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KENOSHA CO.

GROUNDWATER MONITORING REPORT
DECEMBER 1993 QUARTERLY SAMPLING
CHRYSLER KENOSHA MAIN PLANT
KENOSHA, WISCONSIN

PREPARED FOR:

CHRYSLER CORPORATION
FEATHERSTONE ROAD ENGINEERING CENTER
2301 FEATHERSTONE ROAD, CIMS 429-02-04
AUBURN HILLS, MICHIGAN 48326

TRIAD ENGINEERING PROJECT NO. 11013

JANUARY 1994

TRIAD ENGINEERING INCORPORATED

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TRIAD
ENGINEERING
INCORPORATED

January 20, 1994

Mr. Gregory M. Rose
Deactivation Environmental Specialist
Environmental and Energy Affairs
Chrysler Corporation, Featherstone Road Engineering Center
2301 Featherstone Road, CIMS 429-02-04
Auburn Hills, Michigan 48326

Subject: **Groundwater Monitoring Report**
December 1993 Quarterly Sampling
Chrysler Corporation Kenosha Main Plant
Kenosha, Wisconsin
Triad Engineering Project W943163.007

Dear Mr. Rose:

Triad Engineering Incorporated (Triad) is pleased to present this groundwater monitoring report for sampling performed during December 1993 at the Kenosha Main Plant. The work was performed in accordance with the Scope of Work specified in our proposal dated February 16, 1993, and included the following tasks:

- Water Table Mapping,
- Groundwater Sampling, and
- Summary Tables.

Water Table Mapping

Groundwater surface elevations were measured between December 14-16, 1993, and were contoured to assess apparent groundwater flow directions across the site. This information is provided in Attachment A and shown on Drawing 1. Groundwater continues to be drawn towards the existing active groundwater recovery systems. Please note that Sump 1 is no longer in operation. The Wisconsin Department of Natural Resources (WDNR) no longer requires recovery of groundwater at this location. Sumps 4 and 5 were not operating at the time of water level measurements pending installation of groundwater treatment systems. Sumps 4 and 5 are scheduled to be reactivated in February 1994.

Groundwater Sampling

Groundwater samples were collected from 39 monitoring wells between December 14-16, 1993, to satisfy the WDNR's quarterly sampling requirements. The groundwater sampling and analysis program was completed in accordance with the specifications given in Table 1.

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Sampling protocols utilized by Triad followed the WDNR February 1987 Groundwater Sampling Guidelines. Samples were submitted to Swanson Environmental, Inc. Brookfield, Wisconsin, a state-certified laboratory. Monitoring well MW-11C was found to be irreparably damaged during sampling. The well will be abandoned and replaced.

Summary Tables

Groundwater quality results, including results for field duplicate samples are provided in Tables 2 through 9. As shown, data presentation is limited to detected constituents and the reported concentrations are referenced (by analyte) to the groundwater quality standards given in Chapter NR 140, Wisconsin Administrative Code (Groundwater Quality) for ease of comparison.

Two quality control trip blanks were also analyzed for volatile organic compounds as part of the groundwater monitoring program. The results of trip blank analysis are not presented on the tables. No significant detections occurred for the samples.

Laboratory analytical reports, chain-of-custody forms, and water sampling field data summary forms are contained in Attachment B.

We trust this information meets your needs. If you have any questions or comments, please do not hesitate to call.

Sincerely,

TRIAD ENGINEERING, INC.

Richard J. Binder, PG
Project Manager

TRIAD ENGINEERING, INC.

Jeanne M. Ramponi
Hydrogeologist

RJB:klb
Enclosure
W943163\943163.007\943163-A

cc: Mr. Jack Bugno, Chrysler-Kenosha
Mr. Dave Voight, Triad
Ms. Lori G. Bowman, Triad

TABLE 1
DECEMBER 1993 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS SPECIFICATIONS
CHRYSLER CORPORATION KENOSHA MAIN PLANT
KENOSHA, WISCONSIN

