.2	<1.0	<10	<9.8	<9.8	<5.7	<9.5	<7.6	<7.6	<9	<11	60	*12*
Methyl-isobutyl ketone	~	14	26	<25	<25	<2.3	<1.4	<2.7	<0.54	~	<5.0	<50	~	~	~	~	~	~	~	~	500	*50*
1,2-Dichloroethane	~	*2.7*	*2.8*	<5	<5	*1.8*	<1.2	<2.4	<0.48	<1.1	<1.0	<10	<18	<18	<3.9	<7.6	<7	<7	<11	~	5	*0.5*
Acetone	~	< 5.0	< 5.0	<35	<35	<18	<16	160	61	<34	<20	<200	1,020	<94	~	~	~	~	~	~	1,000	*200*
2-Chlorotoluene	~	< 1.0	< 1.0	<6	<6	<0.90	<1.3	<1.0	<0.20	<2.8	<1.0	<10	<5.6	<5.6	<2.9	<12	<6.1	<6.1	<9.4	~	40	*8*
1,2,3-Trichloropropane	~	< 1.0	< 1.0	<6	<6	<1.2	<3.0	<5.9	<1.2	<5.8	<1.0	<10	<4.7	<4.7	<6.3	<13	<7.7	<7.7	<12	~	NE	NE
Surrogate Recovery	82%	95%	98%	106%	94%	102%	94%	99%	90%	94%	102%	108%	113%	113%	103%	108%	101%	115%	97%	81%	-	-

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-2

Analyte	Sample Collection Date																			
	4/10/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004	ES	PAL
GRO	880	< 50	<50	<50	<50	<50	<50	<50	<100	<100	48	<5.9	23	<9.8	<8.5	15	~	<15	NE	NE
DRO	3,200	430	640	580	260	800	140	200	180	180	105	297	210	410	<100	50	180	51	NE	NE
Dissolved Lead	< 5	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	**15**	*1.5*
Benzene	**130**	*3.7*	<0.9	*1.1*	*1.8*	*2.4*	*4.3*	*1*	*2*	**7.3**	**23**	*3*	**12**	**9.4**	*1.2*	**7.7**	*0.62*	<0.45	**5**	*0.5*
Toluene	7	< 1.0	<1.5	<0.20	<0.94	<0.94	<0.94	<0.32	<1.0	<1.0	0.45	<0.11	0.30	<0.17	<0.14	0.15	<0.21	<0.50	**1,000**	*200*
Ethylbenzene	9	< 1.0	<0.6	<0.12	<0.85	<0.85	<0.85	<0.21	<1.0	<1.0	<0.13	<0.13	<0.16	<0.18	<0.11	<0.11	<0.18	<0.42	**700**	*140*
Xylenes (total)	41	< 1.0	<2.1	<0.41	<1.1	<1.1	<1.1	<0.59	<2.0	<2.0	2.2	<0.3	1.1	0.56	0.24	<0.35	<0.48	<1.36	**10,000**	*1,000*
1,2,4-Trimethylbenzene	53	1.7	<0.8	<0.17	1	0.87	0.33	<0.31	<1.0	<1.0	<0.41	<0.12	<0.12	<0.11	<0.13	<0.13	<0.18	<0.53	**480**	*96*
1,3,5-Trimethylbenzene	25	< 1.0	<1.6	<0.22	0.51	0.54	<0.10	<0.22	<1.0	<1.0	<0.37	<0.11	<0.14	<0.10	<0.14	<0.14	<0.18	<0.46	**480**	*96*
n-Butylbenzene	~	< 1.0	<0.4	<0.17	<0.39	<0.39	<0.39	<0.31	<1.0	<1.0	<0.18	<0.18	<0.14	<0.13	<0.13	<0.13	<0.15	~	NE	NE
n-Propylbenzene	~	< 1.0	<0.9	<0.14	<0.22	<0.22	<0.22	<0.30	<1.0	<1.0	<0.12	<0.12	<0.14	<0.24	<0.13	<0.13	<0.19	~	NE	NE
Isopropylbenzene	~	< 1.0	<1.6	<0.15	<0.29	0.34	<0.29	<0.24	<1.0	<1.0	<0.12	<0.12	<0.13	<0.14	<0.11	<0.11	<0.19	~	NE	NE
p-Isopropyltoluene	~	< 1.0	<1.3	<0.16	<0.30	<0.30	<0.30	<0.22	<1.0	<1.0	<0.13	<0.13	<0.21	<0.14	<0.14	<0.14	<0.18	~	NE	NE
tert-Butylbenzene	~	< 1.0	<1.8	<0.23	<0.27	<0.27	<0.27	<0.20	<1.0	<1.0	<0.13	<0.13	<0.11	<0.12	<0.12	<0.12	<0.17	~	NE	NE
Naphthalene	11	< 1.0	<1.4	0.46	1.2	0.44	0.75	0.93	<1.0	<1.0	0.69	<0.082	0.33	<0.37	<0.18	0.23	<0.24	<0.65	**40**	*8*
Methyl-tert-butyl ether	6.5	< 1.0	<1.4	<0.35	<0.32	<0.32	<0.32	0.22	<1.0	<1.0	<0.20	<0.2	<0.29	<0.19	<0.15	<0.15	<0.18	<0.45	**60**	*12*
Methyl-isobutyl ketone	~	< 5.0	<7.5	<0.46	<0.27	<0.27	<0.27	~	<5.0	<5.0	~	~	~	~	~	~	~	~	**500**	*50*
1,2-Dichloroethane	~	< 1.0	<1.6	<0.18	<0.24	<0.24	<0.24	<0.11	<1.0	<1.0	<1.1	<0.35	<0.20	<0.15	<0.14	0.14	<0.22	~	**5**	*0.5*
Acetone	~	< 5.0	<12.5	<3.5	<3.1	<3.1	13	12	<20	<20	<6.3	<1.9	~	~	~	~	~	~	**1,000**	*200*
2-Chlorotoluene	~	< 1.0	<2.1	<0.18	<0.26	<0.10	<0.10	<0.28	<1.0	<1.0	<0.11	<0.11	<0.14	<0.23	<0.12	<0.12	<0.19	~	**40**	*8*
1,2,3-Trichloropropane	~	< 1.0	<2.0	<0.24	<0.59	<0.59	<0.59	<0.58	<1.0	<1.0	<0.09	<0.094	<0.31	<0.25	<0.15	<0.15	<0.23	~	NE	NE
Surrogate Recovery	90%	97%	102%	102%	94%	99%	82%	88%	102%	98%	104%	113%	112%	98%	101%	111%	97%	101%	-	-

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-3

Analyte	Sample Collection Date																		ES	PAL
	4/10/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004		
GRO	< 50	< 50	<50	<50	<50	<50	<50	<50	<100	<100	<5.9	<5.9	<9.8	<9.8	12	<8.5	~	<15	NE	NE
DRO	~	110	480	300	170	350	<100	190	<100	<100	348	74	100	130	330	170	130	98	NE	NE
Dissolved Lead	~	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	< 1.0	*4*	<0.9	<0.27	*2.4*	0.12	<0.10	<0.12	<1.0	<1.0	<0.19	<0.19	<0.16	0.38	<0.11	*0.79*	<0.18	<0.45	5	*0.5*
Toluene	< 1.0	< 1.0	<1.5	<0.20	<0.94	<0.94	<0.94	<0.32	<1.0	<1.0	<0.11	<0.11	0.39	<0.17	<0.14	<0.14	<0.21	<0.50	1,000	*200*
Ethylbenzene	< 1.0	< 1.0	<0.6	<0.12	<0.85	<0.85	<0.85	<0.21	<1.0	<1.0	<0.13	<0.13	<0.16	<0.18	<0.11	<0.11	<0.18	<0.42	700	*140*
Xylenes (total)	< 1.0	< 1.0	<2.1	<0.41	<1.1	<1.1	<1.1	<0.59	<2.0	<2.0	<0.3	<0.3	<0.34	<0.56	<0.35	<0.35	<0.48	<1.36	10,000	*1,000*
1,2,4-Trimethylbenzene	< 1.0	< 1.0	<0.8	<0.17	<0.29	<0.10	0.77	<0.31	<1.0	<1.0	<0.12	<0.12	<0.12	<0.11	<0.13	<0.13	<0.18	<0.53	480	*96*
1,3,5-Trimethylbenzene	< 1.0	< 1.0	<1.6	<0.22	<0.27	<0.10	<0.10	<0.22	<1.0	<1.0	<0.11	<0.11	<0.14	<0.10	<0.14	<0.14	<0.18	<0.46	480	*96*
n-Butylbenzene	~	< 1.0	<0.4	<0.17	<0.39	<0.39	<0.39	<0.31	<1.0	<1.0	<0.18	<0.18	<0.14	<0.13	<0.13	<0.13	<0.15	~	NE	NE
n-Propylbenzene	~	< 1.0	<0.9	<0.14	<0.22	<0.22	<0.22	<0.30	<1.0	<1.0	<0.12	<0.12	<0.14	<0.24	<0.13	<0.13	<0.19	~	NE	NE
Isopropylbenzene	~	< 1.0	<1.6	<0.15	<0.29	<0.29	<0.29	<0.24	<1.0	<1.0	<0.12	<0.12	<0.13	<0.14	<0.11	<0.11	<0.19	~	NE	NE
p-Isopropyltoluene	~	< 1.0	<1.3	<0.16	<0.30	<0.30	<0.30	<0.22	<1.0	<1.0	<0.13	<0.13	<0.21	<0.14	<0.14	<0.14	<0.18	~	NE	NE
tert-Butylbenzene	~	< 1.0	<1.8	<0.23	<0.27	<0.27	<0.27	<0.20	<1.0	<1.0	<0.13	<0.13	<0.11	<0.12	<0.12	<0.12	<0.17	~	NE	NE
Naphthalene	~	< 1.0	<1.4	<0.29	<0.79	<0.10	<0.10	<0.19	<1.0	<1.0	<0.08	<0.082	0.91	<0.37	<0.18	<0.18	<0.24	<0.65	40	*8*
Methyl-tert-butyl ether	< 1.0	< 1.0	<1.4	<0.35	<0.32	<0.32	<0.32	<0.22	<1.0	<1.0	<0.20	<0.2	<0.29	<0.19	<0.15	<0.15	<0.18	<0.45	60	*12*
Methyl-isobutyl ketone	~	< 5.0	<7.5	<0.46	<0.27	<0.27	<0.27	~	<5.0	<5.0	~	~	~	~	~	~	~	~	500	*50*
1,2-Dichloroethane	~	< 1.0	<1.6	0.27	<0.24	<0.24	<0.24	0.39	<1.0	<1.0	<0.35	<0.35	0.20	0.28	0.33	*0.95*	*0.70*	~	5	*0.5*
Acetone	~	< 5.0	<12.5	<3.5	<3.1	14	<9.9	30	<20	59	19	<1.9	~	~	~	~	~	~	1,000	*200*
2-Chlorotoluene	~	< 1.0	<2.1	<0.18	<0.26	<0.10	<0.10	<0.28	<1.0	<1.0	<0.11	<0.11	<0.14	<0.23	<0.12	<0.12	<0.19	~	40	*8*
1,2,3-Trichloropropane	~	< 1.0	<2.0	<0.24	<0.59	<0.59	<0.59	<0.58	<1.0	<1.0	<0.09	<0.094	<0.31	<0.25	<0.15	<0.15	<0.23	~	NE	NE
Surrogate Recovery	96%	97%	100%	104%	94%	87%	104%	86%	104%	104%	105%	115%	106%	105%	95%	106%	95%	87%		

