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

- For DNR County and Region list go to:
  g:\pf\pecfa\site\gis\BRRTS County and Region Codes.xls
- To begin, click on cell to the right of; *This is a:*
- Use Tab, ↓ or Pg Down to navigate form. Print & include with file when completed.

This is a:	New Submittal
BRRTS ID (no dashes):	**0345001384**
Comm # (no dashes):	54140132609
County:	Outagamie
Region:	Northeast
Site name:	Van's Oil Company
Street Address:	309 E North Rd
City:	Little Chute
Final Closure Date	2002-07-02
Closure Conditions:	met
Off-source property contamination?	No
(If yes, attach locational data and deed information on pg. 2)	
Right-of-way contamination?	No
Contaminated media:	Groundwater

GPS Coordinates (meters in the **WTM91** projection)

Easting (X):	654626.000000000
Northing (Y):	425056.000000000
Collection Method:	DNR Web Site
Scale or Resolution:	1:2,733
(1:24,000 scale or finer)	("1:" and comma is default)
Prepared by:	Beth Erdman
Submitted by:	Cheryl Nelson

Source Property Checklist

- ☒ Final Closure Letter
- ☒ Copy of the most recent deed, which includes legal description for all properties w/ GW > NR 140 ES
- ☐ Where the legal description in the deed(s) refers to a certified survey map or recorded plat map, include those documents
- ☒ Parcel ID for all properties w/ GW > NR 140 ES
- ☒ General Location Map
- ☒ Detailed Location Map showing property boundaries, buildings, MW(s) and/or potable wells etc for properties with GW >NR140 ES
- ☐ Latest Map(s) showing extent or outline of current GW plume (isoconcentrations)
- ☒ Map showing GW flow direction
- ☒ Latest Table of GW results
- ☐ Geologic cross section (if generated as part of the site investigation)
- ☐ Statement signed by RP certifying correctness of legal descriptions
- ☒ Updated Database

ENVIRONMENTAL & REGULATORY SERVICES
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Scott McCallum, Governor
Philip Edw. Albert, Secretary

Wisconsin
Department of Commerce

July 2, 2002

Mr. Chuck VanZeeland
Van's Oil Company
PO Box 208
Little Chute, WI 54140

RE: **Final Closure**

Commerce # 54140-1326-09 WDNR BRRTS # 03-45-001384
Van's Oil Company, 309 E. North Road, Little Chute

Dear Mr. VanZeeland:

This letter acknowledges receipt of the information requested in the Wisconsin Department of Commerce's (Commerce) PECFA Site Review Section August 9, 2000 conditional closure letter. On January 9, 2001, Commerce received the monitoring well abandonment forms. On July 2, 2002, Commerce received a copy of the recorded soil deed affidavit and groundwater use restriction. Please note that Commerce is making no determination as to the accuracy of the legal description information.

This site is now listed as "closed" on the Commerce database and has been included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual groundwater contamination above NR 140 Wisconsin Administrative Code enforcement standards. It is in your best interest to keep all documentation related to the investigation and remediation of your site.

If future site conditions indicate that any remaining contamination poses a threat, and subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility. If contamination is encountered, appropriate measures must be implemented to assure any residual contamination is managed following all applicable State of Wisconsin regulations and standards.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 303-5410.

Sincerely,

Beth A. Erdman

Beth A. Erdman
Hydrogeologist
Site Review Section

cc: Mark Magee-STS Consultants, Ltd.
Case File

1455369

Document Number

NOTICE OF CONTAMINATION TO PROPERTY

2691

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

FEB 28 2002

AT 11:55 O'CLOCK A.M. ~~P.M.~~
JANICE FLENZ
REGISTER OF DEEDS

Recording Area

Name and Return Address
VAN ZEELAND OIL CO, INC
127 E. MAIN ST.
LITTLE CHUTE, WI. 54140

ENVELOPE

pd 15.00

Legal Description of the Property: In re:

SEE EXHIBIT "A" ATTACHED

OO STATION

26-0-1012-00-1

Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF)

Section 1. VANS OIL CO, INC. is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property. Benzene and MtBE contaminated groundwater above NR 140 enforcement standards and soils above NR 720 residual contaminant levels of the Wisconsin Administrative Code exist(s) on this property.

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

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

Also,

Residual petroleum contaminated soil remains on this site. Natural attenuation is the approved remedial alternative for this site. If contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable laws.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be

ɔrmined in accordance with the site specific standards, rules and laws for this property. If the Department determines ,iat the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property has executed this document, this 28th day of February 2002.