Well Number	VOCs (8021)[1]	BTEX (8020)[1]	Cyanide* (335.2)[1]	Comments
North Area/Site MP-1				
MW-2				Water level only. Possible future closeout sampling per WDNR.
North Area/Site MP-2				
MW-10				Water/product level only.
MW-29	X			
MW-29A	X			
MW-30	X			
MW-31	X			
MW-34R	X			
MW-35B	X			
MW-36A	X			
MW-37				Water level only. Not sampled due to bent riser pipe.
MW-38	X(2)			
MW-40	X			
MW-41	X			
Sump-4				Water/product level only. Sump discharge sampled bi-monthly.
Sump-5				Water/product level only. Bi-monthly sampling.
Sump-5A				Water/product level only. Observation/recovery sump.
Sump-5B				Water/product level only
Sump-5C				Water/product level only
OW-3				Observation well, water/product level only.
OW-4				Observation well, water/product level only.
North Area/Site MP-3				
MW-11	X			
MW-11A	X			Well repaired, sampled.
MW-11B	X			
MW-11C				Well not sampled.
MW-11D				Well abandoned.
North Area/Site MP-4				
MW-12	X			
North Area/Site MP-5				
MW-5		X		
Sump-3				Water level only. Sump discharge sampled bi-monthly.

VOCs = Volatile Organic Compounds
= EPA Analytical Method Number "Testing Methods for Evaluating Solid Waste, Physical/Chemical Methods." U.S. EPA, SW-846, 3rd Edition, September 1986.
* = Samples collected for analysis of cyanide were field filtered prior to preservation.
NOTE: Water/product levels were measured at each well location.

TABLE 1
DECEMBER 1993 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS SPECIFICATIONS
CHRYSLER CORPORATION KENOSHA MAIN PLANT
KENOSHA, WISCONSIN (Continued)

Well Number	VOCs (8021)[1]	BTEX (8020)[1]	Cyanide* (335.2)[1]	Comments
North Area/Site MP-6 and Bldg. 45				
MW-4				Water level only.
MW-6				Water level only. Well to be abandoned pending WDNR UST closeout.
MW-6A				Water level only. Well to be abandoned pending WDNR UST closeout.
MW-6B				Well abandoned.
MW-6C				Water level only.
MW-7				Water level only. Well to be abandoned pending WDNR UST closeout.
MW-8				Water level only. Well to be abandoned per WDNR approval.
MW-8A				Water level only. Well to be abandoned per WDNR approval.
South Area/Site MP-7				
MW-13				Well abandoned.
MW-13A				Water level only.
MW-14	X		X	
MW-15				Water level only
MW-16	X(2)		X(2)	
MW-16A	X		X	
MW-17	X		X	
MW-43	X		X	
OW-1				Observation well, water level only.
OW-2				Observation well, water level only.
Sump-1				Water/product level only.
South Area/Site MP-8				
MW-3				Possible future use/closeout.
MW-18	X(2)		X(2)	
MW-18A	X			
MW-18B	X			
MW-18C	X		X	
MW-18D	X		X	
MW-19	X			
MW-20	X		X	
MW-44	X			
Sump-2				Water/product level only. Sump discharge sampled bi-monthly.
Obsrv. Sump				Water/product level only.

VOCs = Volatile Organic Compounds
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= Samples collected for analysis of cyanide were field filtered prior to preservation.
NOTE: Water/product levels were measured at each well location.

TABLE 1
DECEMBER 1993 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS SPECIFICATIONS
CHRYSLER CORPORATION KENOSHA MAIN PLANT
KENOSHA, WISCONSIN (Continued)

Well Number	VOCs (8021)[1]	BTEX (8020)[1]	Cyanide* (335.2)[1]	Comments
North Area/Site MP-9				
MW-21	X			
MW-21A	X			
South Area/Site MP-12				
MW-22				Water level only. Well to be abandoned pending WDNR AST closeout.
South Area/Site MP-13				
MW-23				Water level only.
North Area/Site MP-14 (Bonnie Hame Property)				
MW-24A				Water level only. Well to be abandoned per WDNR approval.
North Area/Site MP-15 (North Receiving Lot)				
MW-5A				Water level only.
MW-24				Water level only.
North Area/Site MP-16				
MW-25	X			
MW-26	X			
MW-27	X			
MW-27A	X			
MW-27B	X(2)			
MW-27C	X			
MW-27D	X			
MW-27E	X			
MW-28	X			
MW-45	X			
Sump 6				Water level only.
OW-5				Observation well, water level only.
OW-6				Observation well, water level only.
OW-7				Observation well, water level only
Engine Plant Property				
MW-1				Well is abandoned.
Quality Control				
Well Total	39	1	10	
Trip Blanks	2			
Quality Control Total	2			

VOCs = Volatile Organic Compounds
1 = EPA Analytical Method Number "Testing Methods for Evaluating Solid Waste, Physical/Chemical Methods." U.S. EPA, SW-846, 3rd Edition, September 1986.
* = Samples collected for analysis of cyanide were field filtered prior to preservation.
NOTE: Water/product levels were measured at each well location.