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-4

Analyte	Sample Collection Date																		ES	PAL
	4/10/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004		
GRO	~	< 50	<50	<50	<50	<50	<50	<50	<100	<100	<5.9	<5.9	<9.8	10	<8.5	<8.5	~	<15	NE	NE
DRO	~	850	892	720	710	670	140	120	270	220	320	321	210	180	300	16,000	350	140	NE	NE
Dissolved Lead	~	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	*2.8*	*2.8*	<0.9	0.34	*3.8*	<0.10	<0.10	<0.12	<1.0	<1.0	<0.63	<0.19	<0.16	<0.12	0.4	<0.11	0.31	<0.45	5	*0.5*
Toluene	1.7	< 1.0	<1.5	<0.20	<0.94	<0.94	<0.94	<0.32	<1.0	<1.0	<0.11	<0.11	<0.13	<0.17	<0.14	<0.14	<0.21	<0.50	1,000	*200*
Ethylbenzene	< 1.0	< 1.0	<0.6	<0.12	<0.85	<0.85	<0.85	<0.21	<1.0	<1.0	<0.13	<0.13	<0.16	<0.18	<0.11	<0.11	<0.18	<0.42	700	*140*
Xylenes (total)	2.2	< 1.0	<2.1	<0.41	<1.1	<1.1	<1.1	<0.59	<2.0	<2.0	<0.3	<0.3	<0.34	<0.56	<0.35	<0.35	<0.48	<1.36	10,000	*1,000*
1,2,4-Trimethylbenzene	< 1.0	< 1.0	<0.8	<0.17	<0.29	<0.10	0.35	<0.31	<1.0	<1.0	<0.12	<0.12	<0.12	<0.11	<0.13	<0.13	<0.18	<0.53	480	*96*
1,3,5-Trimethylbenzene	< 1.0	< 1.0	<1.6	<0.22	<0.27	<0.10	<0.10	<0.22	<1.0	<1.0	<0.11	<0.11	<0.14	<0.10	<0.14	<0.14	<0.18	<0.46	480	*96*
n-Butylbenzene	~	< 1.0	<0.4	<0.17	<0.039	<0.39	<0.39	<0.31	<1.0	<1.0	<0.18	<0.18	<0.14	<0.13	<0.13	<0.13	<0.15	~	NE	NE
n-Propylbenzene	~	< 1.0	<0.9	<0.14	<0.22	<0.22	<0.22	<0.30	<1.0	<1.0	<0.12	<0.12	<0.14	<0.24	<0.13	<0.13	<0.19	~	NE	NE
Isopropylbenzene	~	< 1.0	<1.6	<0.15	<0.29	<0.29	<0.29	<0.24	<1.0	<1.0	<0.12	<0.12	<0.13	<0.14	<0.11	<0.11	<0.19	~	NE	NE
p-Isopropyltoluene	~	< 1.0	<1.3	<0.16	<0.30	<0.30	<0.30	<0.22	<1.0	<1.0	<0.13	<0.13	<0.21	<0.14	<0.14	<0.14	<0.18	~	NE	NE
tert-Butylbenzene	~	< 1.0	<1.8	<0.23	<0.27	<0.27	<0.27	<0.20	<1.0	<1.0	<0.13	<0.13	<0.11	<0.12	<0.12	<0.12	<0.17	~	NE	NE
Naphthalene	~	< 1.0	<1.4	<0.29	<0.79	<0.10	<0.10	<0.19	<1.0	<1.0	<0.08	<0.082	<0.29	<0.37	<0.18	<0.18	<0.24	<0.65	40	*8*
Methyl-tert-butyl ether	< 1.0	< 1.0	<1.4	<0.35	<0.32	<0.32	<0.32	<0.22	<1.0	<1.0	<0.20	<0.2	<0.29	<0.19	<0.15	<0.15	<0.18	<0.45	60	*12*
Methyl-isobutyl ketone	~	< 5.0	<7.5	<0.46	<0.27	<0.27	<0.27	~	<5.0	<5.0	~	~	~	~	~	~	~	~	500	*50*
1,2-Dichloroethane	~	< 1.0	<1.6	0.48	<0.24	<0.24	<0.24	0.42	<1.0	<1.0	<0.19	<0.35	0.48	0.36	<0.14	0.16	<0.22	~	5	*0.5*
Acetone	~	< 5.0	<12.5	<3.5	<3.1	<3.1	<9.9	<3.4	<20	<20	<6.3	<1.9	~	~	~	~	~	~	1,000	*200*
2-Chlorotoluene	~	< 1.0	<2.1	<0.18	<0.26	<0.10	<0.10	<0.28	<1.0	<1.0	<0.11	<0.11	<0.14	<0.23	<0.12	<0.12	<0.19	~	40	*8*
1,2,3-Trichloropropane	~	< 1.0	<2.0	<0.24	<0.59	<0.59	<0.59	<0.58	<1.0	<1.0	<0.09	<0.094	<0.31	<0.25	<0.15	<0.15	<0.23	~	NE	NE
Surrogate Recovery	90%	97%	102%	102%	96%	99%	88%	88%	98%	105%	103%	114%	111%	101%	101%	101%	92%	97%		

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-5

Analyte	Sample Collection Date																		ES	PAL
	6/21/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004		
GRO	<50	<50	<50	<50	<50	<50	<50	<50	<100	<100	<5.9	<5.9	<9.8	<9.8	<8.5	<8.5	~	<15	NE	NE
DRO	570	770	1,490	690	820	330	410	390	240	100	348	350	24	240	190	180	120	83	NE	NE
Dissolved Lead	< 5	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	< 1.0	< 1.0	<0.9	<0.27	<0.29	<0.10	<0.10	<0.12	<1.0	<1.0	<0.19	<0.19	<0.16	0.32	<0.11	<0.11	<0.18	<0.45	5	*0.5*
Toluene	< 1.0	< 1.0	<1.5	<0.20	<0.94	<0.94	<0.94	<0.32	<1.0	<1.0	<0.11	<0.11	<0.13	<0.17	<0.14	<0.14	<0.21	<0.50	1,000	*200*
Ethylbenzene	< 1.0	< 1.0	<0.6	<0.12	<0.85	<0.85	<0.85	<0.21	<1.0	<1.0	<0.13	<0.13	<0.15	<0.18	<0.11	<0.11	<0.18	<0.42	700	*140*
Xylenes (total)	< 1.0	< 1.0	<2.1	<0.41	<1.1	1.3	<1.1	<0.59	<2.0	<2.0	<0.3	<0.3	<0.34	<0.56	<0.35	<0.35	<0.48	<1.36	10,000	*1,000*
1,2,4-Trimethylbenzene	< 1.0	< 1.0	<0.8	<0.17	<0.29	<0.10	<0.10	<0.31	<1.0	<1.0	<0.12	<0.12	<0.12	<0.11	<0.13	<0.13	<0.18	<0.53	480	*96*
1,3,5-Trimethylbenzene	< 1.0	< 1.0	<1.6	<0.22	<0.27	<0.10	<0.10	<0.22	<1.0	<1.0	<0.11	<0.11	<0.14	<0.10	<0.14	<0.14	<0.18	<0.46	480	*96*
n-Butylbenzene	< 1.0	< 1.0	<0.4	<0.17	<0.39	<0.39	<0.39	<0.31	<1.0	<1.0	<0.18	<0.18	<0.14	<0.13	<0.13	<0.13	<0.15	~	NE	NE
n-Propylbenzene	< 1.0	< 1.0	<0.9	<0.14	<0.22	<0.22	<0.22	<0.30	<1.0	<1.0	<0.12	<0.12	<0.14	<0.24	<0.13	<0.13	<0.19	~	NE	NE
Isopropylbenzene	< 1.0	< 1.0	<1.6	<0.15	<0.29	<0.29	<0.29	<0.24	<1.0	<1.0	<0.12	<0.12	<0.13	<0.14	<0.11	<0.11	<0.19	~	NE	NE
p-Isopropyltoluene	< 1.0	< 1.0	<1.3	<0.16	<0.30	<0.30	<0.30	<0.22	<1.0	<1.0	<0.13	<0.13	<0.21	<0.14	<0.14	<0.14	<0.18	~	NE	NE
tert-Butylbenzene	< 1.0	< 1.0	<1.8	<0.23	<0.27	<0.27	<0.27	<0.20	<1.0	<1.0	<0.13	<0.13	<0.11	<0.12	<0.12	<0.12	<0.17	~	NE	NE
Naphthalene	< 1.0	< 1.0	<1.4	<0.29	<0.79	<0.10	0.82	<0.19	<1.0	<1.0	<0.08	<0.082	<0.29	<0.37	<0.18	<0.18	<0.24	<0.65	40	*8*
Methyl-tert-butyl ether	< 1.0	< 1.0	<1.4	<0.35	<0.32	<0.32	<0.32	<0.22	<1.0	<1.0	<0.20	<0.2	<0.29	<0.19	<0.15	<0.15	<0.18	<0.45	60	*12*
Methyl-isobutyl ketone	< 5.0	< 5.0	<7.5	<0.46	<0.27	<0.27	<0.27	~	<5.0	<5.0	~	~	~	~	~	~	~	~	500	*50*
1,2-Dichloroethane	< 1.0	< 1.0	<1.6	<0.18	<0.24	<0.24	<0.24	<0.11	<1.0	<1.0	<0.35	<0.35	<0.20	<0.15	<0.14	<0.14	<0.22	~	5	*0.5*
Acetone	< 5.0	< 5.0	<12.5	<3.5	<3.1	<3.1	<9.9	<3.4	<20	<20	7.4	<1.9	~	~	~	~	~	~	1,000	*200*
2-Chlorotoluene	< 1.0	< 1.0	<2.1	<0.18	<0.26	<0.10	<0.10	<0.28	<1.0	<1.0	<0.11	<0.11	<0.14	<0.23	<0.12	<0.12	<0.19	~	40	*8*
1,2,3-Trichloropropane	< 1.0	< 1.0	<2.0	<0.24	<0.59	<0.59	<0.59	<0.58	<1.0	<1.0	<0.094	<0.094	<0.31	<0.25	<0.15	<0.15	<0.23	~	NE	NE
Surrogate Recovery	96%	96%	100%	102%	94%	103%	88%	90%	98%	104%	101%	112%	111%	107%	95%	110%	91%	88%		

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-6

Analyte	Sample Collection Date																		ES	PAL
	6/21/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004		
GRO	500	950,000	960	700	1,100	1,800	540	1,300	2,500	2,100	1,430	1,710	10	1,200	660	310	~	110	NE	NE
DRO	920	1,300	2,000	750	1,600	1,900	960	1,600	2,000	5,300	2,640	4,640	4,600	2,800	2,400	850	970	280	NE	NE
Dissolved Lead	< 5	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	77	**170**	**34**	**22**	**46**	**23**	**26**	**25**	**250**	**450**	**442**	**638**	**510**	**160**	**160**	**8.4**	**25**	*1.8*	5	*0.5*
Toluene	40	*75*	*74*	*74*	*92*	64	7.6	55	49	23	20	37	25	13	6.4	2.1	3.7	1.3	1,000	*200*
Ethylbenzene	8.2	21	27	33	39	34	8.6	35	61	21	13	21	12	13	4.5	2.6	3	<0.42	700	*140*
Xylenes (total)	78	*290*	*240*	*270*	*300*	*280*	100	*280*	*410*	*248*	*227*	*278*	*221*	*140*	92.7	36.3	42.3	7.1	10,000	*1,000*
1,2,4-Trimethylbenzene	12	64	27	94	85	98	38	97	110	81	58	105	72	81	41	5.6	7	1.4	480	*96*
1,3,5-Trimethylbenzene	3.6	26	4.8	37	38	37	17	44	52	26	22	33	26	29	17	3.9	1.5	1.5	480	*96*
n-Butylbenzene	< 1.0	1.9	<0.4	<0.17	3.7	3.3	<0.39	4	3.6	<10	<4.5	<1.8	2.9	<6.6	1.8	1.2	1.3	~	NE	NE
n-Propylbenzene	< 1.0	6.6	8.1	<0.14	10	8.2	4.6	12	18	<10	<10.2	11	8.7	<12	<1.6	<0.65	<0.96	~	NE	NE
Isopropylbenzene	< 1.0	4.8	4.8	5.9	5.5	4.7	2.6	5.8	12	<10	<10.2	14	11	8.8	5.8	2.4	3.1	~	NE	NE
p-Isopropyltoluene	< 1.0	2.8	<1.3	<0.16	1.9	1.2	0.9	<0.22	2.3	<10	<3.2	<1.3	3.2	<6.9	<1.7	0.8	1.1	~	NE	NE
tert-Butylbenzene	1.3	<1.0	<1.8	<0.23	<0.27	<0.5	<0.27	<0.20	<1.0	<10	<3.3	<1.3	<1.1	<5.9	<1.5	<0.61	<0.86	~	NE	NE
Naphthalene	< 1.0	**41**	**46**	**53**	**48**	*38*	*33*	**55**	**67**	**120**	**65**	**119**	**110**	**100**	**61**	*28*	*29*	*12*	40	*8*
Methyl-tert-butyl ether	< 1.0	<1.0	<1.4	<0.35	<0.32	<0.6	<0.32	<0.22	<1.0	<10	<4.9	<2	<2.9	<9.5	<1.9	<0.76	<0.90	<0.45	60	*12*
Methyl-isobutyl ketone	< 5.0	<5.0	<7.5	<0.46	7	<0.54	<0.27	~	<5.0	<50	~	~	~	~	~	~	~	~	500	*50*
1,2-Dichloroethane	*3.5*	*4.8*	<1.6	<0.18	<0.24	<0.5	<0.24	<0.11	*4*	<10	<8.8	8.6	<2.0	<7.6	*3.3*	<0.70	<1.1	~	5	*0.5*
Acetone	16	<5.0	<12.5	<3.5	26	24	15	40	<20	<200	<47	<19	~	~	~	~	~	~	1,000	*200*
2-Chlorotoluene	1.6	<1.0	<2.1	<0.18	<0.26	<0.2	<0.10	<0.28	<1.0	<10	<0.11	<1.1	<1.4	<12	<1.5	<0.61	<0.94	~	40	*8*
1,2,3-Trichloropropane	46	<1.0	<2.0	<0.24	<0.59	<1.2	<0.59	<0.58	<1.0	<10	<0.09	<0.94	<3.1	<13	<1.9	<0.77	<1.2	~	NE	NE
Surrogate Recovery	96%	100%	102%	106%	92%	106%	90%	91%	114%	107%	101%	111%	108%	110%	97%	112%	98%	93%		