[When appropriate use the following clause]:

By signing this document, [he/she] acknowledges that [he/she] is duly authorized to sign this document on behalf of VAN'S OIL CO. INC.:

Signature: Daniel F. Van Zeeland

Printed Name: DANIEL F. VAN ZEELAND

Title: Vice President

Subscribed and sworn to before me
this 28 day of FEBRUARY 20 02

Gary K Streich

Notary Public, State of WISCONSIN
My commission 3-17-2002

NOTARY PUBLIC
GARY K STREICH
STATE OF WISCONSIN

This document was drafted by the Wisconsin Department of Commerce.

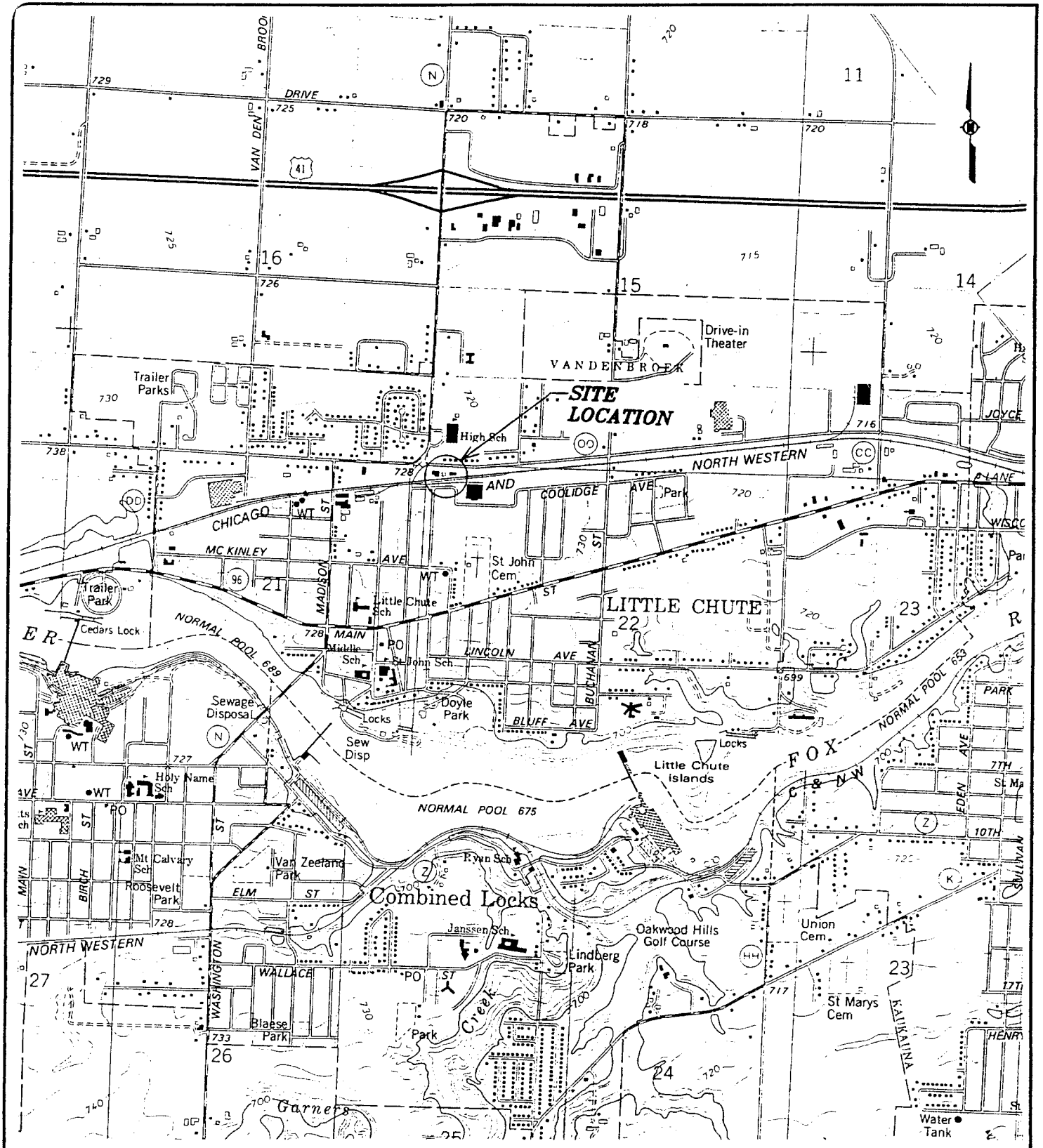
EXHIBIT "A"
LOT# 26-0-1012-00-1

A parcel of land located in part of Lots 4 and 5, Block 59, according to the recorded 1917 assessor's map of the Village of Little Chute, Outagamie County, Wisconsin, more fully described as follows:

Commencing at the southeast corner of Said Lot 4; thence S.79°52'40"W. (recorded as westerly) along the northerly line of the C.&N.W. R.R. Company right-of-way line, 121.07 feet to the point of beginning.