TABLE 2
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-2

PARAMETER	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29A	MW-29A	MW-29A	MW-29A	MW-29A	MW-30	MW-30	MW-30	MW-30	MW-30	MW-31	MW-31	MW-31	MW-31	MW-31	NR 140**	
DATE	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	B3002	B4322	A2594	B1332	B2147	B3002	B4322	A2594	B1332	B2147	B3002	B4322	A2594	B1332	B2147	B3002	B4322	A2594		
VOLATILE ORGANIC COMPOUNDS																						
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	2.0	< 0.5	< 0.5	< 0.5	< 1.5	1.5	< 0.5	< 0.5	< 0.5	•	•
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	400	80
DICHLORODIFLUOROMETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.8	< 0.8	< 0.6	< 0.6	0.8	850	85
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.6	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	1.8	< 0.5	7	0.024
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.0			< 0.5	< 0.5	1.2	6	.6
CIS-1,2-DICHLOROETHENE	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	2.2	2.5	3.5	1.4	4.6	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	1.1	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 2.1	2.6	< 2.0	< 2.0	20•	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.1	5.1	< 2.0	< 2.0	21•	< 2.1	7.0	< 2.0	< 2.0	20•	150	15
TOLUENE	< 0.7	1.0	1.3	< 0.5	< 0.5	1.7	1.0	1.2	< 0.5	< 0.5	1.9	0.9	1.0	< 0.5	< 0.5	1.9	0.9	1.2	< 0.5	< 0.5	343	68.6
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5	0.7	•	•
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	0.7	< 0.5	1.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	0.6	4.0	0.7	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	2.5	< 0.8	< 0.5	1.7	0.8	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	1.1	1.3	2.1	< 0.8	1.4	3.1	1.2	3.6	5	0.18
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.5	< 0.5	1.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	•	•
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.9	< 0.7	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	1.1	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	<0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
• No standards currently exist
•• Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
1 Field Duplicate Sample
2 Duplication of Results hindered by high analyte concentration
• Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.
Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

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TABLE 2 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-2

