RMT
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Wauleco/1 File

JUL 23 2007

July 20, 2007

Ms. Mary Buettner
Earth Tech, Inc.
200 Indiana Avenue
Stevens Point, WI 54481

Subject: Information Requested on Wauleco Site, Wausau, WI
Proposed Thomas Street Reconstruction

Dear Ms. Buettner:

On behalf of Wauleco, Inc., following is the information you requested regarding the Wauleco site located at 125 Rosecrans Street, in Wausau, Wisconsin associated with the potential reconstruction of Thomas Street. Specifically, you requested the following information:

- Map Showing Previous Soil Results: Attached are the following:
  - Figure 1: Summary of Historic Soil Sample Locations. This drawing summarizes historic soil sample locations that Wauleco is aware of based on a review of project documents.
  - Tables 2, 3, and 4: These tables summarize soil sample results for various analytes corresponding to the soil sample locations shown on Figure 1.
  - Drawing 2: Site Features Map: This drawing shows the location of groundwater monitoring wells (e.g., W9), and extraction wells (e.g., PW5). Note, recently during the repair of PW16, evidence of a release was observed. Soil samples were not collected at PW16, so there are no results to summarize in Tables 2, 3, and 4. The location of PW16 is not shown on Figure 1.
- Summary of the Use of the Warehouse Building: This building is located in the southwest corner of the site, and is shown on Figure 1 as the Existing Wauleco O&M Building. It's historic and current use is summarized as follows:
  - Historic Use: As shown in the legend on Figure 1, this building previously was referred to as Bldg Num 1 Lumber Storage. Wauleco personnel also recall this building being used for wood storage during the time the plant was in operation.
  - Current Use: This building is currently the Wauleco remediation system O&M building. It's current use is summarized as follows:
    - Southern Portion of Building: This portion of the building is a pole shed building used for granular activated carbon storage, a hazardous waste storage pad, and general storage.

- Northern Portion of Building: This portion of the building is a pole shed building used as a shop and office area. A treatment building is located north of the pole shed building, contains several tanks and pumps for the treatment of water associated with the Wauleco site. The majority of the underground water and electrical utilities run into the shop area and treatment building.

In addition, as shown on Drawing 2, there are numerous groundwater monitoring wells at the site and off-site, including along Thomas Street, and there are several extraction wells located on-site. Also, there are utilities for the extraction wells (e.g., electric power, air lines, water conveyance pipes, etc), located in the southern portion of the site. The specific location of these items will need to be identified and addressed accordingly depending on the alternative the City is considering.

If you have any questions this information, please call me.

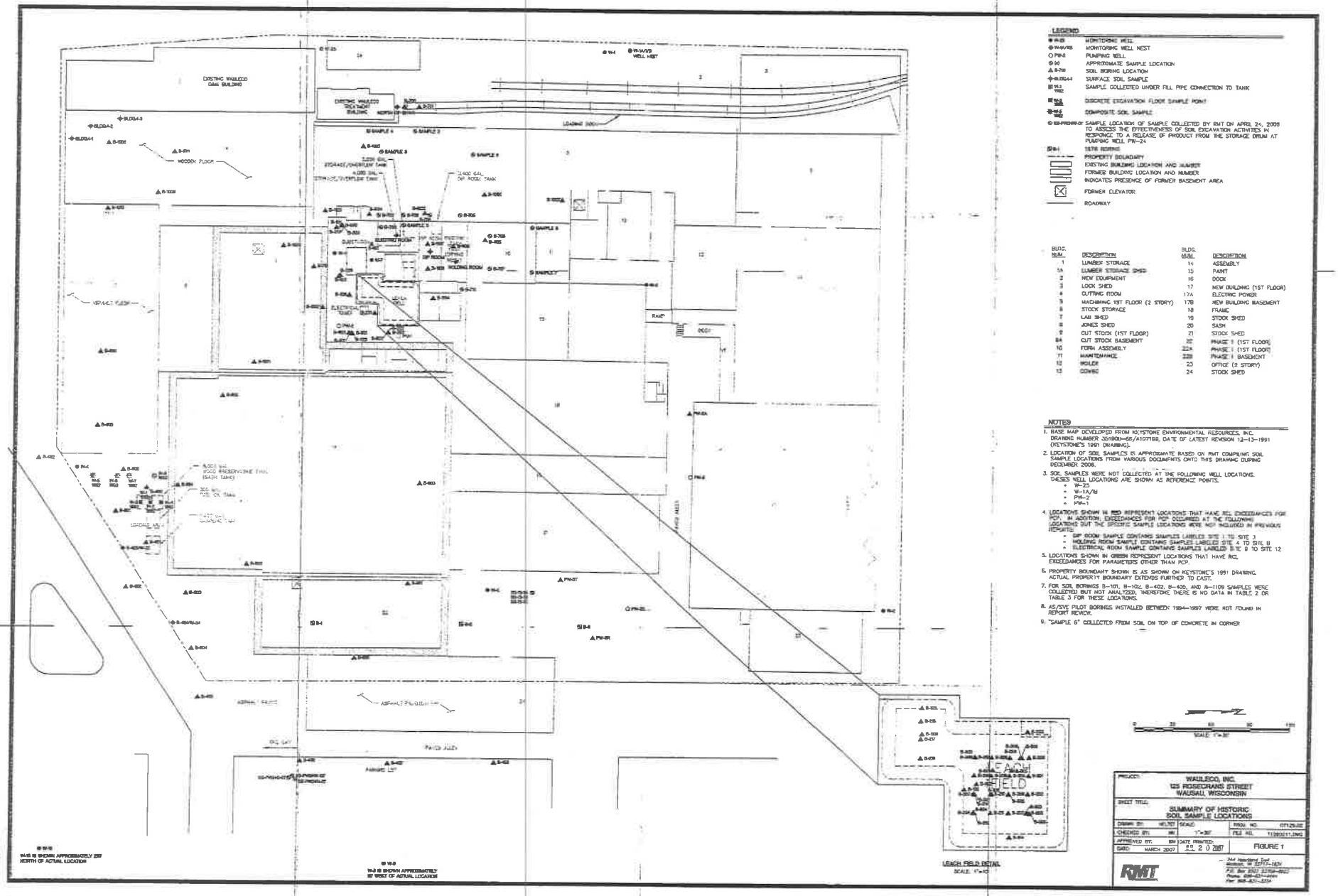
Sincerely,

RMT, Inc.

Bruce A. Iverson
Project Manager

Attachments: Figure 1: Summary of Historic Soil Sample Location
Table 2: Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Table 3: Summary of Previous Soil Sample Results: Metals and Miscellaneous
Table 4: Summary of Previous Soil Sample Results: Dioxin and Furan
Drawing 2: Site Features Map

cc: Lisa Gutknecht - WDNR (1 copy)
Robert Brandt - Wauleco, Inc. (1 copy)
David Crass - Michael Best & Friedrich, LLP (1 copy)
Tom Dushek - RMT Wauleco (1 copy)



LEGEND

- MONITORING WELL
- MONITORING WELL NEST
- PUMPING WELL
- APPROXIMATE SAMPLE LOCATION
- SOIL BORING LOCATION
- SURFACE SOIL SAMPLE
- SAMPLE COLLECTED UNDER FILL PIPE CONNECTION TO TANK
- DISCRETE EXCAVATION FLOOR SAMPLE POINT
- COMPOSITE SOIL SAMPLE
- SAMPLE LOCATION OF SAMPLE COLLECTED BY RMT ON APRIL 24, 2005 TO ASSESS THE EFFECTIVENESS OF SOIL EXCAVATION ACTIVITES IN RESPONSE TO A RELEASE OF PRODUCT FROM THE STORAGE DRUM AT PUMPING WELL PW-24
- 15TH BORING
- PROPERTY BOUNDARY
- EXISTING BUILDING LOCATION AND NUMBER
- FORMER BUILDING LOCATION AND NUMBER
- INDICATES PRESENCE OF FORMER BASEMENT AREA
- FORMER ELEVATOR
- ROADWAY

BLDG. NUM.	DESCRIPTION	BLDG. NUM.	DESCRIPTION
1	LUMBER STORAGE	14	ASSEMBLY
1A	LUMBER STORAGE SHED	15	PAINT
2	NEW EQUIPMENT	16	DOCK
3	LOCK SHED	17	NEW BUILDING (1ST FLOOR)
4	CUTTING ROOM	17A	ELECTRIC POWER
5	MACHINING 1ST FLOOR (2 STORY)	17B	NEW BUILDING BASEMENT
6	STOCK STORAGE	18	FRAME
7	LAB SHED	19	STOCK SHED
8	JONES SHED	20	SASH
9	CUT STOCK (1ST FLOOR)	21	STOCK SHED
9A	CUT STOCK BASEMENT	22	PHASE II (1ST FLOOR)
10	FORM ASSEMBLY	22A	PHASE I (1ST FLOOR)
11	MAINTENANCE	22B	PHASE I BASEMENT
12	BOILER	23	OFFICE (2 STORY)
13	COWEC	24	STOCK SHED

NOTES

1. BASE MAP DEVELOPED FROM KEYSTONE ENVIRONMENTAL RESOURCES, INC. DRAWING NUMBER 351801-66/A107192, DATE OF LATEST REVISION 12-13-1991 (KEYSTONE'S 1991 DRAWING).
2. LOCATION OF SOIL SAMPLES IS APPROXIMATE BASED ON RMT COMPILING SOIL SAMPLE LOCATIONS FROM VARIOUS DOCUMENTS ONTO THIS DRAWING DURING DECEMBER 2006.
3. SOIL SAMPLES WERE NOT COLLECTED AT THE FOLLOWING WELL LOCATIONS. THESES WELL LOCATIONS ARE SHOWN AS REFERENCE POINTS.
   - W-25
   - W-1A/1W
   - PW-2
   - PW-1
4. LOCATIONS SHOWN IN RED REPRESENT LOCATIONS THAT HAVE RCL EXCEEDANCES FOR PCP. IN ADDITION, EXCEEDANCES FOR PCP OCCURRED AT THE FOLLOWING LOCATIONS BUT THE SPECIFIC SAMPLE LOCATIONS WERE NOT INCLUDED IN PREVIOUS REPORTS:
   - DIP ROOM SAMPLE CONTAINS SAMPLES LABELED SITE 1 TO SITE 3
   - HOLDING ROOM SAMPLE CONTAINS SAMPLES LABELED SITE 4 TO SITE 8
   - ELECTRICAL ROOM SAMPLE CONTAINS SAMPLES LABELED SITE 9 TO SITE 12
5. LOCATIONS SHOWN IN GREEN REPRESENT LOCATIONS THAT HAVE RCL EXCEEDANCES FOR PARAMETERS OTHER THAN PCP.
6. PROPERTY BOUNDARY SHOWN IS AS SHOWN ON KEYSTONE'S 1991 DRAWING. ACTUAL PROPERTY BOUNDARY EXTENDS FURTHER TO EAST.
7. FOR SOIL BORINGS B-101, B-102, B-402, B-405, AND B-1109 SAMPLES WERE COLLECTED BUT NOT ANALYZED. THEREFORE THERE IS NO DATA IN TABLE 2 OR TABLE 3 FOR THESE LOCATIONS.
8. AS/SVE PILOT BORINGS INSTALLED BETWEEN 1994-1997 WERE NOT FOUND IN REPORT REVIEW.
9. "SAMPLE 6" COLLECTED FROM SOIL ON TOP OF CONCRETE IN CORNER