Thence continuing S.79°52'40"W. (recorded as westerly) along the northerly line of said railroad right-of-way line, 362.18 feet to its intersection with southeasterly vision corner right-of-way line of C.T.H.-"OO" and C.T.H.-"N" (Depot Street); thence N.43°12'30"E. Along said right-of-way line, 198.63 feet (recorded as northeasterly, 196.5 feet) to its intersection with the southerly right-of-way line of C.T.H.-"OO"; thence N.88°13'00"E. along said right-of-way line, 216.85 feet to a point that is S.88°13'00"W. and 120.00 feet distant from the east line of said Lot 4, Block 59; thence S.2°28'20"E. parallel with the east line of said Lot 4, 87.98 feet to the point of beginning.

Said parcel of land containing 0.71 acres more or less.
Subject to all easements and restrictions of record.

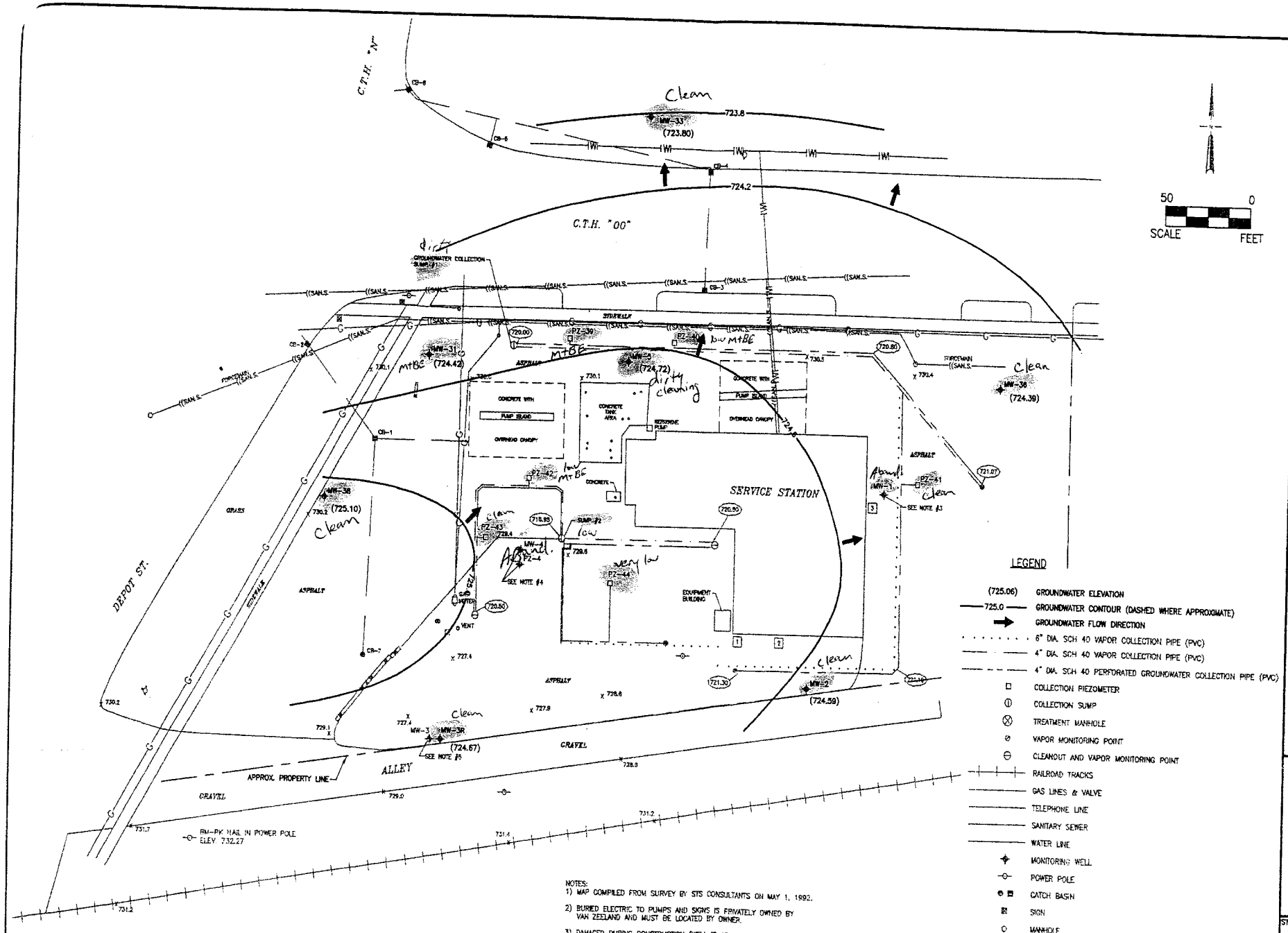


STS Consultants Ltd.
Consulting Engineers

VAN ZEELAND DISCOUNT TIRE AND AUTO PROPERTY
SITE LOCATION DIAGRAM
LITTLE CHUTE, WISCONSIN

DRAWN BY	RAB	1-18-99
CHECKED BY	MWM	1-18-99
APPROVED BY		
CADFILE G411001.dwg	SCALE 1"=2000'	
STS PROJECT NO. 19110WA	FIGURE NO. 1	