PARAMETER	MW-34R	MW-34R	MW-34R	MW-34R	MW-36A	MW-36A	MW-36A	MW-36A	MW-36A	MW-37	MW-37	MW-38	MW-38	MW-38D[1]	MW-38	MW-83[1]	MW-38	MW-83[1]	NR 140**	
DATE	12/21/92	06/15/93	09/21/93	12/14/93	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	12/21/92	03/26/93	12/21/92	03/25/93	03/25/93	06/15/93	06/15/93	09/21/93	09/21/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B3002	B4322	A2594	B1332	B2147	B3002	B4322	A2594	B1332	B2084	B1332	B2147	B2147	B3002	B3002	B4322	B4322		
VOLATILE ORGANIC COMPOUNDS																				
BENZENE	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	0.9	< 0.6	< 0.6	< 6	< 0.5	< 0.5	< 2.5	< 2.5	5	0.067
TERT-BUTYLBENZENE	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	1.7	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 1.5	< 15	< 0.5	< 0.5	< 2.5	< 2.5	*	*
CHLOROETHANE	< 1.0	< 0.5	< 0.5	< 0.5	50	33	31	41	68	< 1.0	< 1.0	33	< 10	< 10	18	18	25	20	400	80
DICHLORODIFLUOROMETHANE	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 10	< 10	< 0.5	< 0.5	< 2.5	< 2.5	*	*
1,1-DICHLOROETHANE	< 0.8	< 0.6	0.7	< 0.6	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.8	1.3	220	73	76	100	83	210	190	850	85
1,1-DICHLOROETHENE	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 13	< 13	1.2	1.3	< 2.5	< 2.5	7	0.024
CHLOROFORM	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6	.6
1,2-DICHLOROPROPANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
CIS-1,2-DICHLOROETHENE	< 1.5	< 0.6	< 0.6	2.7	12	7	9.4	7.5	< 0.6	< 1.5	< 1.0	320	270	270	270	180	550[2]	4302[2]	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	6.4	< 1.2	< 1.2	20	17	17	9.2	9.5	18	18	100	20
ISOPROPYLBENZENE	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.6	< 6	< 6	< 0.5	< 0.5	< 2.5	< 2.5	*	*
METHYLENE CHLORIDE	< 2.1	< 2.0	< 2.0	< 2.0	4.1	< 2.1	< 2.0	< 2.0	22*	< 2.1	< 2.1	< 2.1	< 21	< 21	< 2.0	< 2.0	< 2.5[2]	37[2]	150	15
TOLUENE	< 0.7	1.1	< 0.5	1.3	2.3	0.9	1.2	< 0.5	< 0.5	< 0.7	< 0.7	1.7	8.1	8.2	1.2	1.2	< 2.5	< 2.5	343	68.6
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,1,1-TRICHLOROETHANE	< 0.8	0.6	11	1.9	< 0.8	< 0.8	0.6	< 0.5	< 0.5	< 0.8	< 0.8	1.0	< 8	9.5	0.9	9.9	< 2.5	< 2.5	200	40
TRICHLOROETHENE	< 0.8	0.9	< 0.5	2.3	< 0.8	< 0.8	< 0.5	< 0.5	1.6	< 0.8	< 0.8	23	26	29	13	17	33	32	5	0.18
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	.1
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.8	< 8	< 8	< 0.5	< 0.5	< 2.5	< 2.5	*	*
VINYL CHLORIDE	< 0.7	< 0.5	< 0.5	< 0.5	16	4.5	23	9.8	5.4	< 0.7	< 0.7	460	210	240	340	240	380	320	0.2	0.0015
O-XYLENE	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 10.0	< 10.0	< 0.5	< 0.5	< 2.5	< 2.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 10	< 10	< 0.5	< 0.5	< 2.5	< 2.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
ND Not Detected
[1] Field Duplicate Sample
[2] Duplication of results hindered by high analyte concentration
• Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.
Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 2 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-2

PARAMETER	MW-38	MW-138[1]	MW-40	MW-40	MW-40	MW-40	MW-40	MW-41	MW-41	MW-41	MW-41	MW-41	NR 140**	
DATE	12/14/93	12/14/93	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	12/21/92	03/25/93	06/15/93	09/21/93	12/14/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	A2594	A2594	B1332	B2147	B3002	B4322	A2594	B1332	B2147	B3002	B4322	A2594		
VOLATILE ORGANIC COMPOUNDS														
BENZENE	< 0.5	< 0.5	< 0.6	0.6	< 0.5	< 0.5	< 0.5	< 0.6	0.8	1.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 0.5	< 0.5	< 1.5	1.7	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	22	23	< 1.0	< 1.0	1.2	16	9.9	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	400	80
DICHLORODIFLUOROMETHANE	< 0.5	< 0.5	20	< 1.0	46	57	18	< 1.0	20	< 0.5	< 0.5	< 0.5	*	*
1,1-DICHLOROETHANE	250	220	16	1.1	25	110	67	< 0.8	6.8	0.9	0.8	0.8	850	85
1,1-DICHLOROETHENE	2.8	3.0	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	0.9	7	0.024
CHLOROFORM	0.8	0.8	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6	.6
1,2-DICHLOROPROPANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
CIS-1,2-DICHLOROETHENE	540	460	< 1.5	5.8	1.7	1.9	3.7	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	19	21	< 1.2	< 1.2	< 0.7	1.1	2.9	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	100	20
ISOPROPYLBENZENE	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	0.7	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	19*	21*	< 2.1	4.0	< 2.0	< 2.0	23*	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	150	15
TOLUENE	< 0.5	< 0.5	1.6	< 0.7	1.2	< 0.5	< 0.5	< 0.7	0.8	1.2	< 0.5	< 0.5	343	68.6
TRICHLOROFLUOROMETHANE	1.0	1.1	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,1,1-TRICHLOROETHANE	1.1	1.1	2.9	1.0	1.5	2.1	3.5	< 0.8	1.7	0.8	< 0.5	< 0.5	200	40
TRICHLOROETHENE	60	60	2.8	0.8	3.5	5.0	4.1	< 0.8	2.3	< 0.5	< 0.5	< 0.5	5	0.18
1,1-DICHLOROPROPENE	0.9	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
TETRACHLOROETHENE	0.6	0.6	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	.1
1,3,5-TRIMETHYLBENZENE	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	*	*
VINYL CHLORIDE	140	140	< 0.7	6.7	0.8	3.0	3.0	< 0.7	0.9	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 0.5	< 0.5	< 1.0	1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
[1] Field Duplicate Sample
[2] Duplication of Results hindered by high analyte concentration
[*] Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 3
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-3