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-7

Analyte	Sample Collection Date																		ES	PAL
	8/6/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002	4/25/2003	10/31/2003	4/19/2004	9/20/2004		
GRO	< 50	< 50	<50	<50	<50	<50	<50	<50	<100	<100	24	<5.9	<9.8	<9.8	20	<8.5	~	<15	NE	NE
DRO	< 100	260	300	180	200	140	150	222	130	350	365	315	170	250	430	330	110	850	NE	NE
Dissolved Lead	< 5	< 5	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	< 1.0	**6.5**	**6.5**	**7.2**	**9**	**6.2**	**7.6**	**7.7**	**7.8**	**7.8**	**9.4**	*4.2*	**5.0**	*2.8*	*2.4*	*1.1*	*0.71*	*1.1*	5	*0.5*
Toluene	< 1.0	< 1.0	<1.5	0.68	1.3	<0.94	<0.94	<0.32	<1.0	<1.0	0.84	<0.11	0.23	<0.17	<0.14	<0.14	<0.21	<0.50	1,000	*200*
Ethylbenzene	< 1.0	< 1.0	<0.6	<0.12	<0.85	<0.85	<0.85	<0.21	<1.0	<1.0	<0.44	<0.13	<0.16	<0.18	<0.11	<0.11	<0.18	<0.42	700	*140*
Xylenes (total)	< 1.0	1.8	2.2	1.7	3.1	<1.1	1.2	<0.59	<2.0	<2.0	2.2	<0.3	0.28	<0.56	<0.35	<0.35	<0.48	<1.36	10,000	*1,000*
1,2,4-Trimethylbenzene	< 1.0	< 1.0	<0.8	0.29	0.7	0.26	0.23	<0.31	<1.0	<1.0	<0.41	<0.12	<0.12	<0.11	<0.13	<0.13	<0.18	<0.53	480	*96*
1,3,5-Trimethylbenzene	< 1.0	< 1.0	<1.6	<0.22	<0.27	<0.10	<0.10	<0.22	<1.0	<1.0	<0.37	<0.11	<0.14	<0.10	<0.14	<0.14	<0.18	<0.46	480	*96*
n-Butylbenzene	< 1.0	< 1.0	<0.4	<0.17	<0.39	<0.39	<0.39	<0.31	<1.0	<1.0	<0.18	<0.18	<0.14	<0.13	<0.13	<0.13	<0.15	~	NE	NE
n-Propylbenzene	< 1.0	< 1.0	<0.9	<0.14	<0.22	<0.22	<0.22	<0.30	<1.0	<1.0	<0.12	<0.12	<0.14	<0.24	<0.13	<0.13	<0.19	~	NE	NE
Isopropylbenzene	< 1.0	< 1.0	<1.6	<0.15	<0.29	<0.29	<0.29	<0.24	<1.0	<1.0	<0.12	<0.12	<0.13	<0.14	<0.11	<0.11	<0.19	~	NE	NE
p-Isopropyltoluene	< 1.0	< 1.0	<1.3	<0.16	<0.30	<0.30	<0.30	<0.22	<1.0	<1.0	<0.13	<0.13	<0.21	<0.14	<0.14	<0.14	<0.18	~	NE	NE
tert-Butylbenzene	< 1.0	< 1.0	<1.8	<0.23	<0.27	<0.27	<0.27	<0.20	<1.0	<1.0	<0.13	<0.13	<0.11	<0.12	<0.12	<0.12	<0.17	~	NE	NE
Naphthalene	< 1.0	< 1.0	<1.4	0.79	1.2	0.29	0.58	<0.19	<1.0	<1.0	0.69	<0.082	0.54	<0.37	<0.18	<0.18	<0.24	<0.65	40	*8*
Methyl-tert-butyl ether	< 1.0	< 1.0	<1.4	<0.35	<0.32	<0.32	<0.32	<0.22	<1.0	<1.0	<0.20	<0.2	<0.29	<0.19	<0.15	<0.15	<0.18	<0.45	60	*12*
Methyl-isobutyl ketone	< 5.0	< 5.0	<7.5	<0.46	<0.27	<0.27	<0.27	~	<5.0	<5.0	~	~	~	~	~	~	~	~	500	*50*
1,2-Dichloroethane	< 1.0	< 1.0	<1.6	0.36	<0.24	<0.24	<0.24	<0.11	<1.0	<1.0	<1.2	<0.35	<0.20	0.26	0.25	0.25	<0.22	~	5	*0.5*
Acetone	< 5.0	< 5.0	<12.5	<3.5	<3.1	<3.1	<3.1	<3.4	<20	<20	<1.9	<1.9	~	~	~	~	~	~	1,000	*200*
2-Chlorotoluene	< 1.0	< 1.0	<2.1	<0.18	<0.26	<0.10	<0.10	<0.28	<1.0	<1.0	<0.11	<0.11	<0.14	<0.23	<0.12	<0.12	<0.19	~	40	*8*
1,2,3-Trichloropropane	< 1.0	< 1.0	<2.0	<0.24	<0.59	<0.59	<0.59	<0.58	<1.0	<1.0	<0.09	<0.094	<0.31	<0.25	<0.15	<0.15	<0.23	~	NE	NE
Surrogate Recovery	96%	95%	100%	104%	94%	94%	103%	86%	103%	105%	101%	118%	112%	106%	98%	109%	92%	100%		

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140, exceedances indicated in **boldface**
PAL = preventive action limit established under Wis. Admin. Code s. NR 140, exceedances indicated in *italics*
NE = limit not established
"~" = sample was not analyzed for this parameter
"<" = not detected at or above stated quantitation limit

TABLE 3 (continued)
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR
VOC AND PETROLEUM PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

MW-8

Analyte	Sample Collection Date														ES	PAL
	8/6/1996	1/9/1997	6/24/1997	10/3/1997	3/12/1998	9/29/1998	3/30/1999	9/8/1999	3/1/2000	9/26/2000	3/27/2001	9/27/2001	4/8/2002	10/2/2002		
GRO	< 50	< 50	<50	<50	<50	<50	<50	<50	<100	<100	<5.9	<5.9	<9.8	13	NE	NE
DRO	170	< 100	390	530	140	440	<100	1,100	<100	<100	<28	297	30	<100	NE	NE
Dissolved Lead	< 5	< 5	~	~	~	~	~	~	~	~	~	~	~	~	15	*1.5*
Benzene	**9.8**	< 1.0	**19**	**15**	*1*	**16**	*1.3*	**25**	*1.4*	<1.0	<0.63	<0.19	<0.16	0.23	**5**	*0.5*
Toluene	< 1.0	< 1.0	<1.5	<0.20	<0.94	<0.94	<0.94	5.3	<1.0	<1.0	<0.11	<0.11	<0.13	<0.17	**1,000**	*200*
Ethylbenzene	< 1.0	< 1.0	<0.6	<0.12	<0.85	<0.85	<0.85	2.9	<1.0	<1.0	<0.13	<0.13	<0.16	<0.18	**700**	*140*
Xylenes (total)	< 1.0	< 1.0	2.6	<0.41	<1.1	<1.1	<1.1	27	<2.0	<2.0	<0.3	<0.3	<0.34	<0.56	**10,000**	*1,000*
1,2,4-Trimethylbenzene	< 1.0	< 1.0	<0.8	<0.17	<0.29	<0.10	0.79	9.5	<1.0	<1.0	<0.12	<0.12	<0.12	<0.11	**480**	*96*
1,3,5-Trimethylbenzene	< 1.0	< 1.0	<1.6	<0.22	<0.27	<0.10	<0.10	4.8	<1.0	<1.0	<0.11	<0.11	<0.14	<0.10	**480**	*96*
n-Butylbenzene	< 1.0	< 1.0	<0.4	<0.17	<0.39	<0.39	<0.39	<0.31	<1.0	<1.0	<0.18	<0.18	<0.14	<0.13	NE	NE
n-Propylbenzene	< 1.0	< 1.0	<0.9	<0.14	<0.22	<0.22	<0.22	1	<1.0	<1.0	<0.12	<0.12	<0.14	<0.24	NE	NE
Isopropylbenzene	< 1.0	< 1.0	<1.6	<0.15	<0.29	<0.29	<0.29	0.48	<1.0	<1.0	<0.12	<0.12	<0.13	<0.14	NE	NE
p-Isopropyltoluene	< 1.0	< 1.0	<1.3	<0.16	<0.30	<0.30	<0.30	<0.22	<1.0	<1.0	<0.13	<0.13	<0.21	<0.14	NE	NE
tert-Butylbenzene	< 1.0	< 1.0	<1.8	<0.23	<0.27	<0.27	<0.27	<0.20	<1.0	<1.0	<0.13	<0.13	<0.11	<0.12	NE	NE
Naphthalene	< 1.0	< 1.0	<1.4	<0.29	<0.79	<0.10	<0.10	6.6	1.1	<1.0	<0.08	<0.082	<0.29	<0.37	**40**	*8*
Methyl-tert-butyl ether	< 1.0	< 1.0	<1.4	<0.35	<0.32	<0.32	<0.32	<0.22	<1.0	<1.0	<0.20	<0.2	<0.29	<0.19	**60**	*12*
Methyl-isobutyl ketone	< 5.0	< 5.0	<7.5	<0.46	<0.27	<0.27	<0.27	~	<5.0	<5.0	~	~	~	~	**500**	*50*
1,2-Dichloroethane	< 1.0	< 1.0	<1.6	<0.18	<0.24	*0.75*	<0.24	<0.11	<1.0	<1.0	<0.35	<0.35	<0.20	<0.15	**5**	*0.5*
Acetone	< 5.0	< 5.0	<12.5	<3.5	<3.1	<3.1	24	<3.4	<20	<20	<0.19	<0.19	~	~	**1,000**	*200*
2-Chlorotoluene	< 1.0	< 1.0	<2.1	<0.18	<0.26	<0.10	<0.10	<0.28	<1.0	<1.0	<0.11	<0.11	<0.14	<0.23	**40**	*8*
1,2,3-Trichloropropane	< 1.0	< 1.0	<2.0	<0.24	<0.59	<0.59	<0.59	<0.58	<1.0	<1.0	<0.09	<0.094	<0.31	<0.25	NE	NE
Surrogate Recovery	95%	96%	100%	102%	92%	104%	92%	81%	110%	102%	100%	112%	109%	104%		

Notes:

Concentrations reported in micrograms per liter (ug/L) or parts-per-billion
ES = enforcement standard established under Wis. Admin. Code s. NR 140,
exceedances indicated in **boldface**
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TABLE 2
MONITORING WELL RESULTS - BIOLOGICAL PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

Well	Date	pH (standard units)	Temp. (°C)	Conductance mM/cm	ORP (millivolts)	DO (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Well Location
MW-1	1/9/1997	7.58	4.5	2.98	74	5	2	144	1.06	IP
	6/24/1997	7.68	10.7	2.22	30	5.9	1.8	181	0.334	
(Duplicate)	6/24/1997	~	~	~	~	~	~	174	0.47	
	10/3/1997	6.69	14.3	1.96	~	3.3	5	31	0.323	
	3/12/1998	7.42	6.0	1.97	130	0.55	2.5	22	0.34	
	9/29/1998	7.30	14.8	1.34	146	0.19	1.1	~	0.39	
	3/30/1999	7.62	4.4	1.76	87	0.4	1.5	<1.75	0.17	
	9/8/1999	7.61	14.0	1.44	46	0.43	1.5	<2	<0.024	
	3/1/2000	7.20	5.7	~	~	0.28	1.3	47	7.9	
	9/26/2000	7.36	12.9	1.39	18	0.18	1.5	9.3	0.04	
	3/27/2001	7.33	4.0	0.94	82	0.66	2	20	<0.11	
	9/27/2001	7.03	12.6	1.45	76	0.53	2.1	<0.76	0.18	
	4/8/2002	7.17	5.6	1.41	66	1.39	NM	NM	<0.075	
	10/2/2002	6.43	12.4	1.23	-43	1.28	NM	NM	<0.075	
	10/31/2003	6.20	11.8	1.43	75	0.75	NM	NM	1.6	
	4/19/2004	*	4.0	1.24	*	0.71	NM	NM	<0.05	
	9/20/2004	6.24	13.5	1.44	-44	0.38	NM	NM	<0.05	
MW-2	1/9/1997	7.13	5.4	12.9	208	5	0.9	< 5	1460	IP
	6/24/1997	6.85	11.2	3.22	249	5.7	0.4	21	149	
	10/3/1997	7.41	13.7	3.1	83	0.72	>5.0	19	68.5	
	3/12/1998	6.50	5.6	3.93	128	0.52	0.7	116	217	
	9/29/1998	7.26	15.2	5.08	167	0.21	0.7	~	450	
	3/30/1999	7.07	5.6	3.64	89	0.34	0.4	25	370	
	9/8/1999	7.30	15.8	2.65	98	0.17	0.4	98	200	
	3/1/2000	6.80	7.0	~	~	0.27	0.8	37	78	
	9/26/2000	7.00	14.2	2.51	26	0.19	1	25	210	
	3/27/2001	7.00	3.7	1.51	84	0.69	0.5	41	118	
	9/27/2001	6.93	14.4	2.8	69	0.51	0.5	54	205	
	4/8/2002	6.45	5.8	2.39	58	1.45	NM	NM	210	
	10/2/2002	6.12	13.6	0.97	-21	1.08	NM	NM	57	
	10/31/2003	6.05	12.2	0.95	45	0.38	NM	NM	67	
	4/19/2004	*	4.5	0.63	161	0.58	NM	NM	89	
	9/20/2004	6.22	14.1	0.32	14	0.38	NM	NM	10	
MW-3	1/9/1997	8.40	2.2	2.5	87	6	1	68	277	DG
	6/24/1997	6.65	14.0	2.61	219	2.94	5	74	34.9	
	10/3/1997	7.21	16.4	0.982	93	3.11	4.5	75	2.74	
	3/12/1998	7.49	2.9	2.11	120	1.25	1.2	40	38	
	9/29/1998	6.89	17.0	3.01	158	0.42	3.4	350	11	
	3/30/1999	7.34	3.5	7.37	83	1.4	3.5	350	150	
	9/8/1999	7.41	14.2	16.26	44	0.32	>5.0	390	490	
	3/1/2000	7.30	2.7	~	~	0.5	>5.0	240	430	
	9/26/2000	7.30	15.7	10.52	39	0.38	3.2	380	630	
	3/27/2001	7.15	2.3	4.96	66	0.91	2	399	207	
	9/27/2001	7.04	16.2	7.73	48	0.51	1.6	200	246	
	4/8/2002	6.81	2.5	2.27	62	1.98	NM	NM	35	
	10/2/2002	6.24	16.1	2.03	-9	1.66	NM	NM	26	
	10/31/2003	6.43	12.4	2.26	59	0.63	NM	NM	40	
	4/19/2004	6.55	3.6	1.61	155	0.74	NM	NM	140	
	9/20/2004	6.23	16.4	1.93	61	0.51	NM	NM	97	