G411001.dwg 08/23/1999 12:02



NOTES:
1) MAP COMPILED FROM SURVEY BY STS CONSULTANTS ON MAY 1, 1992.
2) BURIED ELECTRIC TO PUMPS AND SIGNS IS PRIVATELY OWNED BY VAN ZEELAND AND MUST BE LOCATED BY OWNER.
3) DAMAGED DURING CONSTRUCTION (WELL IS ABANDONED).
4) DAMAGED DURING CONSTRUCTION (WELL WAS ABANDONED (5-20-97)
5) DAMAGED DURING SNOW REMOVAL (WELL WAS ABANDONED AND REPLACED WITH MW-3R ON 5-20-97)

DRAWN BY RAB DATE 12-23-98
CHECKED BY MWM DATE 12-23-98
APPROVED BY DATE
CADFILE W:\DWG99\19110\G41100W3.DWG

VAN ZEELAND DISCOUNT TIRE AND AUTO
LITTLE CHUTE, WISCONSIN
SITE LAYOUT
AND GROUNDWATER CONDITIONS (12-1-98)

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO. 19110WA
STS PROJECT FILE
SCALE 1"= 50'
FIGURE NO. 3

Table 1
Summary of Monitoring Well Water Table Elevations
Van Zeeland Discount Tire and Auto
Little Chute, Wisconsin

Well ID	Top Of Screen Elev.	Screen Length	TPVC Elev.	Ground Surface Elev.	Date	Depth To Water	Ground Water Elev.
MW-2	723.2	10	729.24	729.4	02/19/97	----	----
					06/03/97	4.35	724.89
					09/03/97	3.86	725.38
					11/19/97	4.68	724.56
					12/01/98	4.65	724.59
MW-3R	726.0	10	728.13	728.5	06/03/97	2.38	725.75
					09/03/97	2.16	725.97
					11/19/97	3.07	725.06
					12/01/98	3.46	724.67
MW-5	725.6	10	729.54	729.9	02/19/97	5.28	724.26
					06/03/97	4.22	725.32
					09/03/97	4.63	724.91
					11/19/97	4.94	724.60
					12/01/98	4.82	724.72
MW-31	728.7	10	729.79	730.2	02/19/97	5.78	724.01
					06/03/97	4.82	724.97
					09/03/97	5.03	724.76
					11/19/97	5.33	724.46
					12/01/98	5.37	724.42
MW-33	728.0	10	729.19	730.1	02/19/97	3.33	725.86
					06/03/97	4.78	724.41
					09/03/97	4.40	724.79
					11/19/97	5.20	723.99
					12/01/98	5.39	723.80
MW-36	728.3	10	729.98	730.3	02/19/97	5.56	724.42
					06/03/97	4.81	725.17
					09/03/97	4.82	725.16
					11/19/97	5.55	724.43
					12/01/98	5.59	724.39
MW-38	728.2	10	729.83	730.2	02/19/97	6.07	723.76
					06/03/97	3.77	726.06
					09/03/97	3.86	725.97
					11/19/97	5.02	724.81
					12/01/98	4.73	725.10

Note: All measurements are recorded in feet

Table 1A
Summary of Piezometer Well Water Table Elevations
Van Zeeland Discount Tire and Auto
Little Chute, Wisconsin

Well ID	Top Of Screen Elev.	Screen Length	TPVC Elev.	Ground Surface Elev.	Date	Depth To Water	Ground Water Elev.
PZ-4	706.7	2	729.43	730.08	02/19/97	1.73 Froze	----
Damaged during remediation system construction, abandoned 5/20/97							
PZ-39	711.3	5	729.06	729.92	02/19/97	4.67	724.39
					06/03/97	4.10	724.96
					09/03/97	4.15	724.91
					11/19/97	4.41	724.65
					12/01/98	4.48	724.58
PZ-40	711.8	5	729.49	730.16	02/19/97	----	----
					06/03/97	4.58	724.91
					09/03/97	4.61	724.88
					11/19/97	4.81	724.68
					12/01/98	4.60	724.89
PZ-41	711.7	5	729.39	729.92	02/19/97	5.94	723.45
					06/03/97	5.44	723.95
					09/03/97	5.60	723.79
					11/19/97	5.53	723.86
					12/01/98	5.91	723.48
PZ-42	711.8	5	729.52	729.99	02/19/97	5.20	724.32
					06/03/97	3.38	726.14
					09/03/97	3.40	726.12
					11/19/97	4.38	725.14
					12/01/98	4.21	725.31
PZ-43	711.4	5	729.12	729.71	02/19/97	4.98	724.14
					06/03/97	3.49	725.63
					09/03/97	3.55	725.57
					11/19/97	4.32	724.80
					12/01/98	4.25	724.87
PZ-44	711.5	5	729.22	729.79	02/19/97	----	----
					06/03/97	3.15	726.07
					09/03/97	2.54	726.68
					11/19/97	4.18	725.04
					12/01/98	2.61	726.61