PARAMETER	MW-11	MW-11	MW-11	MW-11	MW-11A	MW-11A	MW-11A	MW-11B	MW-11B	MW-11B	MW-11B	MW-11B	MW-11C	NR 140**	
DATE	12/21/92	03/26/93	06/16/93	12/14/93	06/15/93	09/24/93	12/14/93	12/21/92	03/24/93	06/15/93	09/23/93	12/14/93	03/26/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2084	B5972	A2594	B3002	B4440	A2594	B1332	B2102	B3002	B4440	A2594	B2084		
VOLATILE ORGANIC COMPOUNDS															
BENZENE	68	82	95	82	41	< 0.5	130	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	0.7	5	0.067
N-BUTYLBENZENE	6.0	< 27	< 25	< 2.5	2.4	< 0.5	< 2.5	< 1.1	< 1.1	< 0.5	4.0	< 0.5	1.7	•	•
SEC-BUTYLBENZENE	< 0.7	< 17	< 40	< 4	1.1	< 0.8	< 4	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.7	•	•
CHLOROETHANE	< 1.0	< 25	< 25	< 2.5	< 0.5	< 0.5	< 2.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	65	400	80
1,1-DICHLOROETHANE	< 0.8	< 20	< 30	< 3.0	< 0.6	< 0.6	< 3.0	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	3.4	850	85
CIS-1,2-DICHLOROETHENE	2.6	< 37	< 30	< 3.0	< 0.6	< 0.6	< 3.0	< 1.5	< 1.0	< 0.6	2.0	< 0.6	1.8	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 30	< 35	< 3.5	< 0.7	< 0.7	< 3.5	< 1.2	< 1.2	< 0.7	0.9	< 0.7	2.4	100	20
ETHYLBENZENE	510	460	1100	540	1.1	< 0.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1360	272
ISOPROPYLBENZENE	1.2	27	25	31	6.9	< 0.5	7.1	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	•	•
P-ISOPROPYLTOLUENE	< 0.7	< 17	< 25	< 2.5	< 0.5	< 0.5	10	< 0.7	< 0.7	< 0.5	0.5	< 0.5	0.9	•	•
METHYLENE CHLORIDE	< 2.1	100	< 100	< 10	< 2.0	< 2.0	17*	2.7	< 2.1	< 2.0	< 2.0	< 2.0	2.6	150	15
NAPHTHALENE	< 1.5	< 37	57	81	1.0	< 0.7	3.5	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 1.5	40	8
N-PROPYLBENZENE	35	< 22	30	50	9.2	< 0.6	12	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.9	•	•
STYRENE	< 0.6	< 0.6	< 0.6	24	< 0.6	< 0.6	< 3.0	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 22	< 25	< 2.5	< 0.5	< 0.5	< 2.5	< 0.9	< 0.9	< 0.5	0.6	< 0.5	< 0.9	1	0.1
TOLUENE	19	48	81	28	2.9	< 0.5	< 2.5	1.9	< 0.7	1.1	< 0.5	< 0.5	0.7	343	68.6
TRICHLOROETHENE	2.9	< 20	< 25	41	< 0.5	< 0.5	< 2.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	5	0.18
1,2,4-TRIMETHYLBENZENE	64	69	100	36	2.2	1.2	< 4.5	< 1.0	< 1.0	< 0.9	< 0.9	< 0.9	1.8	•	•
1,3,5-TRIMETHYLBENZENE	94	100	97	41	1.1	< 0.5	7.3	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	1.3	•	•
VINYL CHLORIDE	< 0.7	< 17	< 25	< 2.5	<0.5	< 0.5	< 2.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.8	0.2	0.0015
O-XYLENE	17	45	< 25	< 2.5	<0.5	< 0.5	< 2.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	1100	1100	1900	1000	14	< 0.5	7.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
• No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
• Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 4
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-4