PW-15 IS SHOWN APPROXIMATELY 250' NORTH OF ACTUAL LOCATION

W-2 IS SHOWN APPROXIMATELY 50' WEST OF ACTUAL LOCATION

PROJECT: WAUSECO, INC. 125 ROSECRANS STREET WAUSAU, WISCONSIN

SHEET TITLE: SUMMARY OF HISTORIC SOIL SAMPLE LOCATIONS

DRAWN BY:	WLT/KT	SCALE:	PROJ. NO. 07129.02
CHECKED BY:	MB	1"=30'	FILE NO. T:\2802011.DWG
APPROVED BY:	BM	DATE PRINTED: APR 20 2007	FIGURE 1
DATE:	MARCH 2007		

RMT

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Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				PCP (mg/kg)	Limited VOCs											Phenols															
					Acetone (mg/kg)	1,2-dichloro benzene (ug/kg)	1,3-dichloro benzene (ug/kg)	1,4-dichloro benzene (ug/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	Toluene (ug/kg)	Total xylenes (ug/kg)	Chloro benzene (ug/kg)	Styrene (ug/kg)	Trichloro ethene (mg/kg)	Phenol (mg/kg)	2-chlorophenol (ug/kg)	2-cresol (ug/kg)	m&p-cresol (ug/kg)	2-nitro phenol (ug/kg)	2,4-dimethyl phenol (ug/kg)	2,4-dichloro phenol (ug/kg)	2,6-dichloro phenol (ug/kg)	4-chloro-3-methylphenol (ug/kg)	2,4,6-trichloro phenol (ug/kg)	2,4,5-trichloro phenol (ug/kg)	2,4-dinitro phenol (ug/kg)	4-nitro phenol (ug/kg)	2,3,5,6-tetrachloro phenol (ug/kg)	2-methyl-4,6-dinitrophenol (ug/kg)	PCP (mg/kg)
	Industrial Direct Contact RCLs			23.8	140,000	600	130	410	5.5 [1]	2,900 [2]	1,500 [3]	4,100 [4]	340	3,000	0.25	307,000	5,410	51,100	9,410	NS	20,400	3,070	NS	NS	206	102,200	NS	NS	NS	NS	23.8
Report Number	Sample ID	Date	Depth (ft. bgs)																												
1	B-1 [5]	1978	4-5	175																											
		1978	10-11.5	102																											
		1978	15-16	125																											
		1978	20-21	132																											
	B-2 [5]	1978	4-5.5	97																											
		1978	8-9	94																											
		1978	15-16.5	73																											
		1978	20-21	89																											
	B-3 [5]	1978	4-5.5	35																											
		1978	8-9	30																											
		1978	15-16.5	29																											
		1978	20-21	53																											
		1978	25-26.5	97																											
2	W-1	12/19/1984	5	ND																											
		12/19/1984	10	ND																											
		12/19/1984	15	ND																											
		12/19/1984	20	ND																											
		12/19/1984	25	ND																											
		12/19/1984	30	ND																											
	W-2	12/19/1984	5	ND																											
		12/19/1984	10	ND																											
		12/19/1984	15	ND																											
		12/19/1984	20	ND																											
		12/19/1984	25	ND																											
		12/19/1984	30	23 [1]																											
	W-3	12/20/1984	5	ND																											
		12/20/1984	10	ND																											
		12/20/1984	15	ND																											
		12/20/1984	20	ND																											
		12/20/1984	25	10.7 [1]																											
		12/20/1984	37	30.6 [1]																											
		12/20/1984	40	6.2 [1]																											
	W-4 [5]	12/20/1984	5	ND																											
		12/20/1984	10	ND																											
		12/20/1984	15	ND																											
		12/20/1984	20	ND																											
		12/20/1984	25	236.3 [1]																											
		12/20/1984	30	66.5 [1]																											
		12/20/1984	35	224.8 [1]																											
		12/20/1984	43	29 [1]																											
		12/20/1984	45	25 [1]																											
5	Site 1 / Dip Room	6/19/1986	0.5	5,000																											
	Site 2 / Dip Room	6/19/1986	0.5	14,000																											
	Site 3 / Dip Room	6/19/1986	0.5	2,000																											
	Site 4 / Electric Room	8/5/1986	Surface	5,867																											
	Site 5 / Electric Room	8/5/1986	Surface	31																											
	Site 6 / Electric Room	8/5/1986	Surface	3,200																											
	Site 7 / Electric Room	8/5/1986	Surface	7,333																											
	Site 8 / Electric Room	8/5/1986	Surface	4,067																											
	Site 9 / Holding Room	8/5/1986	Surface	8,667																											
	Site 10 / Holding Room	8/5/1986	Surface	6,666																											
	Site 11 / Holding Room	8/5/1986	Surface	4,333																											
	Site 12 / Holding Room	8/5/1986	Surface	13,333																											
7	W-7	NR	NR	31,000 [2]																											
	W-4	12/20/1984	NR	33,000 [2]																											
	W-16	NR	NR	11,000 [2]																											
	W-8	NR	NR	3,000 [2]																											
	W-5	NR	NR	33,000 [2]																											
9	B-100	10/5/1987	4-6	0.0853		<8.00	<8.00	<8.00	Int	2.20	2.30	4.80	<4.00	<8.00		<0.125															
			12-14	<0.010		<4.00	<4.00	<4.00	Int	1.00	2.15	3.90	<2.00	<3.00		<0.125															
			14-16	<0.010		<4.00	<4.00	<4.00	Int	<2.00	1.90	<3.00	<2.00	<3.00		<0.125															
			24-26	<0.010		<4.00	<4.00	<4.00	Int	<2.00	2.85	3.50	<2.00	<3.00		<0.125															
			30-32	1.28		<4.00	<4.00	<4.00	Int	7.45	2.35	11.4	<2.00	<3.00		<0.125															
			34-36	25.1 [1]		<3000	<3000	<3000	Int	<1000	<1000	13,000 [1]	<1000	<1500		0.15															
	B-101	NR	NR	NA																											
	B-102	NR	NR	NA																											
	B-103	10/7/1987	4-6	0.0258		<80.0	<80.0	<80.0	Int	<40.0	<40.0	<60.0	<40.0	<60.0		<0.125															
			8-10	0.0345		<80.0	<80.0	<80.0	Int	<40.0	<40.0	<60.0	<40.0	<60.0		<0.125															
			14-16	<0.010		<80.0	<80.0	<80.0	Int	<40.0	<40.0	<60.0	<40.0	<60.0		<0.125															
			20-22	<0.010		<80.0	<80.0	<80.0	Int	<40.0	<40.0	<60.0	<40.0	<60.0		<0.125															
			24-26	<0.010		<80.0	<80.0	<80.0	Int	1.3	1.66	<6.00	<40.0	<6.00		<0.125															
			26-28	0.0126		<4.00	<4.00	<4.00	Int	<2.00	<2.00	<3.00	<2.00	<3.00		NA															
	B-104	10/8/1987	4-6	15.6		<4.00	<4.00	<4.00	Int	24.8	14.0	225	<2.00	<3.00		<0.125															
			10-12	0.37		<8.00	<8.00	<8.00	Int	<4.00	4.05	4.35	<4.00	<6.00		<0.125															
			14-16	<0.010		<20.0	<20.0	<20.0	Int	10.0	13.5	190	10.0	<15.0		<0.125															
			20-22	0.0171		<4.00	<4.00	<4.00	Int	<2.00	<2.00	2.00	<2.00	<3.00		0.175															

Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				PCP (mg/kg)	Limited VOCs												Phenols															
					Acetone (mg/kg)	1,2-dichloro benzene (ug/kg)	1,3-dichloro benzene (ug/kg)	1,4-dichloro benzene (ug/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	Toluene (ug/kg)	Total xylenes (ug/kg)	Chloro benzene (ug/kg)	Styrene (ug/kg)	Trichloro ethene (mg/kg)	Phenol (mg/kg)	2-chlorophenol (ug/kg)	cresol (ug/kg)	m&p-cresol (ug/kg)	o-cresol (ug/kg)	2,4-dimethyl phenol (ug/kg)	2,4-dichloro phenol (ug/kg)	2,6-dichloro phenol (ug/kg)	4-chloro-3-methylphenol (ug/kg)	2,4,6-trichloro phenol (ug/kg)	2,3,5-trichloro phenol (ug/kg)	2,4-dinitro phenol (ug/kg)	4-nitro phenol (ug/kg)	2,5-dichloro phenol (ug/kg)	2,3-dichloro phenol (ug/kg)	Pentachloro phenol (ug/kg)	Total Phenols (ug/kg)
		Industrial Direct Contact RCLs		20.8	140,000	500	130	110	5.5	2,900	1,500	4,100	340	1,500	0.33	307,000	5,110	5,100	4,410	NS	20,400	2,010	NS	NS	NS	102,200	NS	NS	NS	NS	NS	NS
Report Number	Sample ID	Sample Date	Depth (ft. bgs)																													
9			24-26	2.64		<4.00	<4.00	<4.00	Int	<2.00	<2.00	<3.00	<2.00	<3.00		<0.125																
			30-32	54.8[1]		<200	<200	<200	Int	<100	<100	17,800[1]	<100	<150		<0.125																
			34-36	23.5		<200	<200	<200	Int	<100	<100	15,400[1]	<100	<150		0.225																
	B-105	10/9/1987	4-6	0.0468		<8.00	<8.00	<8.00	Int	1.80	2.8	28	<4.00	<6.00		<0.125																
			10-12	3.87		<8.00	<8.00	<8.00	Int	<4.00	6.00	<6.00	<4.00	<6.00		<0.125																
			15-17	0.0938		<8.00	<8.00	<8.00	Int	<4.00	3.95	17.5	<4.00	<6.00		<0.125																
			20-22	0.0208		<80.0	<80.0	<80.0	Int	<40.0	18.5	<60.0	<40.0	<60.0		<0.125																
			24-26	1.07		<80.0	<80.0	<80.0	Int	<40.0	<40.0	<60.0	<40.0	<60.0		<0.125																
			30-32	0.429		<400	<400	<400	Int	<200	150	68000[1]	<200	<300		0.175																
			34-36	0.675		<400	<400	<400	Int	1300	<200	65500[1]	<200	<300		<0.125																
	B-106	10/9/1987	4-6	2.09		<400	<400	<400	Int	<200	<200	5250	<200	<300		<0.125																
			10-12	0.0495		<4.00	<4.00	<4.00	Int	<4.00	Int	7.47	Int	<3.00		<0.125																
			17-19	0.0103		<4.00	<4.00	<4.00	Int	<2.00	<2.00	14.5	<2.00	<3.00		<0.125																
			20-22	0.432		<4.00	<4.00	<4.00	Int	<2.00	1.52	<3.00	<2.00	<3.00		<0.125																
			24-26	0.0555		<4.00	<4.00	<4.00	Int	<2.00	1.45	25.0	<2.00	<3.00		<0.125																
			30-32	0.897		<4.00	<4.00	<4.00	Int	<2.00	<2.00	<3.00	<2.00	<3.00		<0.125																
			34-36	0.722		<400	<400	<400	Int	<200	<200	49500[1]	<200	<300		<0.125																
11	Dip room		Surface	NA																												
12	B-200	9/21/1988	5-6.5	0.232																												
			30-31.5	0.497																												
			32.5-34	0.928																												
			35-36.5	0.675																												
	B-201	9/16/1988	5-6.5	11.8																												
			30-31.5	3.2																												
			32.5-34	1.92																												
			35-36.5	2.88																												
	B-202	9/16/1988	5-6.5	0.160																												
			30-31.5	3.17																												
			32.5-34	2.25																												
			35-36.5	6.75																												
	B-203	9/12/1988	5-6.5	0.257																												
			30-31.5	0.867																												
			35-36.5	11.4																												
	B-204	9/22/1988	5-6.5	0.601																												
			30-31.5	1.28																												
			32.5-34	0.433																												
			35-36.5	0.289																												
	B-205	9/13/1988	5-6.5	1.29																												
			30-31.5	0.80																												
			32.6-34	0.634		1600[1]	1600[1]	1600[1]	800[1]	800	800	45600[1]	800[1]	1200																		
			35-36.5	1.09																												
	B-206	9/17/1988	5-6.5	0.583																												
	B-206	9/17/1988	30-31.5	0.375																												
			32.5-34	0.533																												
			35-36.5	0.422																												
	B-207	9/12/1988	5-6.5	0.42																												
			30-31.5	4.0																												
			32.5-34	13.7																												
			35-36.5	5.67																												
	B-208	9/22/1988	7.5-9	0.124																												
			30-31.5	1.32																												
			32.5-34	0.857																												
			35-36.5	0.615																												
	B-209	9/20/1988	5-6.5	0.331																												
			30-31.5	1.83																												
			32.5-34	1.50																												
			35-36.5	0.873																												
	B-210	9/17/1988	5-6.5	0.247																												
			30-31.5	1.75																												
			32.5-34	0.617																												
			35-36.5	1.35																												
	B-211	9/13/1988	5-6.5	1.12																												
			30-31.5	1.67																												
			32.5-34	1.33																												
			35-37.5	0.351																												
	B-213	9/20/1988	5-6.5	0.307																												
			30-31.5	6.63																												
			32.5-34	0.587																												
			35-38.5	0.557																												
	B-214	9/17/1988	5-6.5	0.240																												
			30-31.5	0.617																												
			32.5-34	0.833																												
			35-36.5	0.717																												
	B-215	9/13/1988	5-6.5	0.184																												
			30-31.5	2.35																												
			32.5-34	0.655																												
			35-36.5	0.928																												

Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Report Number	Sample ID	Date	Depth (ft. bgs)	PCP (mg/kg)	Acetone (mg/kg)	1,2-dichloro benzene (ug/kg)	1,3-dichloro benzene (ug/kg)	1,4-dichloro benzene (ug/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	Toluene (ug/kg)	Total xylenes (ug/kg)	Chloro benzene (ug/kg)	Styrene (ug/kg)	Trichloro ethene (mg/kg)	Phenol (mg/kg)	2-chloro phenol (ug/kg)	2,4-dimethyl phenol (ug/kg)	2,4-dichloro phenol (ug/kg)	2,6-dichloro phenol (ug/kg)	4-chloro-3-methylphenol (ug/kg)	2,4,5-trichloro phenol (ug/kg)	2,4,6-trichloro phenol (ug/kg)	2,4-dinitro phenol (ug/kg)	2,3,5,6-tetrachloro phenol (ug/kg)	pentachloro phenol (ug/kg)	4-nitro phenol (ug/kg)
		Industrial Direct Contact RCLs		29.8	140,000	36,000	130	119	5.5	2,900[1]	1,500[1]	4,100[1]	5,340[1]	1,500	0.23	307,000	5,100	61,100	9,410	NS	20,400	3,770	NS	NS	26	107,200	NS	NS
12	B-216	9/12/1988	7.5-9	NA																							
			32.5-34	NA																							
			35-36.5	NA																							
			37.5-39	NA																							
	B-217	9/11/1988	5-6.5	NA																							
			30-31.5	0.293																							
		9/27/1988	32.5-34	1.03		1600[1]	1600[1]	1600[1]	800[1]	800	800	23700[1]	800[1]	1200													
			35-36.5	0.65																							
	B-218	9/11/1988	5-6.5	NA																							
			30-31.5	2.5																							
		9/27/1988	32.5-34	0.535																							
			35-36.5	0.585																							
	B-219	9/7/1988	5-6.5	0.173																							
			30-31.5	4.93																							
			32.5-34	26.0[1]																							
			35-36.5	6.75																							
	B-220	9/8/1988	5-6.5	0.083																							
			30-31.5	2.15																							
			32.5-34	0.683		4000[1]	4000[1]	4000[1]	2000[1]	2000	2000[1]	12400[1]	2000[1]	3000[1]													
			35-36.5	1.55																							
	B-221	9/10/1988	5-6.5	NA																							
			20-21.5	NA																							
			25-26.5	NA																							
			30-31.5	NA																							
	B-222	9/10/1988	5-6.5	NA																							
	B-222	9/10/1988	27.5-29	NA																							
			30-31.5	NA																							
			32.5-34	NA																							
	B-223	9/9/1988	7.5-9	0.01																							
			30-31.5	7																							
			32.5-34	1.97																							
			35-36.5	4.83																							
13	B-300	8/24/1989	4-8	0.302												0.0712	<50.0			640	<50.0	<50.0		143	475		<100	120	165	<100	<0.100
			30-32	3.34												1.28	<50.0			833	158	234		253	168		124	102	4250	153	2.70
			32-34	1.86												0.0835	<50.0			474	<50.0	<50.0		<50.0	323		<100	121	225	<100	9.84
	B-301	8/23/1989	4-6	0.0231												<0.05	<50.0			<50.0	254	292		<50.0	145		<100	159	<100	<100	<0.100
			25-27	0.284												0.248	<50.0			<50.0	57.1	103		<50.0	<100		<100	<100	<100	<100	0.156
			32-34	1.41												0.148	835			61.5	116	403		<50.0	101		<100	<100	264	<100	4.58
	B-302	8/23/1989	4-6	0.0398												0.319	<50.0			<50.0	122	184		<50.0	<100		<100	<100	193	<100	0.108
			30-32	1.57												0.114	<50.0			<50.0	59.4	103		<50.0	124		167	<100	130	<100	4.07
			32-34	0.526												1.73	14500[1]			313	192	<50.0		143	154		189	104	210	<100	9.36
	B-303	8/21/1989	5-7	0.294																							
			32-34	0.346																							
			35-39	0.557																							
	B-304	8/21/1989	4-7	0.356																							
			34-34	0.529																							
			35-35.5	0.30																							
	B-305	8/22/1989	4-7	2.17												<0.05	<50.0			<50.0	<50.0	<50.0		<50.0	458		<100	136	<100	<100	0.549
			30-32	1.44												0.0623	<50.0			<50.0	<50.0	<50.0		<50.0	3056		<100	215	<100	<100	3.49
			35-37	0.334												0.148	888			<50.0	<50.0	<50.0		<50.0	1839		<100	<100	<100	<100	0.711
	B-306	8/22/1989	4-7	0.308												0.0775	<50.0			<50.0	<50.0	<50.0		54.2	<100		<100	<100	<100	<100	0.16
			32-34	0.50												<0.05	<50.0			<50.0	<50.0	<50.0		353	963[1]		<100	1780	<100	<100	5.14
			35-37	0.483												0.471	11200[1]			149	<50.0	82.9		164	724[1]		<100	689	<100	<100	5.15
	B-307	8/22/1989	4-8	0.316												<0.05	<50.0			<50.0	<50.0	163		<50	256		<100	417	<100	<100	<0.100
			32-34	0.468												0.0509	<50.0			<50.0	<50.0	<50.0		<50.0	<100		<100	182	<100	<100	3.63
			35-37	0.327												0.156	12600[1]			<50.0	<50.0	<50.0		82.9	1310[1]		<100	<100	<100	<100	7.68
	B-308	8/23/1989	4-10	1.28												0.496	76.6			<50.0	537	277		<50.0	201		<100	<100	<100	<100	0.586
			32-34	0.308												1.22	12900[1]			63	297	<50.0		<50.0	753[1]		257	166	169	<100	9.69
			35-36.5	0.149												0.390	604			<50.0	<50.0	<50.0		83.8	361[1]		<100	121	<100	<100	0.787
	B-309	8/23/1989	4-7	2.36												<0.05	<50.0			406	<50.0	<50.0		67.5	102		<100	151	<100	<100	0.353
			32-34	0.313												0.128	2120			179	<50.0	<50.0		50.3	<100		<100	129	112	176	3.20
			35-37	0.256												<0.05	324			70.8	<50.0	<50.0		<50.0	<100		<100	<100	<100	<100	0.524
14	B-400	12/6/1989	22.5-24	95.8[1]																							
			25-27	118[1]																							
			27-29	99.9[1]																							
	B-401	12/7/1989	22.5-24.5	48.5[1]																							
			25-27	418[1]																							
			27-29	113[1]																							
	B-402	NR	NR	NA																							
	B-403/W-33	12/8/1989	22.5-24.5	169[1]																							
			25-27	579[1]																							
			27-29	582[1]																							
	B-404/W-34	12/8/1989	22.5-24.5	0.243																							
			25-27	27.5[1]																							
			27-29	6.93																							
	B-405	NR	NR	NA																							
	B-406	12/6/1989	22.5-24.5	41.8[1]																							
			25-27	98[1]																							

Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				PCP (mg/kg)	Limited VOCs (ug/kg)											Phenols (ug/kg)															
					Acetone (mg/kg)	1,2-dichloro benzene (ug/kg)	1,3-dichloro benzene (ug/kg)	1,4-dichloro benzene (ug/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	Toluene (ug/kg)	Total xylenes (ug/kg)	Chloro benzene (ug/kg)	Styrene (ug/kg)	Trichloro ethene (ug/kg)	Phenol (mg/kg)	2-chlorophenol (ug/kg)	2-cresol (ug/kg)	3,4-cresol (ug/kg)	2-nitro phenol (ug/kg)	2,4-dimethyl phenol (ug/kg)	2,4-dichloro phenol (ug/kg)	2,6-dichloro phenol (ug/kg)	4-chloro-3-methylphenol (ug/kg)	2,4,6-trichloro phenol (ug/kg)	2,4,5-trichloro phenol (ug/kg)	2-nitro phenol (ug/kg)	2,3,4,6-tetrachloro phenol (ug/kg)	Pentachloro phenol (ug/kg)	PCP (mg/kg)
			Industrial Direct Contact PCL's	20.8	14,000	600	130	1.9	5.5	2,900	1,500	4,100	340	1,500	0.72	307,000	5,110	51,100	9,410	NS	20,400	3,070	NS	NS	204	102,200	NS	NS	NS	NS	20.8
Report Number	Sample ID	Date	Depth (ft. bgs)																												
14	B-407	12/8/1989	25-27	1.57																											
			27-28.5	19.2																											
	B-408	12/7/1989	22.5-24.5	7.78																											
			25-27	57.1[1]																											
15	B-500	5/15/1990	5-6	1.13																											
			30-31.5	1.28																											
			32-34	1.67																											
	B-501	5/15/1990	5-7	0.0467																											
			30-31.5	1.25																											
			32-34	0.513																											
	B-502	5/15/1990	5-7	0.106																											
			30-32	1.78																											
			32-34	5.39																											
	B-503	5/16/1990	5-7	0.306																											
			32-34	0.737																											
			35-37	0.260																											
	B-504	5/16/1990	5-7	10.3																											
		5/18/1990	32-34	0.80																											
		5/18/1990	35-38	0.43																											
	B-505	5/17/1990	5-7	0.296																											
			30-31.5	0.251																											
			35-37	0.169																											
	B-506	5/17/1990	4-6	0.334																											
			29-30.5	0.202																											
			35-37	0.135																											
	B-507	5/17/1990	4-6	0.351																											
			32-34	0.464																											
			35-38	0.235																											
	B-508	5/17/1990	5-7	1.18																											
			32-34	0.389																											
			35-37	0.296																											
	B-509	5/17/1990	5-7	0.600																											
			32-34	0.54																											
			35-37	0.234																											
	B-503A	5/18/1990	32-34	0.716																											
			35-39	0.913																											
16	B-700	3/23/1991	1-3	47.2																											
			6-7.5	0.775																											
			10-11.5	0.069																											
			15-16.5	0.131																											
			19-20.5	ND																											
			24-25	ND																											
			26-27.5	ND																											
			27.5-29	25.2[1]																											
	B-701	3/23/1991	1-3	ND																											
			9-10.5	ND																											
			14-15.5	ND																											
			19-20.5	ND																											
			27-28	224[1]																											
			28-29	396[1]											19.5[1]																
	B-800	3/20-22/1991	1-3	0.3	ND					ND	ND	ND																			
			12.5-13.5	0.09	3.17					ND	ND	ND																			
			15-16.5	0.11	1.9					ND	ND	ND																			
			22-23	0.13	24.1					ND	ND	ND																			
			28.5-30	630[1]	ND					3.55	ND	45.7																			
	B-801	3/20-22/1991	1-3	0.53	3.25					ND	ND	ND																			
	B-801	3/20-22/1991	14-15.5	0.14	0.39					ND	ND	ND																			
			17.8-18.5	0.04	5.02					ND	ND	ND																			
			26-27	206[1]	ND					2.11	0.94	25																			
			27.5-28	500[1]	ND					0.858	ND	8.88																			
	B-802	3/20-22/1991	1-3	1.04	ND					ND	ND	ND																			
			5-6.5	ND	0.17					ND	ND	ND																			
			10-11.5	ND	ND					ND	ND	ND																			
			15-16.5	ND	1.9					ND	ND	ND																			
			23-24.5	7.9	ND					0.77	ND	10.2																			
			25-26	69.8[1]	7.3					ND	ND	ND																			
			26-27.5	906[1]	44.7					261	ND	2230																			
	B-803	3/20-22/1991	1-3	ND	ND					ND	ND	ND																			
			5-6.5	0.14	6.57					ND	ND	ND																			
			10-11.5	ND	6.96					ND	ND	ND																			
			17-18.5	ND	ND					ND	ND	ND																			
			20-21	0.055	9.57					ND	ND	ND																			
			22.5-24	18.6	1.83					ND	ND	ND																			
			25-26.5	304[1]	ND					ND	ND	ND																			
	B-804	3/20-22/1991	1-3	0.102	ND					ND	ND	ND																			
			10-12	ND	ND					ND	ND	ND																			
			20-21	0.04	ND					ND	ND	ND																			
			22-24	0.043	ND					ND	ND	ND																			

Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				PCP (mg/kg)	Limited VOCs											Phenols															
					Acetone (mg/kg)	alpha-pinene (ug/kg)	n-pinene (ug/kg)	1,4-dichlorobenzene (ug/kg)	Benzene (ug/kg)	Ethyl Benzene (ug/kg)	Toluene (ug/kg)	Total xylenes (ug/kg)	Chlorobenzene (ug/kg)	Styrene (ug/kg)	Trichloroethene (mg/kg)	Phenol (ug/kg)	4-methylphenol (ug/kg)	o-cresol (ug/kg)	m&p-cresol (ug/kg)	2-nitrophenol (ug/kg)	2,4-dimethylphenol (ug/kg)	2,4-dichlorophenol (ug/kg)	2,6-dichlorophenol (ug/kg)	4-chloro-3-methylphenol (ug/kg)	2,4,6-trichlorophenol (ug/kg)	2,4,5-trichlorophenol (ug/kg)	2,4-dinitrophenol (ug/kg)	4-nitrophenol (ug/kg)	2-methyl-4,6-dinitrophenol (ug/kg)	2-sec-butyl-4,6-dinitrophenol (ug/kg)	PCP (mg/kg)
		Industrial Direct Contact RCLs			148,000	1,000,000	1,000,000	1,110	5,510	8,800[a]	820,[b]	4,100[b]	342	1,500	0.23	307,000	5,110	51,100	9,420	NS	20,400	23,070	NS	NS	200	102,200	NS	NS	NS	NS	23.6
Report Number	Sample ID	Date	Depth (ft bgs)																												
16	B-805	3/20-22/1991	1-3	0.104	ND					ND	ND	ND																			
			10-11.5	0.04	ND					ND	ND	ND																			
			17.5-18.5	0.041	ND					ND	ND	ND																			
			22-23	0.038	6.22					ND	ND	ND																			
			24.5-26	190[b]	ND					ND	ND	ND																			
			26.5-28	200[b]	ND					ND	ND	ND																			
	B-806	3/20-22/1991	1-3	0.25	ND					ND	ND	ND																			
			14-15.5	ND	ND					ND	ND	ND																			
			19-19.5	0.038	ND					ND	ND	ND																			
			26-27	3.58	ND					ND	ND	ND																			
			27-29	425[b]	ND					ND	ND	ND																			
19	Sample 2	9/26/91	0-1.5	ND																											
	Sample 3	9/26/91	0-1.5	1269																											
	Sample 4	9/26/91	0-1.5	6.28																											
	Sample 5	9/26/91	0-1.5	2670																											
	Sample 6	9/26/91	On Concrete	19.1																											
	Sample 7	9/26/91	0-1.5	51.4																											
	Sample 8	9/26/91	0-1.5	56000																											
	B-702	3/5/1991	Below wood	<0.01																											
	B-703	3/5/1991	Below wood	26.7																											
	B-704	3/5/1991	Below wood	370																											
	B-706	3/5/1991	Below wood	1.86																											
	B-706	3/5/1991	Below wood	<1.0																											
	B-707	3/5/1991	Below wood	5.56																											
	B-709	3/5/1991	0-1.5	12.1																											
	B-710	3/5/1991	0-1.5	<0.01																											
	B-712	3/5/1991	0-1.5	<0.01																											
21	W-1	1/21/1992	~2 ft	NA																											
	W-2	1/21/1992	~10 ft	NA																											
	W-3	1/21/1992	~10 ft	NA																											
	W-4	1/21/1992	~11 ft	NA																											
	W-5	1/21/1992	Excavated soil	NA																											
	W-6	1/21/1992	pile (Impacted)	NA																											
	W-7	1/21/1992	Excavated soil	NA																											
	W-8	1/21/1992	pile (clean)	NA																											
23	BLDG 4 #1	10/1/1992	Surface	<1.07																											
	BLDG 4 #2	10/1/1992	Surface	<1.10																											
	BLDG 4 #3	10/1/1992	Surface	<1.10																											
	North of BFAR	10/8/1992	Surface ?	0.943																											
24	B-900	6/18/1992	7-9	0.0349																											
			11-13	0.0375																											
			15-17	0.0262																											
			15-17 Dup	0.0468																											
			19-21	NA																											
			23-23.3	NA																											
	B-901	6/19/1992	7-9	0.0914																											
			11-13	0.0321																											
			15-17	0.0213																											
	B-902	6/17/1992	5-7	<0.0102																											
			9-11	<0.0102																											
			13-15	<0.0104																											
			13-15 Dup	<0.0102																											
	B-903	6/18/1992	7-9	0.255																											
			11-13	0.507																											
			15-17	1.04																											
	B-904	6/17/1992	7-9	0.23																											
			11-13	74.8																											
			15-17	56.2																											
			19-21	NA																											
			21-23	NA																											
	B-905	6/18/1992	7-9	0.0548																											
			11-13	0.016																											
			15-17	0.0617																											
	PW-3R	7/8/1992	13-15	NA																											
			23-25	NA																											
			25-27	NA																											
	PW-3S	7/8/1992	22-24	NA																											
			24-25	NA																											
	PW-3T	7/8/1992	24-26	NA																											
			26-28	NA																											
			28-30	NA																											
	PW-8	7/9/1992	11-13	0.195												<0.052	<52.0			<52.0	<52.0	<52.0		<52.0	<104		<104	<104	<104	<104	0.195
			13-15	NA																											
			23-25	NA																											
			27-29	36.6[b]												<0.575	<575			<575	<575	<575		<575	1112[d]		3560	<1150	6330	<1150	36.6[b]

Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				PCP (mg/kg)	Limited VOCs												Phenols														
			Industrial Direct Contact RCLs	20.5	140,000	1600	1301	1.5	15.6	2,200	1,500	4,180	340	1500	0.22	307,000	5,110	31,100	9.41	NS	20,400	3,070	NS	NS	NA	182,000	NS	NS	NS	NS	NS
Report Number	Sample ID	Date	Depth (ft bgs)		Benzene (mg/kg)	Chloro benzene (ug/kg)	1,2-dichloro benzene (ug/kg)	1,4-dichloro benzene (ug/kg)	Ethyl benzene (ug/kg)	Toluene (ug/kg)	Total xylenes (mg/kg)	Chloro methane (ug/kg)	Styrene (ug/kg)	Trichloro ethene (mg/kg)	Phenol (mg/kg)	2,4,5-trichlorophenol (ug/kg)	p-cresol (ug/kg)	m&p-cresol (ug/kg)	2-nitro phenol (ug/kg)	2,4-methyl phenol (ug/kg)	2,4-dichloro phenol (ug/kg)	2,6-dichloro phenol (ug/kg)	2,4,6-trichloro phenol (ug/kg)	2,4-dichloro phenol (ug/kg)	2,4,5-trichloro phenol (ug/kg)	2,4,6-trichloro phenol (ug/kg)	2,4-dinitro phenol (ug/kg)	4-nitro phenol (ug/kg)	2,3,4,6-tetrachloro phenol (ug/kg)	Pentachloro 2,3,4,6-phenol (ug/kg)	PCP (mg/kg)
24	PW-8A	7/10/1992	24-26	NA																											
			26-28	NA																											
			28-30	NA																											
			30-32	NA																											
26	B-1000	12/15/1992	3-5	0.0139																											
			5-7	0.0382																											
			21-23	0.227																											
		12/16/1992	23-25	5.15																											
	B-1001	12/16/1992	3-5	<0.0101																											
			5-7	<0.0101																											
			21-23	420[5]																											
			23-25	357[1]																											
	B-1002	12/15/1992	3-5	0.152																											
			7-9	<0.0102																											
			21-23	104[5]																											
			23-25	37.5[5]																											
	B-1003	12/16/1992	2-4	1270																											
			4-6	3.55																											
			24-26	31.2																											
			28-30	29																											
	B-1004	12/17/1992	2-4	0.243																											
			8-10	0.249																											
		12/18/1992	24-26	385[5]																											
			28-30	292[1]																											
	B-1005	12/17/1992	2-4	<0.0103																											
			8-10	<0.0105																											
			24-26	354[5]																											
			28-30	20.9																											
	B-1006	12/18/1992	2-4	0.0711																											
			8-10	0.0247																											
			26-28	3.52																											
			28-30	89.6[1]																											
	B-1007	12/18/1992	4-6	0.0644																											
			6-8	0.233																											
		12/17/1992	26-28	607[5]																											
			28-30	755[1]																											
	B-1008	12/17/1992	4-6	NA																											
			10-12	NA																											
			26-28	NA																											
	B-1009	12/18/1992	2-4	NA																											
			14-16	NA																											
			26-28	NA																											
	B-1010	12/17/1992	2-4	NA																											
			6-8	NA																											
			10-12	NA																											
	B-1011	12/18/1992	2-4	NA																											
			6-8	NA																											
			12-14	NA																											
28	B-1100	8/30/1993	10-12	0.42																											
			20-22	<0.1																											
			25-27	0.39																											
			30-32	51[1]												120000[1]	18000	22000[1]	340000	6500	<5000	8300	<5000	<5000	<4000	<4000	<4000	<5000	<5000	45.0[1]
			35-37	15[1]																											
	B-1101	8/30/1993	NR	NA																											
	B-1102	8/30/1993	10	0.05																											
			20	0.214																											
			30	ND																											
			32	4.842																											
	B-1103	8/30/1993	12	0.179																											
			20	0.448																											
			30	1.547																											
			32	7.158																											
	B-1104	8/30/1993	10-12	0.820																											
			20-22	3.2																											
			25-27	3.8																											
			29-31	4.0																											
	B-1105	10/12/1993	10-12	<0.10																											
			20-22	<0.10																											
			30-32	5.1																											
			35-37	46[1]																											
	B-1106	8/30/1993	10	46																											
			20	5.3												13000	10000	9400	74000	7000	5100	5700	<2000	<2000	<4000	<4000	<4000	<2000	6700	<2.0
			25	0.59																											
			35	5.1																											
	B-1107	8/30/1993	10	80.526																											
			20	17.368																											
			26	67.368																											
			28	127.368																											

Table 2
Summary of Previous Soil Sample Results: PCP, Limited VOCs, and Phenols
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				PCP (mg/kg)	Limited VOCs											Phenols															
					Acetone (mg/kg)	1,2,3-trichlorobenzene (ug/kg)	1,2,4-trichlorobenzene (ug/kg)	1,3,5-trichlorobenzene (ug/kg)	Butylbenzene (ug/kg)	Ethyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	Total xylenes (ug/kg)	n-Propyl benzene (ug/kg)	Styrene (ug/kg)	Toluene (mg/kg)	Phenol (mg/kg)	2,4,5-trichlorophenol (ug/kg)	o-cresol (ug/kg)	m&p-cresol (ug/kg)	2-nitrophenol (ug/kg)	2,4-dimethylphenol (ug/kg)	2,4-dichlorophenol (ug/kg)	2,6-dichlorophenol (ug/kg)	4-chloro-3-methylphenol (ug/kg)	2,4,6-trichlorophenol (ug/kg)	2,4,5-trichlorophenol (ug/kg)	2,4-dinitrophenol (ug/kg)	4-nitrophenol (ug/kg)	2,3,4,6-tetrachlorophenol (ug/kg)	Pentachlorophenol (ug/kg)	PCP (mg/kg)
Industrial Direct Contact RCLs				[2]	140,000	600	130	110	5,100	2,900	1,600	4,100[3]	340	1,200	8.2	367,000	5,110	51,100	51,110	NS	20,000	18,000	NS	NS	NS	200,000	NS	NS	NS	NS	2.5
Report Number	Sample ID	Date	Depth (ft. bgs)																												
28	B-1108	8/30/1993	10	190																											
			20	63													34000	<10000	<20000	51000	<10000	<10000	<10000	<10000	<10000	<20000	<2000	<2000	21000	<10000	130
			24	180																											
			28	180													280000	47000	65000	410000	<10000	<10000	<10000	<10000	<10000	<20000	<2000	<2000	13000	<10000	250
	B-1109	8/30/1993	NR	NA																											
32	SS13-1A	3/22/2001	1	0.44																											
	SS13-1B	3/22/2001	1	320[4]																											
	SS13-1C	5/7/2001	2	3.2																											
33	SSPW24W-03	4/24/2006	3	3.7																											
	SSPW24S-01	4/24/2006	1	15.0																											
	SSPW24N-01	4/24/2006	1	0.18																											

Notes:
(1) Concentration detected at this interval is interpreted to be associated with the smear zone. This conclusion is based on the observations that concentrations at shallow intervals were much lower, and that these detections are at intervals of historical water table elevations.
(2) Samples were collected from the floating product layer on top of the water table. Therefore, these results do not represent soil conditions and thus were not identified as an exceedence of soil standards. Concentration listed as percent in report and converted to mg/kg. Samples were stored under refrigeration for a period of time between 1-2 years.
(3) RCL value reported was calculated in NR 720 for protection of groundwater standards.
(4) PCP listed is from lab data sheets associated with the phenols analyses.
(5) Concentrations detected at this interval could not be interpreted as part of the smear zone based on historical water table elevations.
(6) Samples were collected for geotechnical considerations and were stored for 5 years before being analyzed.
(7) As discussed in the report dated May 21, 2001, based on PCP concentrations at sample SS13-1B, additional soil was excavated on May 5, 2001. Therefore, the soil at SS13-1B with a PCP concentration of 320 mg/kg was removed. The PCP concentration of 3.2 mg/kg at SS13-1C represents soil that remained on-site.
(8) Samples were stored under refrigeration for a period of time between 1-2 years.
NA = not analyzed.
ND = analyzed but not detected; ND indicates method detection limit not included in report, otherwise shown as <.
NR = no record of date or depth of sample.
NS = no standard either because no toxicity data for parameter, or RCL is not applicable to this parameter (i.e., TOC, % solids, etc.).
bgs = below ground surface.
Inf = interference.
Bolded values represent exceedence of RCL.

Created by: Nate Keller 11/9/06
Checked by: Ken Mika 11/13/06

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																	Additional Analyses																
				% Solids	Diesel (mg/kg)	Kerosene (mg/kg)	Fuel Oil #5 (mg/kg)	Diesel (mg/kg)	TPH (*based on Stoddard Solvent Std (ppm) else mg/kg)	% TOC (except where noted) (mg/kg)	Ammonia nitrogen as N (mg/kg)	Ethylbenzene (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
			Industrial Direct Contact RCLs	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	936,600	20.4	NS	NS	510	200	889	40,880	20,440	5,110	10,500	307,000	24,528	5.6	500	5,110
Report Number	Sample ID	Date	Depth (ft. bgs)																														
1	B-1	1978	4-5																														
		1978	10-11.5																														
		1978	15-16																														
		1978	20-21																														
	B-2	1978	4-5.5																														
		1978	8-9																														
		1978	15-16.5																														
		1978	20-21																														
	B-3	1978	4-5.5																														
		1978	8-9																														
		1978	15-16.5																														
		1978	20-21																														
		1978	25-26.5																														
2	W-1	12/19/1984	5																														
		12/19/1984	10																														
		12/19/1984	15																														
		12/19/1984	20																														
		12/19/1984	25																														
		12/19/1984	30																														
	W-2	12/19/1984	5																														
		12/19/1984	10																														
		12/19/1984	15																														
		12/19/1984	20																														
		12/19/1984	25																														
		12/19/1984	30																														
	W-3	12/20/1984	5																														
		12/20/1984	10																														
		12/20/1984	15																														
		12/20/1984	20																														
		12/20/1984	25																														
		12/20/1984	37																														
		12/20/1984	40																														
	W-4[4]	12/20/1984	5																														
		12/20/1984	10																														
		12/20/1984	15																														
		12/20/1984	20																														
		12/20/1984	25																														
		12/20/1984	30																														
		12/20/1984	35																														
		12/20/1984	43																														
		12/20/1984	45																														
5	Site 1 / Dip Room	6/19/1986	0.5					14,366.6																									
	Site 2 / Dip Room	6/19/1986	0.5					24,606.6																									
	Site 3 / Dip Room	6/19/1986	0.5					28,166.6																									
	Site 4 / Electric Room	8/5/1986	Surface					28,253																									
	Site 5 / Electric Room	8/5/1986	Surface					187																									
	Site 6 / Electric Room	8/5/1986	Surface					14,293																									
	Site 7 / Electric Room	8/5/1986	Surface					17,427																									
	Site 8 / Electric Room	8/5/1986	Surface					30,427																									
	Site 9 / Holding Room	8/5/1986	Surface					30,383																									
	Site 10 /Holding Room	8/5/1986	Surface					26,773																									
	Site 11 / Holding Room	8/5/1986	Surface					12,353																									
	Site 12 /Holding Room	8/5/1986	Surface					35,567																									
7	W-7[3]	NR	NR																														
	W-4[3]	12/20/1984	NR																														
	W-15[3]	NR	NR																														
	W-6[3]	NR	NR																														
	W-5[3]	NR	NR																														
9	B-100	10/5/1987	4-6					1070		0.39																							
			12-14					<50.0		0.06																							
			14-16					100		0.046																							
			24-26					99.3		0.032																							
			30-32					140		0.043																							
			34-36					473		0.075																							
	B-101	NR	NR																														
	B-102	NR	NR																														