Note: All measurements are recorded in feet

Table 1B
Vertical Gradient Summary
Van Zeeland Discount Tire And Auto
Little Chute, Wisconsin

VERTICAL HYDRAULIC GRADIENTS

Date	Groundwater Elevation (ft)			PZ-39 to MW-5		PZ-40 to MW-5	
	MW-5	PZ-39	PZ-40	Vertical Distance	I_v	Vertical Distance	I_v
02/19/97	724.26	724.39	--	9.23	0.014	8.68	--
06/03/97	725.32	724.96	724.91	9.76	-0.037	9.21	-0.045
09/03/97	724.91	724.91	724.88	9.55	0.000	9.01	-0.003
11/19/97	724.6	724.65	724.68	9.40	0.005	8.85	0.009
12/01/98	724.72	724.58	724.89	9.46	-0.015	8.91	0.019
Average Vertical Gradient (I_v):					-0.006		-0.005

Table 2
Summary of Groundwater Monitoring Well Analytical Test Results
Van Zeeland Discount Tire and Auto
Little Chute, Wisconsin

Date Sampled	Well ID	Benzene ug/l	Ethyl-benzene ug/l	Toluene ug/l	Total Xylene ug/l	MTBE ug/l	1,2,4-TMB ug/l	1,3,5-TMB ug/l	Sulfate mg/l	Nitrate mg/l	Dissolved Oxygen mg/l	Ferrous Iron mg/l
04/18/91	MW-1	294	78.2	12	496.3	<20	NA	NA	NA	NA	NA	NA
Abandoned during remediation system construction												
06/30/92	MW-2	2.9	1.7	1.9	<1	6.2	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	<1	<1	<1	<1	<5	<1	<1	NA	NA	NA	NA
08/09/94		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/14/96		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
06/03/97		NA	NA	NA	NA	NA	NA	NA	460	1.8	1	1
11/19/97		NA	NA	NA	NA	NA	NA	NA	76	0.96	10	1
12/01/98		<0.5	<1	<1	<2	<1	<1	<1	61.2	0.742	6	1.5
06/30/92	MW-3	<0.5	<0.5	<1	<1	<2	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	<1	<1	<1	<1	<5	<1	<1	NA	NA	NA	NA
08/09/94		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
Damaged during remediation system construction, abandoned 5/20/97 and replaced with MW-3R												
06/03/97	MW-3R	<0.21	<0.68	<1.5	<1.8	0.91	<1	<0.86	170	0.08	6	0.2
09/03/97		<0.21	<0.68	<1.5	<1.8	0.43 p	<1	<0.86	290	0.01	1	0.4
11/19/97		<0.21	<0.68	<1.5	<1.8	0.58 p	<1	<0.86	180	0.03	<1	0.1
12/01/98		<0.5	<1	<1	<2	<1	<1	<1	211	<0.3	1	<1
06/30/92	MW-4	1700	38.8	254	834	51.9	NA	NA	NA	NA	NA	NA
Damaged during remediation system construction, abandoned 5/20/97												
06/30/92	MW-5	3890	1310	947	1997	<2	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	2800	360	1400	3900	350	1300	190	NA	NA	NA	NA
08/09/94		3380	1180	287	2637	<200	1930	640	NA	NA	NA	NA
02/20/95		2190	428	319	1394	<20	685	135	NA	NA	NA	NA
08/15/95		18.6	42.6	14.6	250.8	<10	255	82.1	NA	NA	NA	NA
02/14/96		211	4590	142	26120	<10	142	153	NA	NA	NA	NA
05/15/96		30	229	7.1	2190	<27	62	26	NA	NA	NA	NA
07/30/96		34	31	<7.4	181	<4.6	20	6.9	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	20	29	4.8	102	6	22	3	NA	NA	NA	NA
02/19/97		217	222	38	1170	49	330	<9	<1	<0.007	2	4
06/03/97		620	510	111	3030	62	840	294	0.44	0.03	2	10
09/03/97		840	620	39	3900	39	1000	290	0.45	<0.002	2	10+
11/19/97		360	300	31	1600	28	500	120	1.7	<0.002	<1	6
12/01/98		<25	81	<25	683	<25	44.2	<25	2.25	<0.3	1	2