PARAMETER	MW-12	MW-12	MW-12	MW-12	MW-12	NR140**	
DATE	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	B3002	B4322	A2594		
VOLATILE ORGANIC COMPOUNDS							
TERT-BUTYLBENZENE	< 1.5	1.7	< 0.5	< 0.5	< 0.5	*	*
TOLUENE	1.7	0.8	1.2	< 0.5	< 0.5	343	68.6
O-XYLENE	< 1.0	1.1	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit

Laboratory analysis by Swanson Environmental, Inc., Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

W943163.007\943163-5(klb)

TABLE 5
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-5

PARAMETER	MW-5	MW-5	MW-5	MW-5	MW-5	NR 140**	
DATE	12/23/92	03/26/93	06/17/93	09/22/93	12/14/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2084	B3092	B4226	B5090		
VOLATILE ORGANIC COMPOUNDS							
BENZENE	68	110	100	35	< 1	5	0.067
N-BUTYLBENZENE	2.5	N/A	N/A	1.8	N/A	•	•
TERT-BUTYLBENZENE	2.4	N/A	N/A	2.1	N/A	•	•
CHLOROETHANE	5.1	N/A	N/A	5.3	N/A	400	80
CIS-1,2-DICHLOROETHENE	3.6	N/A	N/A	5.0	N/A	100	10
ETHYLBENZENE	6.3	12	< 5.0	1.8	< 1	1360	272
ISOPROPYLBENZENE	< 0.6	N/A	N/A	0.7	N/A	•	•
NAPHTHALENE	< 1.5	N/A	N/A	3.3	N/A	40	8
N-PROPYLBENZENE	4.3	N/A	N/A	1.3	N/A	•	•
TOLUENE	1.9	5	< 5.0	< 0.5	< 1	343	68.6
1,2,4-TRIMETHYLBENZENE	< 1.0	N/A	N/A	5.4	N/A	•	•
1,3,5-TRIMETHYLBENZENE	4.0	N/A	N/A	< 0.5	N/A	•	•
VINYL CHLORIDE	0.8	N/A	N/A	< 0.5	N/A	0.2	0.0015
O-XYLENE	3.6	N/A	N/A	< 0.5	N/A	620 (TOTAL)	124 (TOTAL)
XYLENES (Total)***	3.6	7	< 5.0	1.4	< 1	620 (TOTAL)	124 (TOTAL)

Note: All values in μg/l (parts per billion)
• No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
*** Sum of O-Xylene and M&P-Xylene
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
N/A Not Analyzed

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 6
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-7

PARAMETER	MW-14	MW-14	MW-14	MW-14	MW-14	MW-16	MW-16	MW-16D[1]	MW-16	MW-61[1]	MW-16	MW-61[1]	MW-16	MW-116[1]	MW-16A	MW-16A	MW-16A	MW-16A	MW-16A	NR 140**	
DATE	12/15/92	03/25/93 03/26/93	06/17/93	09/23/93	12/15/93	12/15/92	03/25/93 03/26/93	03/25/93 03/26/93	06/17/93	06/17/93	09/23/93	09/23/93	12/15/93	12/15/93	12/15/92	03/25/93 03/26/93	06/17/93	09/23/93	12/15/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1306	B2147/ B2084	B3092	B4440	A2593	B1306	B2147/ B2084	B2147/ B2084	B3092	B3092	B4440	B4440	A2594	A2593	B1306	B2187/ B2084	B3092	B4440	A2590		
INORGANICS																					
CYANIDE	< 10	< 10	< 10	< 10	N/A	500	440	< 10	310	260	170	150	N/A	N/A	20	< 10	70	10	N/A	200	40
VOLATILE ORGANIC COMPOUNDS																					
BENZENE	< 0.6	< 0.6	<0.5	< 0.5	< 0.5	< 0.6	0.8	< 0.6	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	5	0.067
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	0.6	< 0.5	< 1.1	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	*	*
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	*	*
CHLORODIBROMOMETHANE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 0.5	< 0.5	4.3	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	215	43
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	2.1	1.8	4.2	5.0	< 0.5	4.0	2.7	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	400	80
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.8	1.0	1.4	2.5	2.2	1.3	1.6	1.2	2.3	< 0.8	< 0.8	< 0.6	< 0.5	< 0.6	850	85
CIS-1,2-DICHLOROETHENE	< 1.0	< 1.0	< 0.6	1.9	< 0.6	< 1.0	< 1.0	< 1.0	<0.6	<0.6	1.9	1.8	< 0.6	2.7	< 1.0	< 1.0	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 1.2	< 0.7	<0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	0.7	0.8	< 0.5	<0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	< 2.1	7.5	< 2.0	< 2.0	< 2.1	< 2.1	< 2.1	< 2.0	<2.0	< 2.0	< 2.0	< 2.0	3.0*	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	150	15
TOLUENE	< 0.7	0.9	< 0.5	< 0.5	< 0.5	< 0.7	1.0	0.8	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	1.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	2.1	2.6	5.0	4.2	0.6	0.8	< 0.5	2.0	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	1.2	< 0.5	< 0.8	1.0	1.0	1.7	1.5	1.2	1.0	< 0.5	2.4	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	5	0.18
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	1.0	< 0.5	< 0.5	< 0.5	< 1.0	1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
*** Possible carry over
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
N/A Not Analyzed
[1] Field Duplicate Sample
* Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #26B181760