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																															
												Additional Analyses																			
				% Solids	Dinoseb (ug/kg)	Kerosene (mg/kg)	Fuel Oil #6 (mg/kg)	Oil and Grease (mg/kg)	TPH (based on Stoddard Solvent Std. (ppm) see # mg/kg)	% TOC (except where noted mg/kg)	Ammonia nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
Report Number	Sample ID	Date	Industrial Direct Contact RCLs Depth (ft. bgs)	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	306,600	20.4	NS	NS	510	200	835	40,580	20,440	6,110	10,500	967,000	24,528	1.6	5000	6,110
	B-103	10/7/1987	4-6					3690		0.238																					
			8-10					793		0.133																					
			14-16					293		0.039																					
			20-22					<50.0		0.047																					
			24-26					<50.0		0.041																					
			26-28					<50.0		0.04																					
	B-104	10/8/1987	4-6					35800		0.572																					
			10-12					440		0.12																					
			14-16					253		0.01																					
			20-22					100		0.02																					
			24-26					173		0.036																					
			30-32					700		0.039																					
			34-36					2110		0.061																					
9	B-105	10/9/1987	4-6					1500		0.102																					
			10-12					<50.0		0.04																					
			15-17					53.3		0.026																					
			20-22					<50.0		0.016																					
	B-105	10/9/1987	24-26					<50.0		0.026																					
			30-32					1030		0.065																					
			34-36					<50.0		0.072																					
	B-106	10/9/1987	4-6					287		0.064																					
			10-12					<50.0		0.02																					
			17-19					80		0.023																					
			20-22					<50.0		0.019																					
			24-26					113		0.025																					
			30-32					220		0.033																					
			34-36					207		0.037																					
11	Dip room	NR	Surface																												
	B-200	9/21/1988	5-6.5	92.8				233																							
			30-31.5	88.4				50																							
			32.5-34	90.9				695																							
			35-36.5	89.4				442																							
	B-201	9/16/1988	5-6.5	93.0				1480																							
			30-31.5	90.2				200																							
			32.5-34	91.6				689																							
			35-36.5	93.1				169																							
	B-202	9/16/1988	5-6.5	94.6				209																							
			30-31.5	92				240																							
			32.5-34	87.6				901																							
			35-36.5	90.8				319																							
	B-203	9/12/1988	5-6.5	96.2				962																							
			30-31.5	90.1				129																							
			35-36.5	89.4				600																							
	B-204	9/22/1988	5-6.5	94.1				54.9																							
			30-31.5	90.4				50																							
			32.5-34	90.2				968																							
			35-36.5	90.9				433																							
12	B-205	9/19/1988	5-6.5	93.7				259																							
			30-31.5	88.9				124																							
			32.5-34	89.9				1360																							
			35-36.5	87.2				443																							
	B-206	9/17/1988	5-6.5	96.0				180																							
			30-31.5	91.7				50																							
			32.5-34	92.5				733																							
			35-36.5	91.2				150																							
	B-207	9/12/1988	5-6.5	95.8				618																							
			30-31.5	93.2				515																							
			32.5-34	84.1				2410																							
			35-36.5	90.5				460																							
	B-208	9/22/1988	7.5-8	95.4				64.8																							
			30-31.5	91.2				50.0																							
			32.5-34	86.9				1390																							
			35-36.5	91.7				509																							
	B-209	9/20/1988	5-6.5	88.8				274																							
			30-31.5	91.9				50																							
			32.5-34	90.8				245																							
			35-36.5	91.0				1170																							

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																															
														Additional Analyses																	
				% Solids	Dinoseb (ug/kg)	Kerosene (mg/kg)	Fuel Oil #6 (mg/kg)	Oil and Grease (mg/kg)	TPH (Based on Stoddard Solvent-SS) (ppm) else (mg/kg)	TOC (except where noted) (mg/kg)	Ammonia nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
			Industrial Direct Contact RCLs	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	306,800	20.4	NS	NS	510	200	889	40,880	20,440	5,110	10,500	307,000	24,529	1.6	500	5,110
Report Number	Sample ID	Date	Depth (ft. bgs)																												
	B-210	9/17/1988	5-6.5	94.6				334																							
			30-31.5	92.3				140																							
			32.5-34	88.7				702																							
			35-36.5	91.5				213																							
	B-211	9/13/1988	5-6.5	95.2				378																							
			30-31.5	92.5				129																							
			32.5-34	89.9				1060																							
			35-37.5	93.9				173																							
	B-213	9/20/1988	5-6.5	91.6				94.9																							
			30-31.5	89.4				124																							
			32.5-34	90.1				827																							
			35-36.5	91.7				704																							
	B-214	9/17/1988	5-6.5	95.7				340																							
			30-31.5	90.6				54.7																							
			32.5-34	91.3				415																							
			35-36.5	90.0				700																							
	B-215	9/13/1988	5-6.5	94.6				195																							
			30-31.5	88.5				64.1																							
			32.5-34	91.7				589																							
			35-36.5	89.8				225																							
	B-216	9/12/1988	7.5-9	95.6				174																							
			32.5-34	89.9				500																							
			35-36.5	93.0				220																							
			37.5-39	91.0				299																							
	B-217	9/11/1988	5-6.5	93.0				220																							
12			30-31.5	89.6				50.0																							
	B-217	9/27/1988	32.5-34	87.9				453																							
			35-36.5	90.9				405																							
	B-218	9/11/1988	5-6.5	95.8				628																							
			30-31.5	91.0				50.0																							
	B-218	9/27/1988	32.5-34	90.2				588																							
			35-36.5	91.1				924																							
	B-219	9/7/1988	5-6.5	89.0				2970																							
	B-219	9/7/1988	30-31.5	92.4				863																							
			32.5-34	90.5				79.6																							
			35-36.5	89.9				757																							
	B-220	9/6/1988	5-6.5	95.6				1070																							
			30-31.5	88.1				110																							
			32.5-34	92.3				411																							
			35-36.5	91.7				144																							
	B-221	9/10/1988	5-6.5					1170																							
			20-21.5	95.0				50.0																							
			25-26.5	93.1				50.0																							
			30-31.5	88.8				50.0																							
	B-222	9/10/1988	5-6.5	92.6				364																							
			27.5-29	94.6				50.0																							
			30-31.5	91.5				99.9																							
			32.5-34	88.7				1640																							
	B-223	9/9/1988	7.5-9	97.0				50.0																							
			30-31.5	94.1				162																							
			32.5-34	91.9				459																							
			35-36.5	92.5				528																							

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauteco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																															
														Additional Analyses																	
				% Solids	Dinoseb (ug/kg)	Kerosene (mg/kg)	Fuel Oil #5 (mg/kg)	Oil and Grease (mg/kg)	TPH (*based on Stoddard Solvent Std (ppm) else mg/kg)	% TOC (except where noted #mg/kg)	Ammonia nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
			Industrial Direct Contact RGLs	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	306,600	20.4	NS	NS	510	200	889	40,160	20,440	5,110	10,500	207,000	24,528	1.8	500	5,110
Report Number	Sample ID	Date	Depth (ft. bgs)																												
13	B-300	8/24/1989	4-8					283																							
			30-32					608																							
			32-34					229																							
	B-301	8/23/1989	4-6					60																							
			25-27					<50																							
			32-34					355																							
	B-302	8/23/1989	4-6					1000																							
			30-32					165																							
			32-34					398																							
	B-303	8/21/1989	5-7					140																							
			32-34					230																							
			35-39					245																							
	B-304	8/21/1989	4-7					115																							
			34-34					445																							
			35-35.5					<50																							
	B-305	8/22/1989	4-7					830																							
			30-32					<50																							
			35-37					280																							
	B-306	8/22/1989	4-7					1000																							
			32-34					485																							
			35-37					540																							
	B-307	8/22/1989	4-9					135																							
			32-34					504																							
			35-37					745																							
	B-308	8/23/1989	4-10					598																							
			32-34					630																							
			35-36.5					<50																							
	B-309	8/23/1989	4-7					160																							
			32-34					1100																							
			35-37					633																							
14	B-400	12/6/1989	22.5-24	93.3																											
			25-27	95.3																											
			27-29	83.2																											
	B-401	12/7/1989	22.5-24.5	95.9																											
			25-27	91.3																											
			27-29	84.6																											
	B-402	NR	NR																												
	B-403/W-33	12/8/1989	22.5-24.5	95.6																											
			25-27	93.7																											
			27-29	91.9																											
	B-404/W-34	12/8/1989	22.5-24.5	94.7																											
			25-27	92.4																											
			27-29	91.6																											
	B-405	NR	NR																												
	B-406	12/6/1989	22.5-24.5	94.8																											
			25-27	82.0																											
	B-407	12/6/1989	25-27	90.0																											
			27-28.5	91.8																											
	B-408	12/7/1989	22.5-24.5	84.1																											
			25-27	93.9																											
15	B-500	5/15/1990	5-8	86.5																											
			30-31.5	92.1																											
			32-34	88.4																											
	B-501	5/15/1990	5-7	85.8																											
			30-31.5	91.1																											
			32-34	86.4																											
	B-502	5/15/1990	5-7	93.3																											
			30-32	88.0																											
			32-34	86.2																											
	B-503	5/16/1990	5-7	86.0																											
			32-34	86.7																											
			35-37	85.5																											

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																															
											Additional Analyses																				
				% Solids	Dieselb (ug/kg)	Kerosene (mg/kg)	Fuel Oil #5 (mg/kg)	Oil and Grease (mg/kg)	TPH (based on Stoddard Solvent Std (ppm) abs. mg/kg)	% TOC (except where noted) (mg/kg)	Ammonia nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
Report Number	Sample ID	Date	Industrial Direct Contact RCLs Depth (ft. bgs)	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	306,000	20.4	NS	NS	510	200	589	40,880	20,440	5,110	10,500	307,000	24,528	1.6	500	5,110
15	B-504	5/16/1990	5-7	81.4																											
		5/18/1990	32-34	87.4																											
		5/18/1990	35-39	89.0																											
	B-505	5/17/1990	5-7	94.0																											
			30-31.5	89.3																											
			35-37	87.1																											
	B-506	5/17/1990	4-8	93.0																											
			29-30.5	88.0																											
			35-37	85.9																											
	B-507	5/17/1990	4-6	94.2																											
			32-34	82.2																											
			35-39	87.1																											
	B-508	5/17/1990	5-7	92.3																											
			32-34	89.4																											
			35-37	91.5																											
	B-509	5/17/1990	5-7	93.4																											
			32-34	89.1																											
			35-37	88.6																											
	B-503A	5/18/1990	32-34	88																											
			35-39	85.5																											
16	B-700	3/23/1991	1-3					5360		4820 mg/kg																					
			6-7.5					266		ND																					
			10-11.5					93.9		ND																					
			15-16.5					93		ND																					
			19-20.5					ND		ND																					
			24-25					143		157 mg/kg																					
			26-27.5					145		ND																					
			27.5-29			12,600	1450	745		419 mg/kg																					
	B-701	3/23/1991	1-3					203		8780 mg/kg																					
			9-10.5					121		ND																					
			14-15.5					108		ND																					
			19-20.5					103		ND																					
			27-28					989		641 mg/kg																					
			28-29			12700	1750	1200		1020 mg/kg																					
	B-800	3/20-22/1991	1-3					292.0		1840.0 mg/kg																					
			12.5-13.5					ND		ND																					
			15-16.5					76.7		ND																					
			22-23					ND		1740.0 mg/kg																					
			26.5-30					238		863.0 mg/kg																					
	B-801	3/20-22/1991	1-3					526		21700.0 mg/kg																					
			14-15.5					70.2		ND																					
			17.8-18.5					ND		ND																					
			26-27					772.0		599.0 mg/kg																					
			27.5-29					1100.0		ND																					
	B-802	3/20-22/1991	1-3					379		8220.0 mg/kg																					
			5-6.5					ND		366.0																					
			10-11.5					51.4		ND																					
			15-16.5					51.1		ND																					
			23-24.5					345.0		654.0 mg/kg																					
			25-26					530.0		126.0 mg/kg																					
			26-27.5					2600.0		1110.0 mg/kg																					
	B-803	3/20-22/1991	1-3					268.0		27000.0 mg/kg																					
			5-6.5					190.0		2360.0 mg/kg																					
			10-11.5					369.0		10700.0 mg/kg																					
			17-18.5					ND		ND																					
			20-21					ND		ND																					
			22.5-24					97.6		164.0 mg/kg																					
			25-26.5					1160.0		365.0 mg/kg																					