TABLE 2 (Continued)
MONITORING WELL RESULTS - BIOLOGICAL PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

Well	Date	pH (standard units)	Temp. (°C)	Conductance mM/cm	ORP (millivolts)	DO (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Well Location
MW-4	1/9/1997	7.45	5.4	1.62	240	4	0.5	93	3.55	DG
	6/24/1997	7.43	12.1	1.27	247	5.97	2	56	26.3	
	10/3/1997	7.39	15.3	1.32	69	1.23	5	76	0.952	
	3/12/1998	7.11	4.3	1.68	18	0.68	3.6	102	225	
	9/29/1998	7.03	15.1	1.04	160	0.22	>5.0	79	0.14	
	3/30/1999	7.22	5.1	1.25	69	0.26	>5.0	66	0.25	
	9/8/1999	7.55	17.8	0.95	108	0.22	>5	69	<0.024	
	3/1/2000	7.20	5.0	~	~	4.42	5	31	2.4	
	9/26/2000	7.38	15.0	0.58	11	0.27	5	44	1.9	
	3/27/2001	7.00	3.2	0.75	74	0.81	>5.0	82	1.6	
	9/27/2001	6.86	15.4	1.03	72	0.51	>5.0	58	0.36	
	4/8/2002	6.96	4.8	1.26	75	1.41	NM	NM	0.58	
	10/2/2003	6.19	15.5	1.13	5	1.53	NM	NM	0.087	
	10/31/2003	6.50	12.3	0.89	58	0.42	NM	NM	0.13	
	4/19/2004	6.95	5.4	0.59	154	6.42	NM	NM	3.8	
	9/20/2004	6.35	16.2	0.35	58	1.44	NM	NM	5.4	
MW-5	1/9/1997	8.14	3.1	1.88	72	5	> 5.0	96	205	SG
	6/24/1997	7.27	13.9	1.03	238	2.11	4.5	101	130.6	
	10/3/1997	6.61	15.8	1.74	-58	1.71	3.3	90	47.85	
	3/12/1998	7.51	3.8	1.84	-20	1.41	>5.0	112	129	
	9/29/1998	7.00	15.0	1.14	123	1.55	>5.0	78	84	
	3/30/1999	7.54	5.8	1.72	51	1.44	>5.0	85	96	
	9/8/1999	7.14	16.4	1.46	35	1.47	4.3	94	100	
	3/1/2000	6.80	4.7	~	~	0.45	>5.0	100	80	
	9/26/2000	7.05	13.9	1.27	-23	0.27	>5.0	60	74	
	3/27/2001	7.31	3.4	0.89	150	1.78	>5.0	78	57	
	9/27/2001	6.81	13.8	2.16	33	0.76	>5.0	79	151	
	4/8/2002	7.14	4.0	2.11	64	1.68	NM	NM	140	
	10/2/2002	6.41	14.5	2.07	-29	2.13	NM	NM	120	
	10/31/2003	6.15	11.4	1.29	26	2.44	NM	NM	60	
	4/19/2004	6.08	6.7	1.05	99	1.10	NM	NM	77	
	9/20/2004	6.25	14.6	0.98	-39	1.17	NM	NM	24	
MW-6	1/9/1997	8.74	5.2	6.09	91	5	3.2	242	443	DG
	6/24/1997	7.83	12.3	5.34	85	1.12	5	210	200	
	10/3/1997	8.64	15.1	4.83	31	0.7	>5.0	150	93.5	
	3/12/1998	8.78	2.0	5.7	-12	0.88	4.6	165	236	
	9/29/1998	8.59	15.1	4.25	152	0.48	3.5	250	230	
	3/30/1999	8.32	3.4	4.47	69	0.7	>5.0	200	200	
	9/8/1999	8.68	16.1	4.59	22	0.21	>5	150	190	
	3/1/2000	8.60	3.3	~	~	0.38	3	200	190	
	9/26/2000	8.46	13.6	4.19	13	0.23	1.8	130	71	
	3/27/2001	8.43	2.4	2.68	135	1.36	4	131	74	
	9/27/2001	8.17	13.9	4.7	81	0.55	2.1	124	65	
	4/8/2002	8.16	1.9	4.68	105	3.02	NM	NM	83	
	10/2/2002	7.85	13.9	3.67	-35	3.21	NM	NM	99	
	10/31/2003	7.95	10.0	2.31	17	1.6	NM	NM	90	
	4/19/2004	6.95	5.0	1.82	139	1.11	NM	NM	78	
	9/20/2004	8.05	14.8	1.26	-51	0.52	NM	NM	38	

TABLE 2 (Continued)
MONITORING WELL RESULTS - BIOLOGICAL PARAMETERS
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

Well	Date	pH (standard units)	Temp. (°C)	Conductance mM/cm	ORP (millivolts)	DO (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Well Location
MW-7	1/9/1997	7.01	8.1	1.15	177	2	0.5	31	47.1	
	6/24/1997	7.57	8.3	1.43	238	0.45	0.5	31	49.8	
	10/3/1997	7.21	12.1	1.46	90	0.45	0.4	35	20	
	3/12/1998	7.12	6.6	1.55	132	0.7	0.6	35	44	
	9/29/1998	6.92	13.5	1.45	251	0.29	0.5	38	43	
	3/30/1999	7.11	9.0	1.25	-32	0.3	1.2	47	65	
	9/8/1999	7.01	11.3	1.63	42	0.32	4	58	56	
	3/1/2000	6.80	7.7	~	~	0.45	1.5	54	56	
	9/26/2000	6.64	13.6	1.77	-9	0.34	1	63	59	
	3/27/2001	6.39	6.7	1.9	162	1	0.5	58	51	
	9/27/2001	6.68	13.5	1.38	114	0.76	0.5	41	28	
	4/8/2002	6.34	6.7	1.58	148	1.56	NM	NM	50	
	10/2/2002	6.11	11.6	1.28	121	1.33	NM	NM	25	
	10/31/2003	6.13	11.9	1.01	64	0.51	NM	NM	12	
	4/19/2004	6.41	5.4	0.58	143	0.4	NM	NM	5.3	
	9/20/2004	6.00	10.3	0.64	64	0.48	NM	NM	4.3	
MW-8	1/9/1997	6.92	5.8	0.95	56	4	4.5	< 5	0.646	DG
	6/24/1997	7.12	11.5	1.29	30	5.64	5	49	16	
	10/3/1997	7.07	13.6	1.55	76	0.53	4	45	18.78	
	3/12/1998	7.08	4.3	1.24	51	0.7	>5.0	<10	0.57	
	9/29/1998	7.28	15.2	1.15	155	0.48	5	51	40	
	3/30/1999	7.29	3.2	1.29	116	0.41	>5.0	<1.75	0.2	
	9/8/1999	7.44	16.2	1.96	107	0.44	>5	66	17	
	3/1/2000	7.10	4.8	~	~	0.62	>5.0	6.7	<1.0	
	9/26/2000	7.17	13.2	0.72	8	0.5	5	9.6	0.58	
	3/27/2001	6.87	2.8	1	138	0.97	>5.0	16	<0.11	
	9/27/2001	6.79	14.4	0.8	100	0.56	>5.0	3.1	<0.11	
	4/8/2002	6.60	4.6	0.94	104	1.17	NM	NM	<0.075	
	10/2/2002	5.98	15.1	0.63	-2	1.26	NM	NM	<0.075	
Method No.	-	EPA 150.1	SM 2550B	SM 2510B	YSI	EPA 360.1	Hach 8146	EPA 375.4	SM 4500	-

Notes:
mM/cm = Millimhos per centimeter
ORP = Oxidation reduction potential
Nitrate includes both nitrate- and nitrite-nitrogen
UG = upgradient with respect to the general contaminant plume
IP = Inside or within the general contaminant plume
SG = Sidegradient with respect to the general contaminant plume
DG = Downgradient with respect to the general contaminant plume
"--" = sample was not analyzed for this parameter

EPA = Environmental Protection Agency
SM = Method from "Standard Methods for the Examination of Water and Wastewater".
YSI = Field instrument manufactured by Yellow Springs Instruments Company, Inc.
Hach = Field instrument manufactured by Hach Company
DO = Dissolved oxygen
">" = Value exceeded upper concentration limit for the test
NM = Not measured
* = YSI meter quite working due to low battery

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS
FOR SOIL
Central Rivers Cooperative
Osceola, Wisconsin
Summit Project No. 942180

Analyte	P-1 4 to 6	P-2 2 to 4	P-4 2 to 4	P-4 4 to 6	P-4 8 to 10	P-11 2 to 4	P-11 8 to 10	P-14 2 to 4	P-14 8 to 10	P-16 2 to 4	P-16 8 to 10	P-21 2 to 4	P-21 8 to 10	* Residual Contam. Level
Benzene	0.028	< 0.250	~	< 1.50	~	~	~	~	~	~	~	< 0.025	0.27	~~0.055~~ 0.0055
Ethylbenzene	< 0.025	< 0.250	~	< 1.50	~	~	~	~	~	~	~	< 0.025	0.11	2.9
MTBE	< 0.025	< 0.250	~	< 1.50	~	~	~	~	~	~	~	< 0.025	< 0.025	
Toluene	< 0.025	< 0.250	~	< 1.50	~	~	~	~	~	~	~	< 0.025	0.27	1.5
1,2,4 - TMB	< 0.025	27	~	93	~	~	~	~	~	~	~	< 0.025	0.44	
1,3,5 - TMB	< 0.025	7.5	~	28	~	~	~	~	~	~	~	< 0.025	0.15	
Total xylenes	< 0.025	3.3	~	63	~	~	~	~	~	~	~	< 0.025	0.96	4.1
GRO	67	630	~	1,700	~	~	~	~	~	~	~	< 10	< 10	100
DRO	220	3,100	~	1,200	~	~	~	~	~	~	~	3.3	12	100
Alachlor	~	~	0.42	~	0.0062	0.12	< 0.020	0.90	0.017	0.013	< 0.005	~	~	
Atrazine	~	~	0.14	~	0.16	< 0.005	< 0.020	< 0.005	0.0085	0.023	< 0.005	~	~	
Cyanazine	~	~	0.0079	~	< 0.005	< 0.005	< 0.020	< 0.005	< 0.005	< 0.005	< 0.005	~	~	
Metolachlor	~	~	0.94	~	< 0.005	< 0.005	< 0.020	< 0.005	0.017	0.028	< 0.005	~	~	
Pendimethalin	~	~	0.0069	~	< 0.005	< 0.005	< 0.020	< 0.005	< 0.005	< 0.005	< 0.005	~	~	
Bromofluorobenzene (surrogate)	111%	111%	~	96%	~	~	~	~	~	~	~	103%	100%	
Tributyl phosphate (surrogate)	~	~	155%	~	102%	91%	123%	105%	96%	109%	125%	~	~	
Triphenyl phosphate (surrogate)	~	~	126%	~	123%	116%	119%	125%	115%	118%	115%	~	~	

Notes:
Concentrations are reported in milligrams per kilogram (ppm)
~ = sample was not tested for this parameter
< = less than
* = Residual Contaminant Levels from NR720.10, Wisconsin Administrative Code

MTBE = Methy tert-butylether
TMB = Trimethylbenzene
GRO = Gasoline range organics
DRO = Diesel range organics

○ = over RCL

TABLE 3 (continued)
SUMMARY OF FIELD ANALYTICAL RESULTS FOR SOIL
Central Rivers Cooperative
Osceola, Wisconsin
Summit Project No. 942180