TABLE 6 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-7

PARAMETER	MW-17	MW-17	MW-17	MW-17	MW-17	MW-43	MW-43	MW-43	MW-43	MW-43	NR 140**	
DATE	12/22/92	03/24/93	06/16/93	09/23/93	12/15/93	12/22/92	03/24/93 03/26/93	06/16/93	09/23/93	12/15/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1326/ B1332	82102	85972	84440	A2590	B1332/ B1326	B2102/ B2084	B5972	B4440	A2593		
INORGANICS												
CYANIDE	< 10	N/A	< 10	< 10	N/A	< 10	70	< 10	140	N/A	200	40
VOLATILE ORGANIC COMPOUNDS												
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.6	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	400	80
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.8	0.9	< 0.6	1.6	3.1	850	85
CIS-1,2-DICHLOROETHENE	< 1.5	8.4	< 0.6	< 0.6	< 0.6	8.2	8.1	1.9	10	27	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	13	12	1.6	6.9	22	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	2.6	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	150	15
TOLUENE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	0.7	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	< 0.8	3.5***	< 0.5	0.6	< 0.5	21	17	5.5	7.0	10	5	0.18
O-XYLENE	1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
*** Possible carryover
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
N/A Not Analyzed
' Field Duplicate Sample

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 7
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-8

PARAMETER	MW-18	MW-18	MW-18 MW-18E'	MW-18	MW-81'	MW-18	MW-81'	MW-18	MW-118'	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	NR 140**	
DATE	12/22/92	03/24/93 03/26/93	03/24/93 03/26/93	06/16/93	06/16/93	09/23/93	09/23/93	12/15/93	12/15/93	12/22/92	03/24/93	06/16/93	09/21/93	12/15/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332/ B1326	B2102/ B2084	B2102 B2084	B5972	B5972	B4440	B4440	A2593	A2593	B1332	B2102	B5972	B4322	A2593		
INORGANICS																
CYANIDE	< 10	< 10	210	< 10	< 10	< 10	< 10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	200	40
OTHER																
DIESEL RANGE ORGANICS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*
VOLATILE ORGANIC COMPOUNDS																
BENZENE	< 0.6	< 0.6	< 0.6	< 25	< 25	0.6	0.6	< 0.5	1.4	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	5	0.067
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.6	< 25	< 25	190	0.5	< 0.5	< 0.5	2.1	< 1.1	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	1.1	< 1.0	< 1.1	< 25	< 25	< 0.5	1.9	2.5	2.4	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	400	80
1,1-DICHLOROETHANE	7.2	2.8	< 1.0	< 30	< 30	3.4	3.8	6.2	6.6	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	2.4	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	5	0.05
1,1-DICHLOROETHENE	7.7	5.7	< 0.9	< 25	< 25	8.0	11	7.3	7.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	680	510	4.6	1900	1900	1,500	1100	1,400	1,400	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	690	90	520	140	160	300	230	160	200	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	100	20
1,1-DICHLOROPROPENE	< 0.5	< 0.5	140	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	2.1	2.1	7.6	< 0.5	< 0.5	< 0.5	< 0.5	1360	272
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.6	< 0.5	< 0.5	< 0.5	*	*
P-ISOPROPYLTOLUENE	< 0.7	< 0.7	< 0.6	< 25	< 25	< 0.5	1.0	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	6.1	< 0.7	<100	< 100	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	150	15
NAPHTHALENE	< 1.5	< 1.5	< 2.1	< 35	< 35	< 0.7	< 0.7	< 0.7	< 0.7	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	40	8
N-PROPYLBENZENE	< 0.9	< 0.9	< 1.5	< 30	< 30	< 0.6	< 0.6	< 0.6	< 0.6	2.3	< 0.9	< 0.6	< 0.6	< 0.6	*	*
TOLUENE	1.5	< 0.7	< 0.9	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 0.7	< 0.5	< 0.5	1.8	343	68.6
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.1	*	*
1,1,2-TRICHLOROETHANE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.9	*	*
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2	*	*
1,1,1-TRICHLOROETHANE	8.3	< 0.8	< 0.7	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	1600	1600	< 0.8	1200	1300	3,000	2,300	1,900	2,000	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	5	0.18
1,2,4-TRIMETHYLBENZENE	< 1.0	< 1.0	1700	< 45	< 45	< 0.9	< 0.9	< 0.9	< 0.9	4.4	< 1.0	< 0.9	< 0.9	< 0.9	*	*
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.8	< 1.0	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	2.1	< 0.8	< 0.5	< 0.5	< 0.5	*	*
VINYL CHLORIDE	2100	440	< 0.8	970	1200	270	< 0.5	210	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	440	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	2.8	1.5	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 1.0	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	9.9	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
N/A Not Analyzed
' Field Duplicate Sample
• Methylene chloride is a commonly used laboratory solvent. Therefore, the results may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 7 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-8