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				% Solids	Dinoseb (ug/kg)	Kerosene (mg/kg)	Fuel Oil #6 (mg/kg)	Oil and Grease (mg/kg)	TPH (~based on Standard Solvent Std (mm) elec mg/kg)	% TOC (except where noted mg/kg)	Ammonia nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
			Industrial Direct Contact RCLs	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	300,000	20,4	NS	NS	510	200	889	40,880	20,440	5,110	10,500	307,000	24,528	1.6	500	5,110
Report Number	Sample ID	Date	Depth (ft. bgs)																											
16	B-804	3/20-22/1991	1-3					ND		9620.0 mg/kg																				
			10-12					ND		ND																				
			20-21					ND		ND																				
			22-24					ND		108.0 mg/kg																				
	B-805	3/20-22/1991	1-3					272.0		10900.0 mg/kg																				
			10-11.5					50.8		ND																				
			17.5-18.5					52.2		ND																				
			22-23					51.8		133.0 mg/kg																				
			24.5-26					574.0		ND																				
			26.5-28					635.0		1590.0 mg/kg																				
	B-806	3/20-22/1991	1-3					602.0		14800.0 mg/kg																				
			14-15.5					ND		ND																				
			19-19.5					ND		160.0 mg/kg																				
			26-27					157.0		184.0 mg/kg																				
			27-29					1450.0		534.0 mg/kg																				
19	Sample 2	9/26/91	0-1.5																											
	Sample 3	9/26/91	0-1.5																											
	Sample 4	9/26/91	0-1.5																											
	Sample 6	9/26/91	0-1.5																											
	Sample 7	9/26/91	0-1.5																											
	Sample 8	9/26/91	0-1.5																											
	B-702	3/5/1991	Below wood floor																											
	B-703	3/5/1991	Below wood floor																											
	B-704	3/5/1991	Below wood floor																											
	B-705	3/5/1991	Below wood floor																											
	B-706	3/5/1991	Below wood floor																											
	B-707	3/5/1991	Below wood floor																											
	B-709	3/5/1991	0-1.5																											
	B-710	3/5/1991	0-1.5																											
	B-712	3/5/1991	0-1.5																											
21	W-1	1/21/1992	~10 ft						2200*																					
	W-2	1/21/1992	~10 ft						820*																					
	W-3	1/21/1992	~10 ft						170*																					
	W-4	1/21/1992	~10 ft						87*																					
	W-5	1/21/1992	Excavated soil pile (impacted)						380*																					
	W-6	1/21/1992							120*																					
	W-7	1/21/1992	Excavated soil pile (clean)						<5.0*																					
	W-8	1/21/1992							930*																					
23	BLDG 4 #1	10/1/1992	Surface						5650																					
	BLDG 4 #2	10/1/1992	Surface						221																					
	BLDG 4 #3	10/1/1992	Surface						5070																					
	North of BIFAR	10/6/1992	Surface ?	83.3																										
24	B-900	6/18/1992	7-9	98.9					62.7		<25.2	103																		
			11-13	98.6					57.8		<25.4	45.6																		
			15-17	96.7					29		<25.6	123																		
			15-17 Dup	94.8					33.8		<26.4	184																		
			19-21	92.4					1080																					
			23-23.3	87.2					950																					
	B-901	6/19/1992	7-9	97.6					30.7		26.1	120																		
			11-13	96.5					29.0		<25.9	79.8																		
			15-17	93.4					24.6		<26.8	208																		
	B-902	6/17/1992	5-7	98.4					24.4		<25.4	57.9																		
			9-11	98.2					25.5		<25.4	97.8																		
			13-15	95.9					22.9		<26.1	20.4																		
			13-15 Dup	98.4					20.3		<25.4	52.8																		
	B-903	6/18/1992	7-9	98.5					30.5		<25.4	95.4																		
			11-13	96.8					10.3		<25.8	123																		
			15-17	94.8					14.8		<26.4	140																		
	B-904	6/17/1992	7-9	97.6					46.1		<25.6	77.9																		
			11-13	94.5					26.5		<26.4	184																		
			15-17	95.0					153		<26.3	90.5																		
			19-21	89.4					2170																					
			21-23	88.5					1130																					
	B-905	6/18/1992	7-9	98.5					25.4		<25.4	72.1																		
			11-13	89.1					10.1		<28.0	175																		
			15-17	87.1					10.3		<28.7	245																		

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																															
											Additional Analyses																				
				% Solids	Dieselo (mg/kg)	Kerosene (mg/kg)	Fuel Oil #6 (mg/kg)	Oil and Grease (mg/kg)	TPH (Based on Stoddard Solvent Std ppm also mg/kg)	TOC (except where noted mg/kg)	Ammonia Nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
			Industrial Direct Contact RCL	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	306,500	20.4	NS	NS	510	290	889	40,280	20,440	5,110	10,500	307,000	24,528	1.6	500	5,110
Report Number	Sample ID	Date	Depth (ft. bgs)																												
24	PW-3R	7/8/1992	13-15	93.5								189																			
			23-25	94.8					327	2160 mg/kg		25.8																			
			25-27	85.7					3500	2280 mg/kg																					
	PW-3S	7/8/1992	22-24	86.2					203	1430 mg/kg																					
			24-26	87.3					2530	1370 mg/kg																					
	PW-3T	7/9/1992	24-26	93.7					299	1340 mg/kg																					
			26-28	90.4					1550	3070 mg/kg																					
			28-30	89.5					22.3																						
	PW-6	7/9/1992	11-13	96.1					10.8	1040 mg/kg			<52.0																		
			13-15	92.5								85.9																			
			23-25	95.3								177																			
			27-29	86.9					834	1040 mg/kg			2070																		
	PW-8A	7/10/1992	24-26	91.7					8.72																						
			26-28	89.4					391	822 mg/kg																					
			28-30	84.9					665																						
			30-32	91.9					10.9																						
26	B-1000	12/15/1992	3-5	95.6					43.9																						
			5-7	97.1					27.8																						
			21-23	91.4					32.8																						
		12/16/1992	23-25	85.7					84.0																						
	B-1001	12/16/1992	3-5	98.9					1720																						
			5-7	98.6					11800																						
			21-23	92.7					73.4																						
			23-25	88.7					67.6																						
	B-1002	12/15/1992	3-5	94.0					5000																						
			7-9	97.6					1330																						
			21-23	93.1					7950																						
			23-25	87.4					20600																						
	B-1003	12/18/1992	2-4	91.8																											
			4-6	92.7																											
			24-26	95.2					3150																						
	B-1003	12/18/1992	29-30	91.1					774																						
	B-1004	12/17/1992	2-4	81.7																											
			8-10	97.4																											
		12/18/1992	24-26	93.1					1140																						
			28-30	89.3					1570																						
	B-1005	12/17/1992	2-4	96.7																											
			8-10	94.9																											
			24-26	93.7					9640																						
			28-30	85.3					270																						
	B-1006	12/18/1992	2-4	95.0																											
			8-10	97.0																											
			26-28	92.5					832																						
			28-30	86.8					12800																						
	B-1007	12/16/1992	4-6	96.8																											
			6-8	97.2																											
		12/17/1992	26-28	94.9					5060																						
			28-30	87.8					6340																						
	B-1008	12/17/1992	4-6	97.1					227																						
			10-12	95.2					126																						
			26-28	93.8					256																						
	B-1009	12/18/1992	2-4	92.5					476																						
			14-16	96.8					<51.7																						
			26-28	93.0					2900																						
	B-1010	12/17/1992	2-4	85.3					387																						
			6-8	96.4					53.9																						
			10-12	97.3					<5.14																						
	B-1011	12/18/1992	2-4	95.1					<5.26																						
			6-8	94.1					<5.31																						
			12-14	96.8					<51.7																						

Table 3
Summary of Previous Soil Sample Results: Metals and Miscellaneous
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information																	Additional Analyses														
				% Solids	Diesel (ug/kg)	Kerosene (mg/kg)	Fuel Oil #6 (mg/kg)	Oil and Grease (mg/kg)	TPH (based on Stoddard Solvent Std (ppm) - GRO mg/kg)	% TOC (except where noted mg/kg)	Ammonia nitrogen as N (mg/kg)	Phosphate (mg/kg)	Mineral Spirits (mg/kg)	Iron (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	TKN (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lithium (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)	Manganese (mg/kg)	Arsenic (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)
			Industrial Direct Contact RCLs	NS	390	NS	NS	NS	NS	NS	NS	NS	NS	306,600	20.4	NS	NS	510	200	889	40,880	20,440	5,110	10,500	307,000	24,525	141.8	500	5,110
Report Number	Sample ID	Date	Depth (ft. bgs)																												
28	B-1100	8/30/1993	10-12																												
			20-22																												
			25-27																												
			30-32	89.8	<5000					250 mg/kg	3.5		910	16993	12	20	70.0	<1.00	36.65	8.809	30.21	<2.49	<2.10	16.05	27.72	300.8	<27.9	<11.1	<19.0
			35-37																												
	B-1101	8/30/1993																													
	B-1102	8/30/1993	10																												
			20	96.1						250 mg/kg	<0.50			6779	14	10	28	<1.00	20.27	1.890	4.853	<2.49	<2.10	6.451	2.849	131.5	<27.9	<11.1	<19.0
			30	91.5						150 mg/kg	2.0			14167	54[3]	20	66.0	<1.00	29.72	8.530	19.69	<2.49	<2.10	14.80	20.78	343.1	<27.9	<11.1	<19.0
			32	89.1						1200 mg/kg	5.0			16280	270[3]	20	134	<1.00	33.38	9.613	22.90	<2.49	<2.10	19.55	28.38	143.8	<27.9	<11.1	<19.0
	B-1103	8/30/1993	12																												
			20																												
			30																												
			32																												
	B-1104	8/30/1993	10-12																												
			20-22																												
			25-27																												
			29-31																												
	B-1105	10/12/1993	10-12																												
			20-22																												
			30-32																												
			35-37																												
	B-1106	8/30/1993	10																												
			20		<2000								620																		
			25																												
			35																												
	B-1107	8/30/1993	10																												
			20																												
			26																												
			28																												
	B-1108	8/30/1993	10																												
			20	93.6	<10000					250 mg/kg	4.5		8500	17495	200	50	412	<1.00	41.42	8.747	32.40	<2.49	<2.10	16.96	134.4	380.5	<27.9	<11.1	<19.0
			24																												
			26	90.0	<10000					430 mg/kg	<0.5		4800	14626	43	35	62	<1.00	31.66	7.695	18.01	<2.49	<2.10	14.39	25.96	254.4	<27.9	<11.1	<19.0
	B-1109	8/30/1993	NR																												
32	SS13-1A	3/22/2001	1																												
	SS13-1B	3/22/2001	1																												
	SS13-1C	5/7/2001	2																												
33	SSPW24W-03	4/24/2006	3																												
	SSPW24S-01	4/24/2006	1																												
	SSPW24N-01	4/24/2006	1																												