Sample Location	Sample Depth	Benzene	Toluene	Ethyl-benzene	m&p Xylenes	o-Xylene	GRO	Alachlor	Triazines	PID
P-7	0 to 2	~	~	~	~	~	~	~	~	1
P-7	2 to 4	~	~	~	~	~	~	0.14	< 0.50	3
P-7	4 to 6	<0.002	< 0.002	< 0.004	< 0.004	< 0.005	< 0.050	~	~	1
P-7	6 to 8	~	~	~	~	~	~	~	~	3
P-7	8 to 10	~	~	~	~	~	~	0.16	< 0.50	1
P-11	0 to 2	~	~	~	~	~	~	~	~	1
P-11	2 to 4	~	~	~	~	~	~	0.49	< 0.50	1
P-11	4 to 6	~	~	~	~	~	~	~	~	1
P-11	8 to 10	~	~	~	~	~	~	0.08	< 0.50	1
P-14	2 to 4	~	~	~	~	~	~	1.89	< 0.50	~
P-14	8 to 10	~	~	~	~	~	~	0.31	< 0.50	~
P-16	0 to 2	~	~	~	~	~	~	< 0.10	< 0.50	~
P-16	2 to 4	~	~	~	~	~	~	< 0.10	< 0.50	~
P-16	8 to 10	~	~	~	~	~	~	< 0.10	< 0.50	~
P-18	0 to 2	~	~	~	~	~	~	2.01	< 0.50	~
P-18	2 to 4	~	~	~	~	~	~	1.28	< 0.50	~
P-18	8 to 10	~	~	~	~	~	~	0.59	< 0.50	~
P-21	0 to 2	~	~	~	~	~	~	< 0.10	< 0.50	> 800
P-21	2 to 4	~	~	~	~	~	~	< 0.10	< 0.50	> 800
P-21	6 to 8	~	~	~	~	~	~	~	~	> 800
P-21	8 to 10	~	~	~	~	~	~	< 0.10	0.74	> 800

Notes: Concentrations are reported in milligrams per kilogram (ppm)
< = less than
~ = sample was not tested for this parameter
> Peak is off scale, Reported value is a low estimate
>> Peaks cannot be distinguished because response is completely off scale
*Overlapping peaks; cannot distinguish between ethylbenzene and m&p-xylene.
** = Sample diluted 1:10
Analysis for benzene, ethylbenzene, toluene, xylenes, and GRO performed on site by Enviroscan Corp.
Analysis for alachlor, triazines and nitrate-nitrogen performed on site by Summit Envirosolutions, Inc.

TABLE 3
SUMMARY OF FIELD ANALYTICAL RESULTS FOR SOIL
Central Rivers Cooperative
Osceola, Wisconsin
Summit Project No. 942180

Sample Location	Sample Depth	Benzene	Toluene	Ethyl-benzene	m&p Xylenes	o-Xylene	GRO	Alachlor	Triazines	PID
P-1	2 to 4	0.042	0.093	0.28	0.07	0.08	> 20.1	2.56	< 0.50	151
P-1	4 to 6	~	~	~	~	~	~	~	~	24
P-1	6 to 8	~	~	~	~	~	~	~	~	21
P-1	8 to 10	0.024	0.0083	< 0.004	< 0.004	0.024	0.3	0.11	< 0.50	~
P-2	0 to 2	~	~	~	~	~	~	~	~	13
P-2	2 to 4	0.074	0.14	> 0.358*	> 0.358*	0.066	> 21.9	0.88	< 0.50	87
P-2	8 to 10	0.0154	0.0076	< 0.004	< 0.008	0.0067	0.285	0.2	< 0.50	14
P-3	0 - 2.0	~	~	~	~	~	~	~	~	7
P-3	2 to 4	< 0.002	< 0.002	< 0.004	< 0.004	<0.005	< 0.050	0.14	< 0.50	28
P-3	6 to 8	0.0045	< 0.002	< 0.004	< 0.004	0.005	0.05	0.12	< 0.50	27
P-4	0 to 2	~	~	~	~	~	~	~	~	>800
P-4	2 to 4	~	~	~	~	~	~	1.92	< 0.50	~
P-4	4 to 6	>>	>>	>>	>>	>>	> 65.7	~	~	>800
P-4**	4 to 6	< 1.0 ?	< 0.932	0.895	> 2.20	> 3.00	> 145	~	~	~
P-4	8 to 10	~	~	~	~	~	~	0.17	< 0.50	>800
P-6	0 to 2	~	~	~	~	~	~	~	~	>800
P-6	2 to 4	~	~	~	~	~	~	< 0.10	< 0.50	~
P-6	4 to 6	~	~	~	~	~	~	~	~	>800
P-6	8 to 10	~	~	~	~	~	~	0.6	< 0.50	>800

Notes:
Concentrations are reported in milligrams per kilogram (ppm)
< = less than
~ = sample was not tested for this parameter
> Peak is off scale, Reported value is a low estimate
>> Peaks cannot be distinguished because response is completely off scale
* Overlapping peaks; cannot distinguish between ethylbenzene and m&p-xylene.
** = Sample diluted 1:10
Analysis for benzene, ethylbenzene, toluene, xylenes, and GRO performed on site by Enviroscan Corp.
Analysis for alachlor, triazines and nitrate-nitrogen performed on site by Summit Envirosolutions, Inc.

○ = > RCL

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SOIL
TEST PIT 4
Central Rivers Cooperative
Osceloa, Wisconsin
Summit Project No. 942180

Analyte	S-1	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	MDL
Nitrogen, Ammonia (ppm)	51.8	240	460	621	102	~	~	~	707	25
Nitrogen, Kjeldahl (ppm)	260	930	370	990	380	~	~	~	540	30
Nitrogen, Nitrate (ppm)	<5	<5	9	<5	52	~	~	~	<5	5
Lead, AA (ppm)	<20	78	<20	24	<20	<20	<20	22	<20	20
WDNR-GRO (ppm)	<10	240	<10	4,600	920	260	<10	150	2,400	10
WDNR-DRO (ppm)	<10	680	<10	7,700	3,600	99	<10	230	6,300	10
Alachlor (ppb)	7.4	41.5	9.2	145	252	~	~	~	37.7	5
Atrazine (ppb)	110	<5	20	175	204	~	~	~	10.9	5
Cyanazine (ppb)	<5	<5	<5	12.5	<5	~	~	~	<5	5
Metolachlor (ppb)	96	7.6	10.3	<5	317	~	~	~	<5	5
Pendimethalin (ppb)	<5	<5	<5	25.8	7	~	~	~	5	5
Triphenyl phosphate (surrogate)	82.8%	104.0%	52.0%	*226.0%	111.0%	-	-	-	*1,103%	-
Benzene (ppb)	<25	<25	<25	2,100	140	430	<25	<25	2,600	25
Ethylbenzene (ppb)	<25	<25	<25	17,000	590	480	<25	340	13,000	25
Isopropylbenzene (ppb)	<25	<25	<25	3,300	<50	130	<25	93	3,100	25
p-Isopropyltoluene (ppb)	<25	680	<25	9,400	4,100	<25	<25	360	9,700	25
Methylene chloride (ppb)	<50	100	<50	<100	250	<50	<50	160	<200	50
Naphthalene (ppb)	<50	490	<50	13,000	6,700	990	<50	920	19,000	50
n-Propylbenzene (ppb)	<25	270	<25	11,000	410	370	<25	300	10,000	25
Toluene (ppb)	<25	<25	<25	11,000	110	240	<25	73	7,000	25
1,2,4-Trimethylbenzene (ppb)	<25	<25	<25	87,000	15,000	4,000	<25	2,500	62,000	25
1,3,5-Trimethylbenzene (ppb)	<25	<25	<25	22,000	3,100	1,300	<25	670	23,000	25
Xylenes (total) (ppb)	<25	<25	<25	130,000	34,000	3,200	<25	1,700	99,000	25
Bromofluorobenzene (surrogate)	96.0%	100.0%	98.0%	88.0%	102.0%	97.0%	97.0%	95.0%	94.0%	-

Notes:

~ = sample was not tested for this parameter
< = less than
* Analytical laboratory confirmed that high surrogate recoveries were due to sample matrix interferences
NA = Not Analyzed
ppm = parts per million
ppb = parts per billion
GRO = Gasoline range organics
DRO = Diesel range organics
O = > RCL

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SOIL
TEST BORING SAMPLES
Central Rivers Cooperative
Osceloa, Wisconsin
Summit Project No. 942180

Analyte	TB-1 7-8 feet	TB-1 16-18 feet	TB-2 16-18 feet	TB-5 5.5 feet	TB-6 4.5 feet	TB-7 22 feet	TB-8 9.5 feet	MDL
Nitrogen, Ammonia (ppm)	~	~	~	< 5	< 5	10.6	55.1	5
Nitrogen, Kjeldahl (ppm)	~	~	~	< 160	< 160	39	51	30
Nitrogen, Nitrate (ppm)	~	~	~	29	< 5	< 5	12	5
Alachlor (ppb)	~	~	~	< 5	< 5	< 5	< 5	5
Atrazine (ppb)	~	~	~	< 5	< 5	< 5	< 5	5
Cyanazine (ppb)	~	~	~	< 5	< 5	< 5	< 5	5
Metolachlor (ppb)	~	~	~	< 5	< 5	< 5	< 5	5
Pendimethalin (ppb)	~	~	~	< 5	< 5	< 5	< 5	5
Triphenyl phosphate (surrogate)	~	~	~	67%	67.0%	90.0%	120.0%	-
Solids, Total	86.7%	87.8%	87.0%	83.8%	82.1%	94.9%	81.5%	-
Lead, AA (ppm)	5.8	14	13	5.3	< 5	36	17	5
WDNR-GRO (ppm)	230	52	<10	11	< 10	< 10	< 10	10
WDNR-DRO (ppm)	240	29	<10	< 10	< 10	< 10	< 10	10
Benzene (ppb)	<125	<25	77	< 25	< 25	< 25	< 25	25
Ethylbenzene (ppb)	1,200	130	<25	< 25	< 25	< 25	< 25	25
tert-Butyl methyl ether (ppb)	<125	<25	<25	< 25	< 25	< 25	< 25	25
Toluene (ppb)	1,000	170	<25	< 25	< 25	< 25	< 25	25
1,2,4-Trimethylbenzene (ppb)	11,000	1,600	<25	< 25	< 25	< 25	< 25	25
1,3,5-Trimethylbenzene (ppb)	4,100	640	<25	< 25	< 25	< 25	< 25	25
Xylenes (total) (ppb)	7,400	800	<25	< 25	< 25	< 25	< 25	25
Bromofluorobenzene (surrogate)	95.0%	97.0%	72.0%	84.0%	83.0%	83.0%	82.0%	-

Notes:
ppm = parts per million
ppb = parts per billion
~ = sample was not tested for this parameter
< = less than
TB = Test boring
GRO = Gasoline range organics
DRO = Diesel range organics

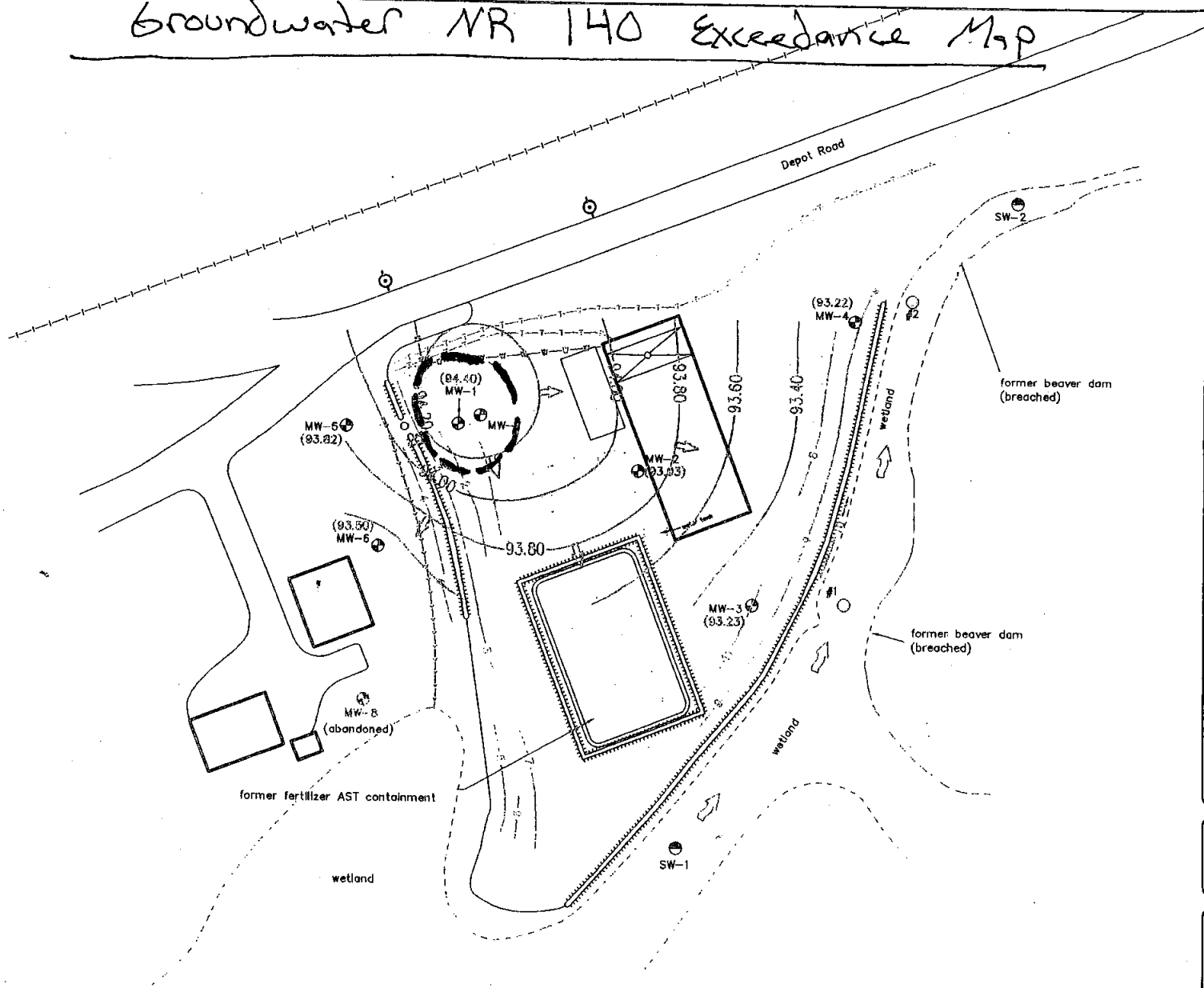
TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR APPLICATION SITE
Central Rivers Cooperative
Osceola, Wisconsin
Summit Project No. 0604-001