NR 140 ES	5	700	1000	620	60	480
NR 140 PAL	0.5	140	200	124	12	96

Table 2
Summary of Groundwater Monitoring Well Analytical Test Results
Van Zeeland Discount Tire and Auto
Little Chute, Wisconsin

Date Sampled	Well ID	Benzene ug/l	Ethyl-benzene ug/l	Toluene ug/l	Total Xylene ug/l	MTBE ug/l	1,2,4-TMB ug/l	1,3,5-TMB ug/l	Sulfate mg/l	Nitrate mg/l	Dissolved Oxygen mg/l	Ferrous Iron mg/l
06/30/92	MW-31	<0.5	<0.5	<1	<1	59.8	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	<1	<1	<1	<1	57	<1	<1	NA	NA	NA	NA
08/09/94		<0.5	<1	<2	<2	43.6	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	47.6	<1	<1	NA	NA	NA	NA
02/14/96		<0.5	<1	<2	1.31	45.6	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	29	<1.7	<0.9	NA	NA	NA	NA
02/19/97		<0.5	<0.6	<0.6	<2.2	34	<1.7	<0.9	4	<0.007	<1	6
06/03/97		<0.21	<0.68	<1.5	<1.8	66	<1	<0.86	43	<0.006	10	10+
09/03/97		<0.21	<0.68	<1.5	<1.8	190	<1	<0.86	9.1	<0.002	<1	10+
11/19/97		<0.21	<0.68	<1.5	<1.8	110	<1	<0.86	11	<0.002	<1	10
12/01/98		<0.5	<1	<1	<2	69.9	<1	<1	3.84	<0.3	2	10+
06/30/92	MW-33	<0.5	<0.5	<1	<1	<2	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	<1	<1	<1	<1	<5	<1	<1	NA	NA	NA	NA
08/09/94		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/14/96		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
02/19/97		<0.5	<0.6	<0.6	<2.2	<0.92	<1.7	<0.9	250	1.1	3	0.1
06/03/97		<0.21	<0.68	<1.5	<1.8	<0.21	<1	<0.86	250	0.37	2	0.1
09/03/97		<0.21	<0.68	<1.5	<1.8	<0.21	<1	<0.86	370	0.02	2	0.2
11/19/97		<0.21	<0.68	<1.5	<1.8	<0.21	<1	<0.86	300	0.01	3	0.1
12/01/98		<0.5	<1	<1	<2	<1	<1	<1	360	<0.3	4	<1
06/30/92	MW-36	<0.5	<0.5	<1	<1	<2	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	<1	<1	<1	<1	<5	<1	<1	NA	NA	NA	NA
08/09/94		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/14/96		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
02/19/97		<0.5	<0.6	<0.6	<2.2	<0.92	<1.7	<0.9	110	7.6	6	0.1
06/03/97		NA	NA	NA	NA	NA	NA	NA	140	11	10	0.1
11/19/97		NA	NA	NA	NA	NA	NA	NA	110	5.2	2	0.2
12/01/98		<0.5	<1	<1	<2	<1	<1	<1	179	4.19	2	<1
06/30/92	MW-38	<0.5	<0.5	<1	<1	<2	NA	NA	NA	NA	NA	NA
08/26/93	Start remed. 5/3/93	<1	<1	<1	<1	<5	<1	<1	NA	NA	NA	NA
08/09/94		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
02/14/96		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
06/03/97		NA	NA	NA	NA	NA	NA	NA	84	0.06	2	4
11/19/97		NA	NA	NA	NA	NA	NA	NA	1.4	<0.002	4	10
12/01/98		<0.5	<1	<1	<2	<1	<1	<1	3.99	<0.3	<1	10+
NR 140 ES		5	700	1000	620	60	480					
NR 140 PAL		0.5	140	200	124	12	96					

Summaary of Groundwater Analytical Test Results
Van Zeeland Discount Tire and Auto
Little Chute, Wisconsin