Notes:
(1) Concentration detected at this interval is interpreted to be associated with the smear zone. This conclusion is based on the observations that concentrations at shallow intervals were much lower, and that these detections are at intervals of historical water table elevations.
(2) Concentration listed in percent.
(3) Samples were collected from the floating product layer on top of the water table. Therefore, these results do not represent soil conditions and thus were not identified as an exceedence of soil standards. Concentration listed as percent in report and converted to mg/kg. Samples were stored under refrigeration for a period of time between 1-2 years.
(4) Samples were stored under refrigeration for a period of time between 1-2 years.
(5) Concentrations detected at this interval could not be interpreted as part of the smear zone based on historical water table elevations.
* Based on Stoddard Solvent Standard (ppm).
NA = not analyzed.
ND = analyzed but not detected; ND indicates method detection limit not included in report, otherwise shown as <.
NR = no record in reports reviewed.
NS = no standard either because no toxicity data for parameter, or RCL is not applicable to this parameter (i.e., TOC, % solids, etc.).
bgs = below ground surface.
Bolded value represents exceedence of RCL.

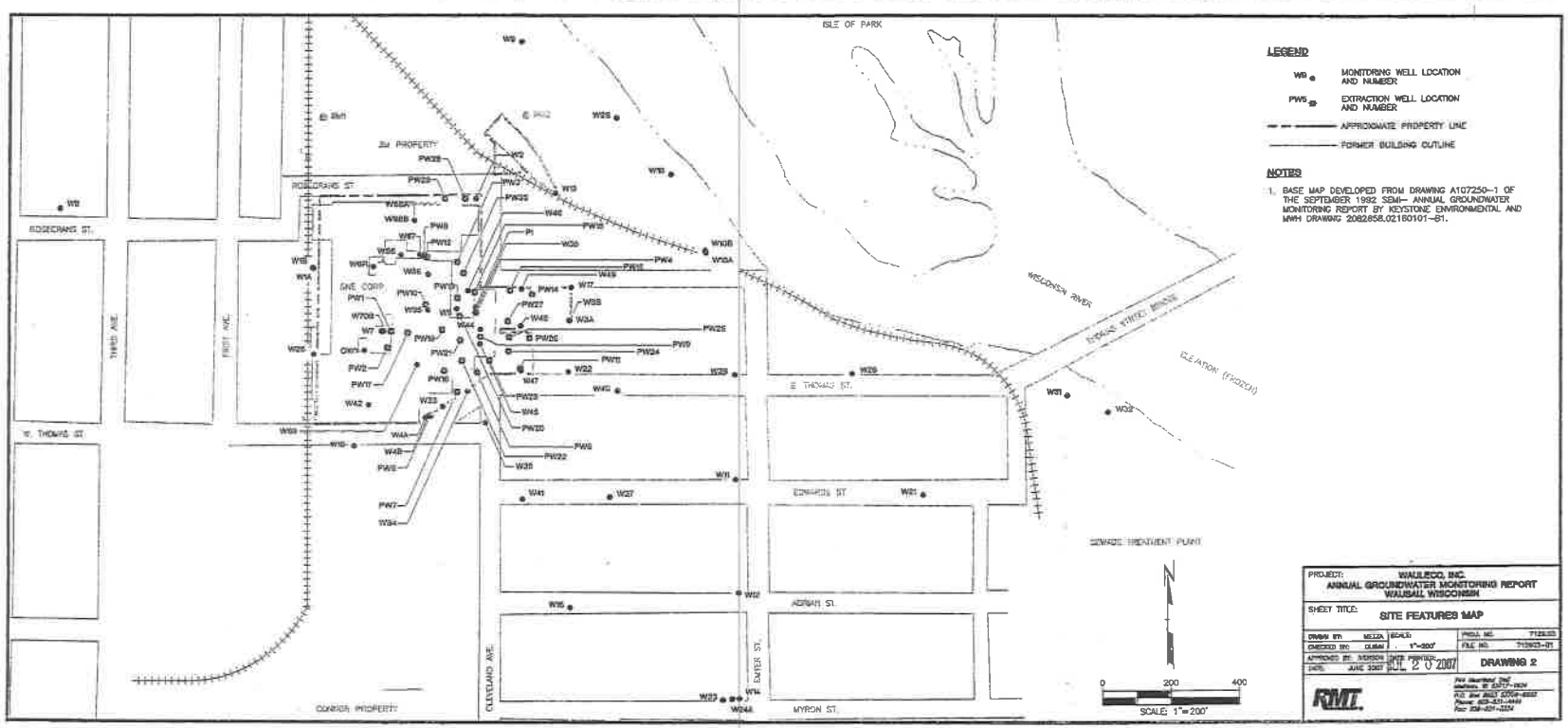
Created by: Nate Keller 11/9/06
Checked by: Ken Mika 11/13/06

Table 4
Summary of Previous Soil Sample Results: Dioxin and Furan
Wauleco, Inc.
125 Rosecrans Street
Wausau, Wisconsin

Sample Information				Dioxins (ng/g)										Furans (ng/g)										TEQ
Region Number	Sample ID	Date	Depth (ft. bgs)	Tetra	i-TEF = 1	Penta	i-TEF = 0.5	Hexa	i-TEF = 0.1	Hepta	i-TEF = 0.01	Octa	i-TEF = 0.001	Tetra	i-TEF = 0.1	Penta	i-TEF = 0.05	Hexa	i-TEF = 0.1	Hepta	i-TEF = 0.01	Octa	i-TEF = 0.001	Standard (20 ng/g)
5	Site 1	6/19/1986	0.5	ND	0	ND	0	270	27	3,600	36	11,600	11.6	7.6	0.76	68.5	3.425	473	47.3	1,130	11.3	1,180	1.18	**138.565**
	Site 2	6/19/1986	0.5	ND	0	ND	0	297	29.7	4,380	43.8	14,500	14.5	3.3	0.33	102	5.1	562	56.2	1,460	14.6	2,000	2	**166.23**
	Site 3	6/19/1986	0.5	ND	0	ND	0	283	28.3	4,740	47.4	14,400	14.4	2.4	0.24	86.3	4.315	607	60.7	1,620	16.2	3,030	3.03	**174.585**
	Site 7	8/5/1986	Surface	0.081	0.081	0.48	0.24	116	11.6	1,680	16.8	7,060	7.06	1.6	0.16	26	1.3	440	44	1,960	19.6	3,350	3.35	**104.191**
	Site 10	8/5/1986	Surface	0.03	0.03	0.52	0.26	160	16	3,920	39.2	18,500	18.5	2.1	0.21	37.4	1.87	380	38	2,370	23.7	9,150	9.15	**146.92**
7	W-7[2]	NR	NR	ND	0	4.6	2.3	1,340	134	16,500	165	48,800	48.8	13.9	1.39	268	13.4	2,270	227	9,530	95.3	66,600	66.6	753.79
	W-4[2]	NR	NR	ND	0	ND		735	73.5	9,990	99.9	43,000	43	29.9	2.99	262	13.1	2,380	238	13,500	135	73,900	73.9	679.39
	W-15[2]	NR	NR	ND	0	25.2	12.6	1,120	112	171,000	1710	70,900	70.9	35.2	3.52	213	10.65	3,270	327	24,300	243	111,000	111	2600.67
	W-6[2]	NR	NR	3.3	3.3	18.4	9.2	668	66.8	11,900	119	57,600	57.6	19.3	1.93	174	8.7	2,760	276	17,000	170	854,000	854	1566.53
11	Dip Room	NR	Surface	No Information	--	No information	--	0.0571	0.00571	0.941	0.00941	2.56	0.00256	0.00067	0.000067	0.0136	0.00068	0.135	0.0135	0.461	0.00461	0.507	0.000507	0.037044
12	B-217	9/27/1988	32.5-34	ND	0	0.85	0.425	17	1.7	78	0.78	99	0.099	ND	0	ND	0	6.8	0.68	120	1.2	390	0.39	5.274

Created by: Nate Keller/Barbara Gilijer
Checked by: Bruce Iverson

Notes:
(1) Standard is the 2,3,7,8 TCDD OSWER cleanup level for an industrial setting.
(2) Samples were collected from the floating product layer on top of the water table. Therefore, these results do not represent soil conditions and thus were not identified as an exceedence of soil standards. Samples were stored under refrigeration for a period of time between 1-2 years.
NA = not analyzed.
ND = analyzed but not detected; ND indicates method detection limit not included in report, otherwise shown as <.
NR = no record of date or depth of sample.
bgs = below ground surface.
TEQ = sum of concentrations of individual congeners * congener-specific TEF.
TEQ = TCDD Toxicity Equivalence Concentration.
TEF = Toxicity Equivalency Factor (international TEFs were used).
Bolded values represent exceedence of standard.


ISLE OF PARK
RIDGEGRANS ST.
THIRD AVE.
FIRST AVE.
W. THOMAS ST.
E. THOMAS ST.
EDWARDS ST.
ADRIAN ST.
MYRON ST.
CLEVELAND AVE.
BAXTER ST.
WISCONSIN RIVER
SEWAGE TREATMENT PLANT
GNE CORP.
CONRICH PROPERTY
LEGEND
MONITORING WELL LOCATION AND NUMBER
EXTRACTION WELL LOCATION AND NUMBER
APPROXIMATE PROPERTY LINE
FORMER BUILDING OUTLINE
NOTES
1. BASE MAP DEVELOPED FROM DRAWING A107250-1 OF THE SEPTEMBER 1992 SEMI- ANNUAL GROUNDWATER MONITORING REPORT BY KEYSTONE ENVIRONMENTAL AND MWH DRAWING 2082658.02160101-81.
0 200 400
SCALE: 1"=200'
PROJECT: WAULECO, INC.
ANNUAL GROUNDWATER MONITORING REPORT
WAUSAU, WISCONSIN
SHEET TITLE: SITE FEATURES MAP
DRAWN BY: MCCZA
CHECKED BY: CLISAK
SCALE: 1"=200'
APPROVED BY: MORGAN
DATE: JUNE 2007
DATE REVISED: JUL 2 0 2007
DRAWING 2
RMT