Sample ID Depth (feet)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,3,5-TMB	1,2,4-TMB	GRO	DRO
1A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
1A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
1B (1/2')	<25	**64**	<25	<35	<25	<25	<25	<0.010	<0.010
1B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
2A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
2A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
2B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
2B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
3A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
3A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
3B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
3B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
4A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
4A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
4B (1/2')	<25	<25	<25	**60**	<25	<25	<25	<0.010	<0.010
4B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
5A (1/2')	<25	**45**	<25	<35	<25	<25	<25	<0.010	<0.010
5A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
5B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
5B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
6A (1/2')	<25	<25	**32**	<35	<25	<25	<25	<0.010	<0.010
6A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
6B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
6B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
7A (1/2')	**94**	**32**	**41**	**380**	<25	<25	**79**	<0.010	<0.010
7A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
7B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
7B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
8A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
8A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
8B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
8B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
9A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
9A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
9B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
9B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
10A (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
10A (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
10B (1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010
10B (1 1/2')	<25	<25	<25	<35	<25	<25	<25	<0.010	<0.010

Concentrations reported in micrograms per kilogram (ug/kg).
MTBE = Methyl tert-butyl ether
TMB = Trimethylbenzene
GRO = Gasoline range organics
DRO = Diesel range organics
Concentrations at or above method detection limits are presented in **BOLDFACE**
For the complete laboratory report, refer to Appendix II.

○ = > RCL

Groundwater NR 140 Exceedance Map



LEGEND

- power pole
- staff gauge
- curb or edge of pavement
- railway
- drainage ditch
- culvert
- planted tree row number 4
- former above ground tank
- above ground tank
- concrete containment
- water
- berm
- building
- telephone line
- water line
- surface water sampling location
- monitoring well
- stream flow direction
- approximate groundwater flow direction
- groundwater contour
- (92.95) groundwater elevation in well
- — — = Approximate NR140 ES Exceedances as of 9/20/04 (Naphthalene = 61 ug/L)

0' 50'
SCALE: 1"=50'

N

GROUNDWATER ELEVATION CONTOUR MAP
09/20/2004
FEDERATED CO-OPS, INC.
OSCEOLA, WISCONSIN

Summit Envirosolutions

FIGURE 5

AutoCAD File: 20040920GW.dwg
Summit Proj. No: 0604-001
Plot Date: 10/13/04
CAD Operator: JLT
Reviewed by: MDH

TABLE 1
GROUNDWATER AND SURFACE WATER ELEVATION DATA
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

Monitoring Point	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW-1	4/10/1996	101.57	6.56	95.01
	5/23/1996		6.62	94.95
	6/21/1996		6.80	94.77
	8/6/1996		7.14	94.43
	1/9/1997		6.47	95.10
	6/24/1997		8.11	93.46
	10/3/1997		7.41	94.16
	3/12/1998		6.89	94.68
	9/29/1998		7.63	93.94
	3/30/1999		6.50	95.07
	9/8/1999		7.85	93.72
	3/1/2000		6.92	94.65
	9/26/2000		8.46	93.11
	3/27/2001		6.84	94.73
	9/27/2001		7.89	93.68
	4/8/2002		6.96	94.61
	10/2/2002		6.94	94.63
	10/31/2003		8.79	92.78
	4/19/2004		6.85	94.72
	9/20/2004		7.17	94.40
	4/26/2005		7.22	94.35
MW-2	4/10/1996	101.76	7.21	94.55
	5/23/1996		7.56	94.20
	6/21/1996		7.61	94.15
	8/6/1996		7.99	93.77
	1/9/1997		7.84	93.92
	6/24/1997		7.99	93.77
	10/3/1997		7.75	94.01
	3/12/1998		7.76	94.00
	9/29/1998		8.10	93.66
	3/30/1999		7.51	94.25
	9/8/1999		7.97	93.79
	3/1/2000		7.88	93.88
	9/26/2000		8.25	93.51
	3/27/2001		7.86	93.90
	9/27/2001		7.99	93.77
	4/8/2002		8.36	93.40
	10/2/2002		8.04	93.72
	10/31/2003		8.35	93.41
	4/19/2004		7.79	93.97
	9/20/2004		7.83	93.93
	4/26/2005		8.10	93.66
MW-3	4/10/1996	101.37	7.81	93.56
	5/23/1996		8.00	93.37
	6/21/1996		8.11	93.26
	8/6/1996		8.13	93.24
	1/9/1997		8.07	93.30
	6/24/1997		8.28	93.09
	10/3/1997		7.47	93.90
	3/12/1998		8.04	93.33
	9/29/1998		8.08	93.29
	3/30/1999		7.92	93.45
	9/8/1999		7.85	93.52
	3/1/2000		8.00	93.37
	9/26/2000		7.91	93.46
	3/27/2001		7.78	93.59
	9/27/2001		7.61	93.76
	4/8/2002		8.43	92.94
	10/2/2002		8.31	93.06
	10/31/2003		8.28	93.09
	4/19/2004		8.39	92.98
	9/20/2004		8.14	93.23
	4/26/2005		8.28	93.09

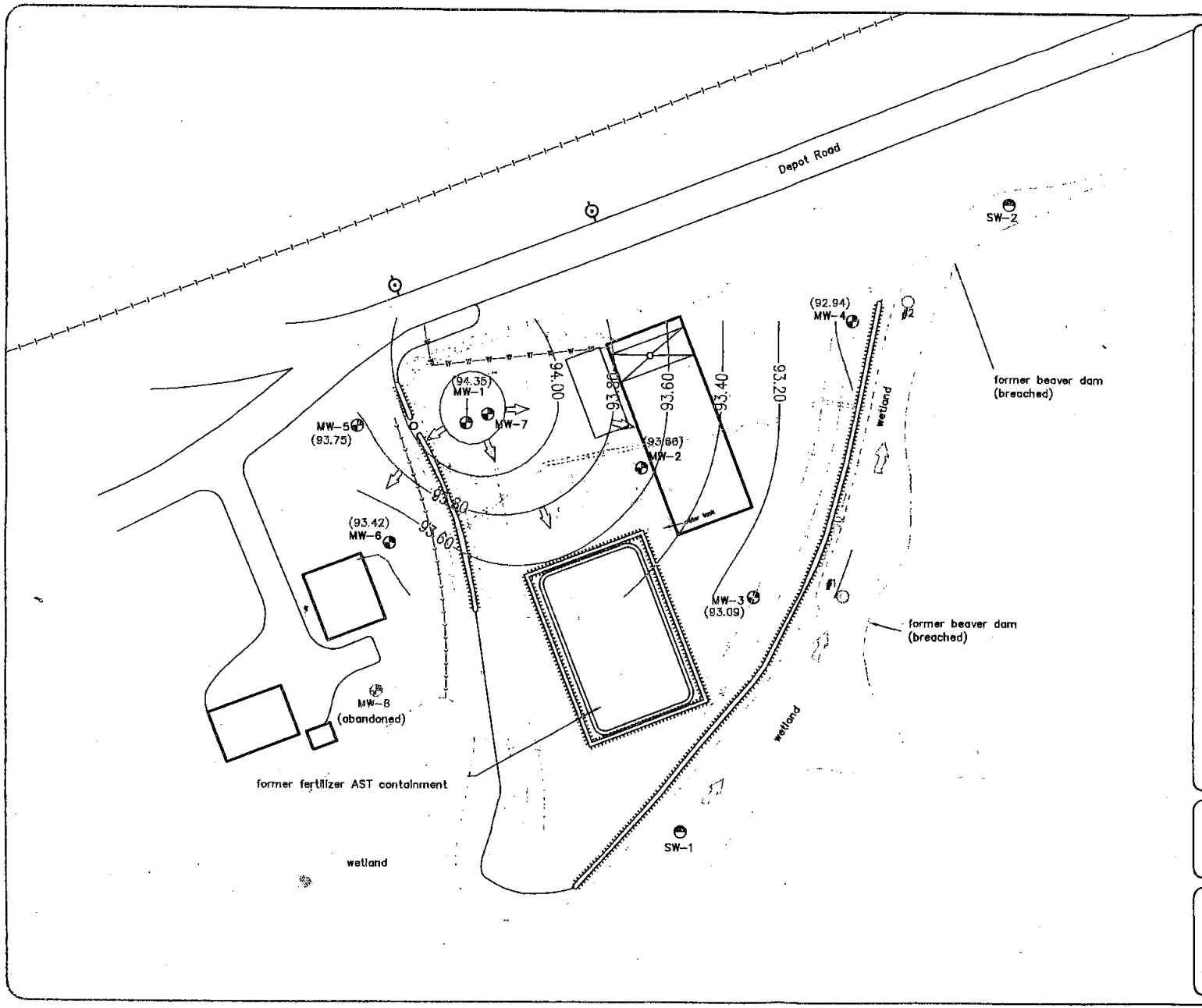
TABLE 1 (continued)
GROUNDWATER AND SURFACE WATER ELEVATION DATA
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

Monitoring Point	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW-4	4/10/1996	99.47	5.65	93.82
	5/23/1996		5.82	93.65
	6/21/1996		5.71	93.76
	8/6/1996		6.06	93.41
	1/9/1997		6.08	93.39
	6/24/1997		5.91	93.56
	10/3/1997		5.85	93.62
	3/12/1998		6.04	93.43
	9/29/1998		6.05	93.42
	3/30/1999		5.95	93.52
	9/8/1999		5.82	93.65
	3/1/2000		5.93	93.54
	9/26/2000		6.12	93.35
	3/27/2001		5.92	93.55
	9/27/2001		5.67	93.80
	4/8/2002		6.52	92.95
	10/2/2002		6.14	93.33
	10/31/2003		6.30	93.17
	4/19/2004		6.05	93.42
	9/20/2004		6.25	93.22
	4/26/2005		6.53	92.94
MW-5	6/21/1996	98.17	4.23	93.94
	8/6/1996		4.16	94.01
	1/9/1997		3.88	94.29
	6/24/1997		4.88	93.29
	10/3/1997		4.35	93.82
	3/12/1998		4.36	93.81
	9/29/1998		4.69	93.48
	3/30/1999		4.16	94.01
	9/8/1999		4.62	93.55
	3/1/2000		4.25	93.92
	9/26/2000		5.21	92.96
	3/27/2001		4.21	93.96
	9/27/2001		4.8	93.37
	4/8/2002		4.35	93.82
	10/2/2002		3.97	94.20
	10/31/2003		4.59	93.58
	4/19/2004		4.00	94.17
	9/20/2004		4.35	93.82
	4/26/2005		4.42	93.75
MW-6	6/21/1996	97.10	3.23	93.87
	8/6/1996		3.18	93.92
	1/9/1997		3.01	94.09
	6/24/1997		3.85	93.25
	10/3/1997		3.37	93.73
	3/12/1998		3.41	93.69
	9/29/1998		3.73	93.37
	3/30/1999		3.18	93.92
	9/8/1999		3.70	93.40
	3/1/2000		3.28	93.82
	9/26/2000		4.15	92.95
	3/27/2001		3.27	93.83
	9/27/2001		3.71	93.39
	4/8/2002		3.36	93.74
	10/2/2002		1.85	95.25
	10/31/2003		3.73	93.37
	4/19/2004		3.32	93.78
	9/20/2004		3.60	93.50
	4/26/2005		3.68	93.42

TABLE I (continued)
GROUNDWATER AND SURFACE WATER ELEVATION DATA
Federated Co-ops, Inc.
Osceola, Wisconsin
Summit Project No. 0604-001