Date Sampled	Well ID	Benzene ug/l	Ethyl-benzene ug/l	Toluene ug/l	Total Xylene ug/l	MTBE ug/l	1,2,4-TMB ug/l	1,3,5-TMB ug/l	Sulfate mg/l	Nitrate mg/l	Dissolved Oxygen mg/l	Ferrous Iron mg/l
08/26/93	PZ-4	<10	<10	<10	<30	<50	27	62	NA	NA	NA	NA
Damaged during remediation system construction, abandoned 5/20/97												
08/26/93	PZ-39	<1	<1	<1	<3	27	<1	<1	NA	NA	NA	NA
08/09/94	Start remed. 5/3/93	<0.5	<1	<2	<2	597	<1	<1	NA	NA	NA	NA
02/20/95		<0.5	<1	<2	<2	1200	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	2150	<1	<1	NA	NA	NA	NA
05/15/96		<0.5	<0.6	<0.6	<1.7	1710	<1.7	<0.9	NA	NA	NA	NA
07/30/96		<25	<30	<74.2	<85	2190	<85	<45	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	2180	<1.7	<0.9	NA	NA	NA	NA
02/19/97		<0.5	<0.6	<0.6	<2.2	2800	<1.7	<0.9	41	<0.007	2	2
06/03/97		<0.21	<0.68	<1.5	<1.8	2000	<1	<0.86	27	0.05	2	0.8
09/03/97		<0.21	<0.68	<1.5	<1.8	2400	<1	<0.86	46	0.007	2	1
11/19/97		<0.21	<0.68	<1.5	<1.8	2100	<1	<0.86	38	0.05	5	0.2
12/01/98		<0.5	<1	<1	<2	2710	<1	<1	44.4	<0.3	<1	3
08/26/93	PZ-40	<1	<1	<1	<3	39	<1	<1	NA	NA	NA	NA
08/09/94	Start remed. 5/3/93	<0.5	<1	<2	<2	26	<1	<1	NA	NA	NA	NA
08/15/95		<0.5	<1	<2	<2	19	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	24	<1.7	<0.9	NA	NA	NA	NA
06/03/97		<0.21	<0.68	<1.5	<1.8	43	<1	<0.86	190	0.09	2	0.1
09/03/97		<0.21	<0.68	<1.5	<1.8	90	<1	<0.86	170	0.03	3	0
11/19/97		<0.21	<0.68	<1.5	<1.8	110	<1	<0.86	67	0.06	5	0
12/01/98		<0.5	<1	<1	<2	73.9	<1	<1	55.8	<0.3	3	1
08/26/93	PZ-41	<1	<1	<1	<3	<5	<1	<1	NA	NA	NA	NA
08/09/94	Start remed. 5/3/93	1.6	3.4	<2	<2	<2	2.3	<1	NA	NA	NA	NA
08/15/95		1.06	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	0.6	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
06/03/97		0.35p	<0.68	<1.5	<1.8	<0.21	<1	<0.86	110	0.05	3	0
09/03/97		0.30p	<0.68	<1.5	<1.8	<0.21	<1	<0.86	210	0.01	2	1
11/19/97		0.78	<0.68	<1.5	<1.8	<0.21	<1	<0.86	88	0.004 p	12	0.2
12/01/98		0.935	<1	<1	<2	<1	<1	<1	84.9	<0.3	1	<1
08/26/93	PZ-42	<1	<1	2.6	<3	<5	<1	<1	NA	NA	NA	NA
08/09/94	Start remed. 5/3/93	<0.5	<1	<2	<2	6.3	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	20	<1.7	<0.9	NA	NA	NA	NA
06/03/97		<0.21	<0.68	<1.5	<1.8	63	<1	<0.86	62	0.1	2	0
09/03/97		<0.21	<0.68	<1.5	<1.8	87	<1	<0.86	180	0.006	4	0
11/19/97		<0.21	<0.68	<1.5	<1.8	71	<1	<0.86	62	0.07	4	0
12/01/98		<0.5	<1	<1	<2	74.8	<1	<1	60.9	<0.3	5	<1
08/26/93	PZ-43	<1	<1	<1	<3	<5	<1	<1	NA	NA	NA	NA
08/09/94	Start remed. 5/3/93	0.7	<1	<2	2.6	<2	<1	<1	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	<0.5	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
06/03/97		NA	NA	NA	NA	NA	NA	NA	39	0.02	4	0.1
11/19/97		NA	NA	NA	NA	NA	NA	NA	83	0.02	5	0.3
12/01/98		<0.5	<1	<1	<2	3.64	<1	<1	116	<0.3	8	<1

NR 140 ES	5	700	1000	620	60	480	
NR 140 PAL	0.5	140	200	124	12	96	

File: Y/Projects/19110/ T410w700 GW3

STS Consultants Ltd.

Summaary of Groundwater Analytical Test Results
Van Zeeland Discount Tire and Auto
Little Chute, Wisconsin