Monitoring Point	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW-7	8/6/1996	99.42	8.50	90.92
	1/9/1997		8.33	91.09
	6/24/1997		8.64	90.78
	10/3/1997		11.47	87.95
	3/12/1998		11.81	87.61
	9/29/1998		11.73	87.69
	3/30/1999		11.77	87.65
	9/8/1999		11.60	87.82
	3/1/2000		11.86	87.56
	9/26/2000		12.18	87.24
	3/27/2001		12.12	87.30
	9/27/2001		11.72	87.70
	4/8/2002		11.96	87.46
	10/2/2002		11.47	87.95
	10/31/2003		11.45	87.97
	4/19/2004		11.70	87.72
	9/20/2004		11.60	87.82
	4/26/2005		12.62	86.80
MW-8	8/6/1996	96.32	3.04	93.28
	1/9/1997		3.03	93.29
	6/24/1997		3.55	92.77
	10/3/1997		3.27	93.05
	3/12/1998		3.35	92.97
	9/29/1998		3.59	92.73
	3/30/1999		3.10	93.22
	9/8/1999		3.53	92.79
	3/1/2000		3.11	93.21
	9/26/2000		3.87	92.45
	3/27/2001		3.17	93.15
	9/27/2001		3.46	92.86
	4/8/2002		3.16	93.16
	10/2/2002		3.18	93.14
	Abandoned on 11/6/02			
SG-1	6/21/1996	94.93	2.11	92.82
	8/6/1996		2.13	92.80
	1/9/1997		2.10	92.83
	6/24/1997		1.89	93.04
	10/3/1997		1.06	93.87
	3/12/1998		1.93	93.00
	9/29/1998		1.74	93.19
	3/30/1999		1.84	93.09
	9/8/1999		1.58	93.35
	3/1/2000		1.77	93.16
	9/26/2000		1.61	93.32
	3/27/2001		1.49	93.44
	9/27/2001		1.11	93.82
	*4/8/2002		DRY	
	*10/2/02		DRY	
	*4/25/2003		DRY	
	*10/31/2003		DRY	
	*4/19/2004		DRY	
	*9/20/2004		DRY	
	*4/26/2005		DRY	
SG-2	6/21/1996	94.79	2.10	92.69
	8/6/1996		2.13	92.66
	1/9/1997		2.12	92.67
	6/24/1997		1.99	92.80
	10/3/1997		1.92	92.87
	3/12/1998		1.85	92.94
	9/29/1998		1.78	93.01
	3/30/1999		1.77	93.02
	9/8/1999		1.62	93.17
	3/1/2000		1.69	93.10
	9/26/2000		1.55	93.24
	3/27/2001		1.78	93.01
	9/27/2001		1.12	93.67
	*4/8/2002		DRY	
	*10/2/02		DRY	
	*4/25/2003		DRY	
	*10/31/2003		DRY	
	*4/19/2004		DRY	
	*9/20/2004		DRY	
	*4/26/2005		DRY	

Notes: Depths are measured in feet below top of casing
SG-1 = Staff gauge one
SG-2 = Staff gauge two
* The level of the creek was below the base of the staff gauges.



LEGEND

- power pole
- staff gauge
- curb or edge of pavement
- railway
- drainage ditch
- culvert
- planted tree row number 4
- former above ground tank
- above ground tank
- concrete containment
- water
- berm
- building
- telephone line
- water line
- surface water sampling location
- monitoring well
- stream flow direction
- approximate groundwater flow direction
- groundwater contour
- (92.95) groundwater elevation in well

0' 50'
SCALE: 1"=50'

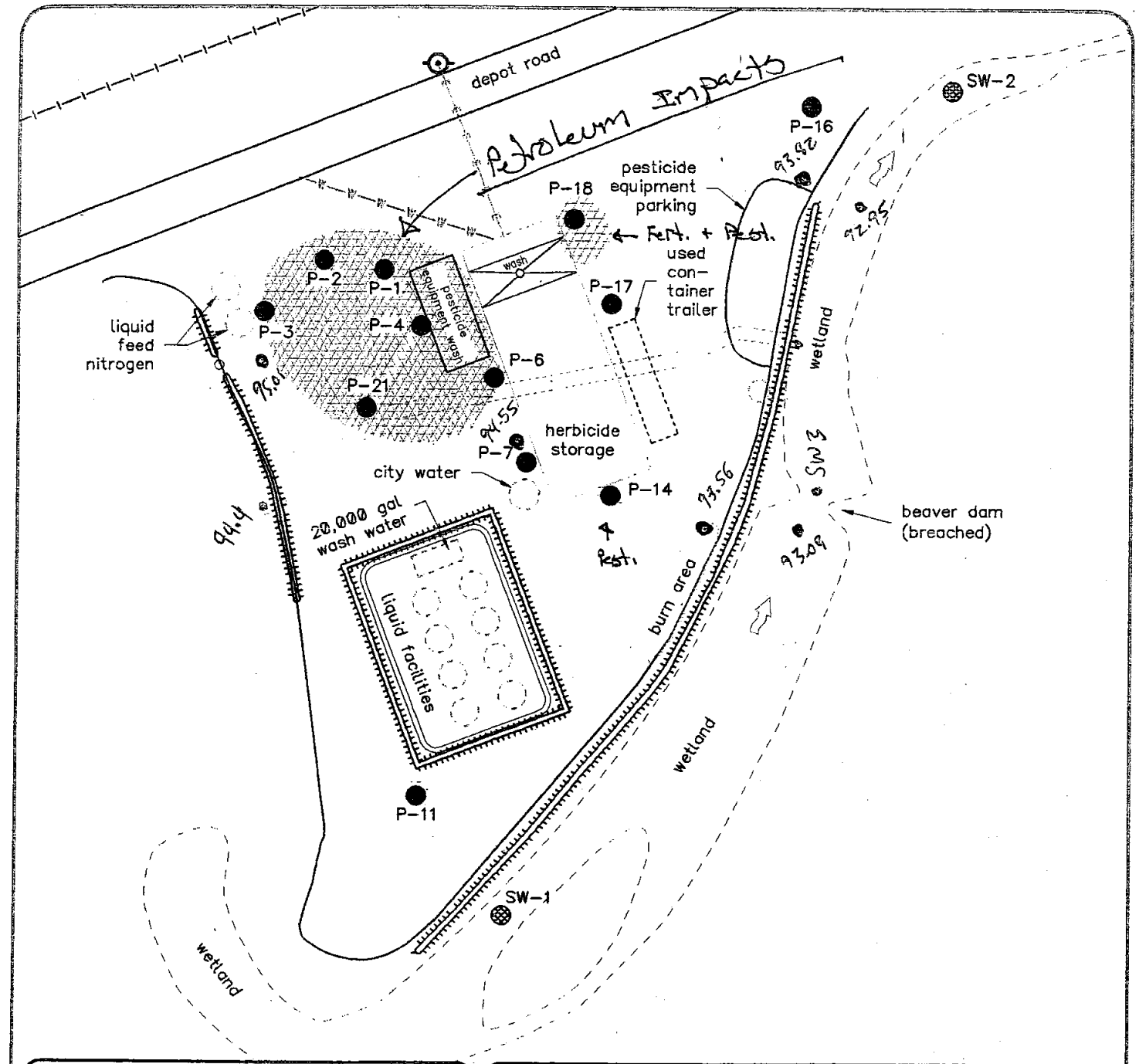
N

GROUNDWATER ELEVATION CONTOUR MAP
04/26/2005
FEDERATED CO-OPS, INC.
OSCEOLA, WISCONSIN

Summit Envirosolutions ®

FIGURE 4

AutoCAD File:	20050426GW.dwg
Summit Proj. No:	0604-001
Plot Date:	05/26/05
CAD Operator:	PRB/JLT
Reviewed by:	MDH



LEGEND

- Geoprobe test probe
- power pole
- surface water sampling location
- electric line
- curb
- railway
- water line
- culvert
- above ground tank
- active surface water flow (6-25-93)
- water
- berm
- building
- pesticides
- fertilizers
- petroleoum

N

0' 60'

SCALE: 1"=60'

NOTES

1. Map adapted from TCT site drawing dated December 9, 1993.

Summit Envirosolutions

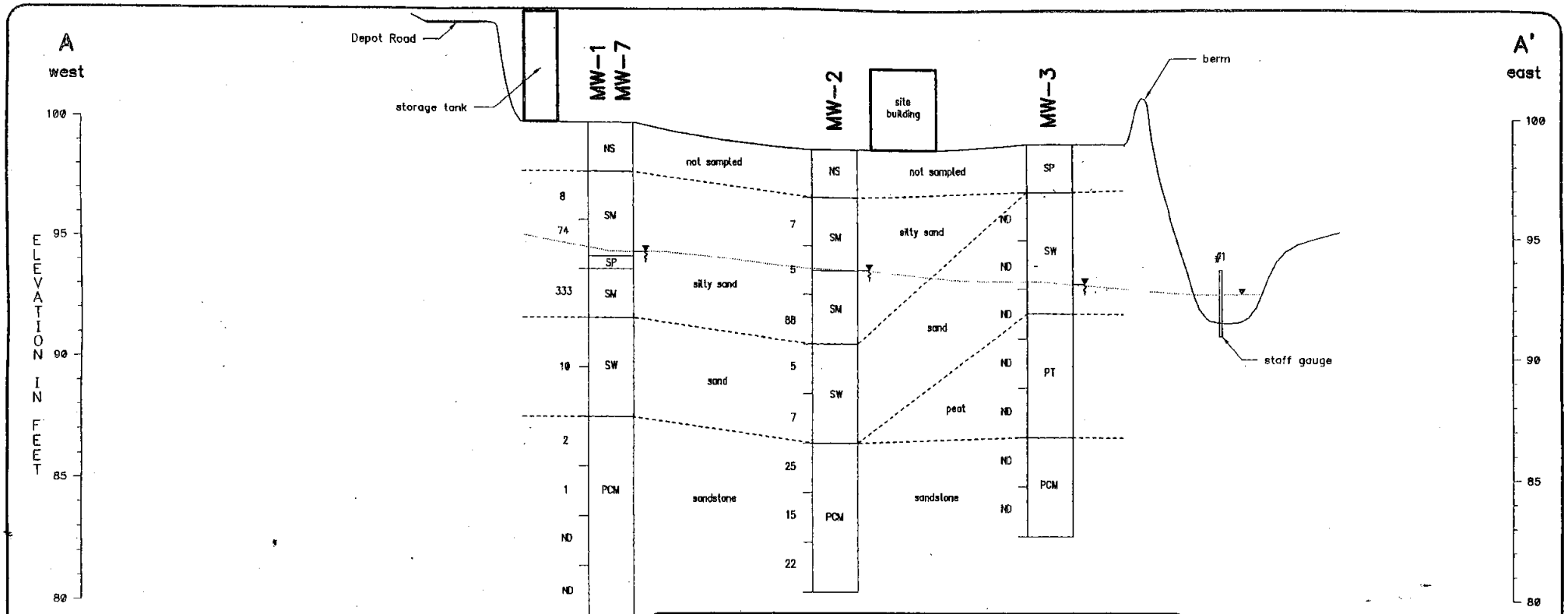
AutoCAD File:	942180L3
Summit Proj. No:	942180
Plot Date:	11-29-1995
CAD Operator:	AN
Reviewed by:	JTH

FIGURE 1

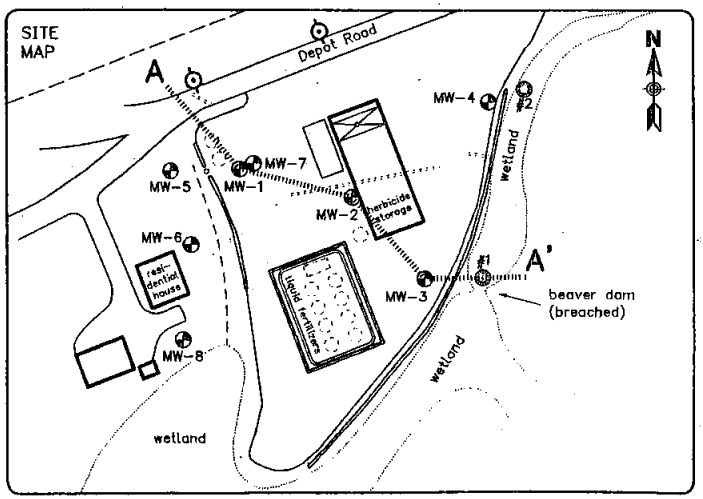
APPROXIMATE EXTENT OF AFFECTED SOIL

CENTRAL RIVERS COOPERATIVE

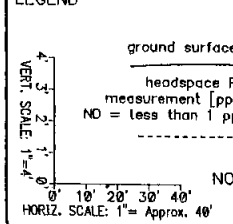
OSCEOLA, WISCONSIN



Elevations from local datum.
Local datum: 100.00 ft. = northeast corner of pesticide equipment wash pad.



LEGEND



NOTES
1. Exact lithologic contacts between the test boring locations may be different than presented.
2. Groundwater elevation measurements collected August 6, 1996.

Vertical Exaggeration = ~10x

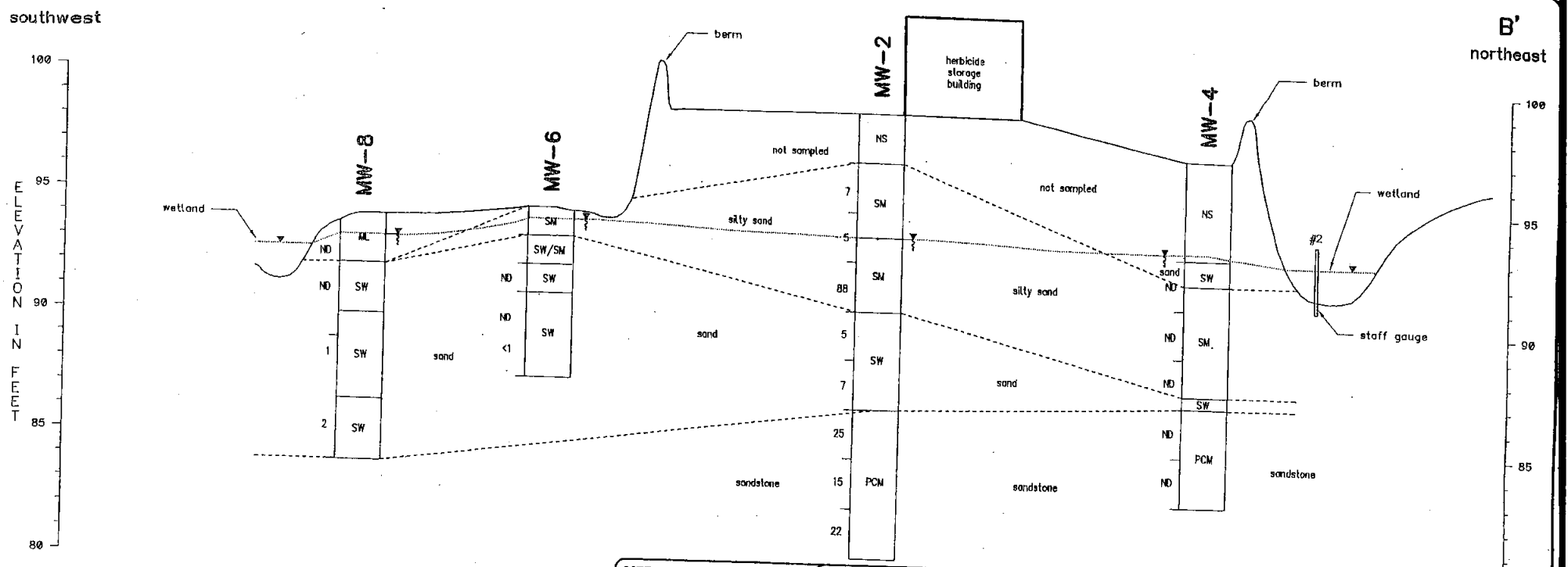
GENERALIZED GEOLOGIC CROSS SECTION A-A'

CENTRAL RIVERS COOPERATIVE
OSCEOLA, WISCONSIN

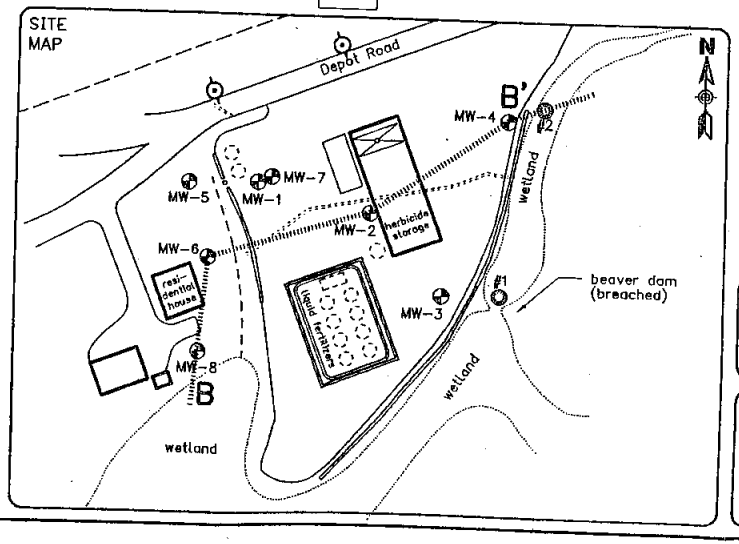
Summit Envirosolutions

FIGURE 3

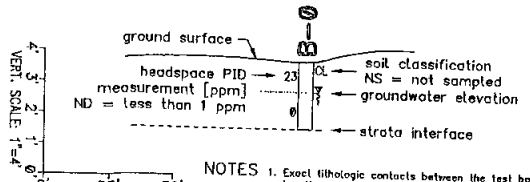
AutoCAD File:	942180DW
Summit Proj. No:	942180
Plot Date:	10-11-1996
CAD Operator:	DMW
Reviewed by:	JTH



Elevations from local datum.
Local datum: 100.00 ft. = northeast corner of pesticide equipment wash pad.



LEGEND



Vertical Exaggeration = ~12.5x

NOTES
1. Exact lithologic contacts between the test boring locations may be different than presented.
2. Groundwater elevation measurements collected August 6, 1996.

GENERALIZED GEOLOGIC CROSS SECTION B–B'

CENTRAL RIVERS COOPERATIVE
OSCEOLA, WISCONSIN

Summit Envirosolutions®

FIGURE 4

AutoCAD File:	942180DM
Summit Proj. No:	942180
Plot Date:	10-11-1996
CAD Operator:	DMW
Reviewed by:	JTH

Document Number	Document Title
	Deed Restriction

POLK COUNTY, WISCONSIN
Received for record this
7th day of December
AD 2005 at 02:37 PM
and recorded in
Volume 981
of records Page 990
Document Number: 709732

Laurie Anderson
Laurie Anderson
Register of Deeds

Recording Area

Name and Return Address

Federated Co-ops, Inc
502 South Second Street
Princeton, Mn. 55371

#165-0059-0000

Parcel Identification Number (PIN)

This information must be completed by submitter: document title, name & return address, and PIN (if required). Other information such as the granting clause, legal description, etc., may be placed on this first page of the document or may be placed on additional pages of the document. Note: Use of this cover page adds one page to your document and $2.00 to the recording fee. Wisconsin Statutes, 59.43(2m). WRDA HB Rev. 1/8/2004

17

Document Number	DEED RESTRICTION

Declaration of Restrictions

That part of the West 260 feet of Outlot 160 of the Village of Osceola that lies West of the stream which flows through said Outlot.

Recording Area

Name and Return Address:

Federated Co-ops, Inc.
502 South Second Street
Princeton, MN 55371

#165-00579-0000.
Parcel Identification Number (Pin)

STATE OF WISCONSIN)
) ss
COUNTY OF Polk)

WHEREAS, Chisago Lakes Co-operative Association is the owner of the above-described Property.

WHEREAS, one or more petroleum and agricultural fertilizer and pesticide discharges have occurred at this Property. As of April 1996 (petroleum parameters), and March 2003 (agricultural fertilizers and pesticides), soil with pesticides and/or total nitrogen concentrations exceeding the site-specific residual soil contaminant level (RCL) remained at the site in the locations and concentrations shown in Exhibit A.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Wisconsin Department of Natural Resources (WDNR) to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch NR81 and ch. NR812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, 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 limitation and restrictions:

Structural impediments existing at the time of clean-up [pesticide storage building and wash pad] made complete investigation and remediation of the soil contamination on this property impracticable. If the structural impediments on this property that are described above are removed,

the property owner shall conduct an investigation of the degree and extent of petroleum, fertilizer, and pesticide contamination to soil. To the extent that contamination is found at that time, the WDNR and the Department of Agriculture, Trade and Consumer Protection (DATCP) shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If currently inaccessible soil near or beneath the structural impediments on the property is excavated in the future, the soil must be sampled and analyzed, may be considered solid or hazardous waste if residual contamination remains and must be stored, treated and disposed in compliance with applicable statutes and rules. Anyone who proposes to construct or reconstruct as 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 requirements are applicable, prior to constructing or reconstruct-ing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property weather by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the DATCP or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the DATCP shall determine whether or not the restrictions contained herein can be extinguished. 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 groundwater use restriction is no longer binding.

By signing this document, Tim Kavanaugh asserts that he or she is duly authorized to sign this document on behalf of Chisago Lakes Co-operative Association.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 1st day of December 2005.

Signature: Tim Kavanaugh
Printed Name: Tim Kavanaugh Gen MGR

Subscribed and sworn to before me
This 1st day of December, 2005.

Notary Public, State of MN
My commission Dawn Meelberg

This document was drafted by Summit Envirosolutions, Inc.

DAWN MEELBERG
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31, 2010

Exhibit A

709732

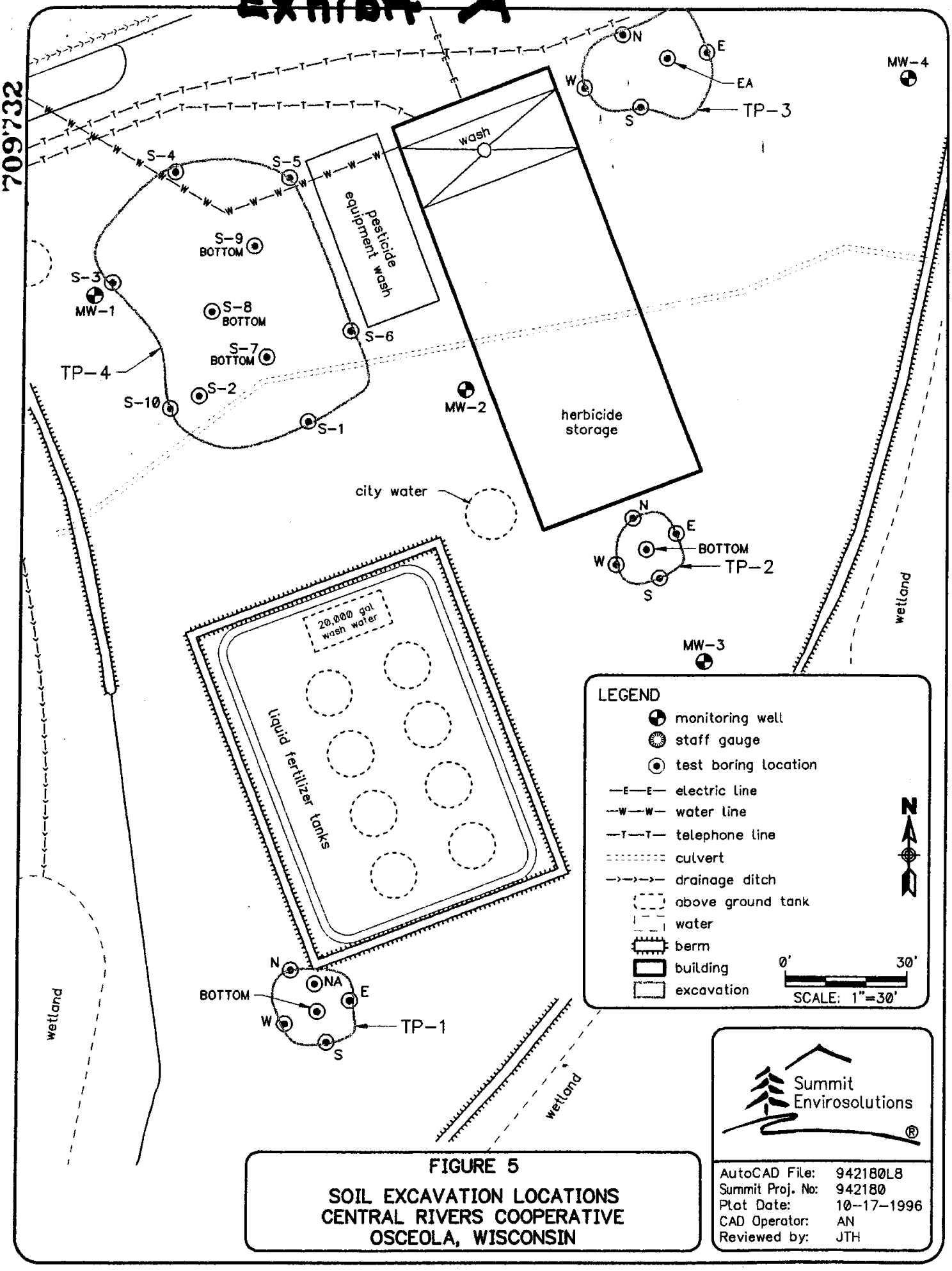


FIGURE 5

SOIL EXCAVATION LOCATIONS
CENTRAL RIVERS COOPERATIVE
OSCEOLA, WISCONSIN

FEDERATED CO-OPS Inc.

Albertville
Annandale
Braham
Buckman
Cambridge
Chisago City
Danbury, WI
Elk River
Foley
Glen
Gordon, WI
Hinckley
Isanti
Isle
Little Falls
McGrath
Mora
Ogilvie
Osceola, WI
Pease
Pine City
Princeton
Rock Creek
Rush City
Sandstone
Scandia
St. Michael
St. Cloud

To Whom It May Concern:

In regards to outlot 159 this was an original lot owned by the Co-op and they purchased a small piece contained in outlot 160. At a later date outlot 160 was purchased. Unfortunately, the first parcel of 160 was just attached to 159 instead of having its own lot number. The description of the property is accurate although confusing.

All of the petroleum impacts as far as all of the information we have indicates that the problem is with outlot 160 and 159 is clean. If in the future outlot 159 is ever sold we will not sell the part of 159 that is next to 160. That piece will remain with 160.

I hope this helps answer any questions regarding this property. Feel free to call me on my cell phone with any questions 763-286-2285. My email address is mmelberg@federatedcoops.com.

Thank you,

Michael Meelberg
Operations Manager

502 South 2nd Street • Princeton, MN 55371
Phone 763-389-2582 • 763-444-6645 • Fax 763-444-8331