Date Sampled	Well ID	Benzene ug/l	Ethyl-benzene ug/l	Toluene ug/l	Total Xylene ug/l	MTBE ug/l	1,2,4-TMB ug/l	1,3,5-TMB ug/l	Sulfate mg/l	Nitrate mg/l	Dissolved Oxygen mg/l	Ferrous Iron mg/l
08/26/93	PZ-44	25	44	3.6	114	7.3	240	94	NA	NA	NA	NA
08/09/94	Start remed. 5/3/93	14.1	25.4	<2	<2	<2	28	26	NA	NA	NA	NA
02/20/95		8.23	13.6	<2	<2	3.93	10.2	<1	NA	NA	NA	NA
08/15/95		7.94	5.2	3.55	1.72	6.54	4.67	<1	NA	NA	NA	NA
07/30/96		4.2	1.5	<1.5	<1.7	4.4	<1.7	<0.9	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	4.6	1	<0.6	<1.7	3.1	<1.7	<0.9	NA	NA	NA	NA
06/03/97		2.5	<0.68	<1.5	<1.8	2.2	1.2	<0.86	47	0.06	8	0.2
09/03/97		1.5	<0.68	<1.5	<1.8	3	1.6	<0.86	63	0.003 p	8	0.6
11/19/97		0.61 p	<0.68	<1.5	<1.8	1.9	<1	<0.86	60	<0.002	10	0.3
12/01/98		1.11	<1	<1	<2	<1	<1	<1	16.4	<0.3	<1	<1
09/08/93	Sump-1	106	24	5.1	36	22	34	1.6	NA	NA	NA	NA
06/28/94	Start remed. 5/3/93	83.4	11.8	<20	<20	46.7	<10	<10	NA	NA	NA	NA
08/09/94		74.2	3.35	<2	<2	48	<1	<1	NA	NA	NA	NA
11/21/94		37.8	1.25	<2	<2	75.9	<1	<1	NA	NA	NA	NA
02/20/95		6.24	2.15	2.77	1.74	<2	4.86	<1	NA	NA	NA	NA
05/22/95		70	2.93	<2	<2	102	<1	<1	NA	NA	NA	NA
08/15/95		19.3	<1	<2	<2	35.7	<1	<1	NA	NA	NA	NA
11/15/95		7.97	<1	<2	<2	45.3	<1	<1	NA	NA	NA	NA
02/14/96		7.65	<1	<2	<2	102	<1	<1	NA	NA	NA	NA
04/29/96		73	3.9	2.7	13	48	<1.7	<0.9	NA	NA	NA	NA
07/30/96		6.1	<0.6	<0.6	<1.7	35	<1.7	<0.9	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	14	<0.6	<0.6	<2.2	93	<1.7	<0.9	NA	NA	NA	NA
06/03/97		<0.21	<0.68	<1.5	<1.8	<0.21	<1	<0.86	NA	NA	4	0.1
09/03/97		67	5.2	<1.5	<1.8	130	3.4	<0.86	NA	NA	3	2
11/19/97		7.4	<0.68	<1.5	<1.8	130	<1	<0.86	NA	NA	4	0.3
12/01/98		32	<20	<20	<40	285	<20	<20	137	<0.3	<1	4
09/08/93	Sump-2	<1	<1	<1	<3	<5	<1	<1	NA	NA	NA	NA
06/28/94	Start remed. 5/3/93	3.18	3.84	<2	<2	8.8	16	6.3	NA	NA	NA	NA
08/09/94		23.8	15.3	<2	19.9	68.9	29.2	2.03	NA	NA	NA	NA
11/21/94		1.42	<2	<2	1.08	13.7	<1	<1	NA	NA	NA	NA
02/20/95		6.13	2.38	<2	<2	35.9	1.29	<1	NA	NA	NA	NA
05/22/95		16.4	2.39	<2	1.51	48.1	1.14	<1	NA	NA	NA	NA
08/15/95		5.86	5.32	<2	3.87	23.8	3.24	<1	NA	NA	NA	NA
11/15/95		0.84	<1	<2	<2	39.5	<1	<1	NA	NA	NA	NA
02/14/96		<0.5	<1	<2	<2	<2	<1	<1	NA	NA	NA	NA
04/29/96		<0.5	<0.6	<0.6	<1.7	<2.7	<1.7	<0.9	NA	NA	NA	NA
07/30/96		5.3	0.6	<0.6	<1.7	49	<1.7	<0.9	NA	NA	NA	NA
11/18/96	Stop remed. 12/23/96	12	7.2	0.6	7.9	18	12	2.2	NA	NA	NA	NA
06/03/97		16	3.1	<1.5	<1.8	11	3.7	<0.86	NA	NA	6	2
09/03/97		23	2.6	<1.5	<1.8	20	1.7	<0.86	NA	NA	3	4
11/19/97		16	1.6	<1.5	<1.8	28	1.1	<0.86	NA	NA	<1	5
12/01/98		5.35	<1	<	<2	13.6	<1	<1	197	<0.3	<1	5

NR 140 ES	5	700	1000	620	60	480	
NR 140 PAL	0.5	140	200	124	12	96	

Note: NE = Not Established
NA = Not Analyzed
< 1 = Less than the laboratory limit of detection or limit of quantitation.
p = Value reported between the limit of detection and limit of quantitation.
Remediation system was shut off on December 23 1996 to allow for natural attenuation monitoring.

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