PARAMETER	MW-18B	MW-18B	MW-18B	MW-18B	MW-18B	MW-18C	MW-18C	MW-18C	MW-18C	MW-18C	MW-18D	MW-18D (MW-18DD)	MW-18D	MW-18D	MW-18D	NR 140**	
DATE	12/22/92	03/24/93	06/16/93	09/21/93	12/15/93	12/22/92	03/26/93	06/16/93	09/21/93	12/15/93	12/22/92	03/24/93 03/25/93	06/16/93	09/23/93	12/15/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B5972	B4322	A2593	B1332/ B1326	B2084	B5972	B4322	A2593	B1332/ B1326	B2102 B2147	B5972	B4440	A2593		
INORGANICS																	
CYANIDE	N/A	N/A	N/A	N/A	N/A	< 10	< 10	< 10	< 10	N/A	< 10	< 10	< 10	< 10	N/A	200	40
OTHER																	
DIESEL RANGE ORGANICS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*
VOLATILE ORGANIC COMPOUNDS																	
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 15	< 12	0.7	1.5	< 0.6	< 0.6	< 2.0	< 0.5	1.3	5	0.067
BROMOBENZENE	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 1.2	< 30	< 12	< 0.5	< 0.5	< 1.2	< 1.2	< 2.0	4.5	< 0.5	*	*
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 1.1	< 27	< 13	2.3	< 0.5	2.0	< 0.6	< 2.0	2.5	40	*	*
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.6	< 0.7	< 17	< 20	< 0.8	< 0.8	< 0.7	< 0.7	< 4.0	3.7	< 0.8	*	*
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	2.4	< 25	< 13	1.7	3.5	< 1.0	9.8	< 2.0	< 0.5	< 0.5	400	80
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	190	99	58	170	90	< 0.8	< 1.0	< 3.0	< 0.6	2.7	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 22	< 13	< 0.5	< 0.5	< 0.9	< 0.8	< 2.0	< 0.5	< 0.5	5	0.05
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	9.6	< 32	< 13	7.9	7.8	< 1.3	< 0.9	< 2.0	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	960	860	450	1,600	1,400	< 1.5	< 1.3	< 3.0	7.6	8.8	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	93	57	20	81	39	< 1.2	2.9	< 4.0	1.0	2.4	100	20
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.5	< 13	< 13	< 0.5	2.4	< 0.5	< 1.2	< 2.0	< 0.5	< 0.5	*	*
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	14	< 13	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	0.6	6.3	1360	272
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 15	< 13	< 0.5	< 0.5	< 0.6	1.4	3.0	< 0.5	8.3	*	*
P-ISOPROPYLTOLUENE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.7	< 17	< 13	< 0.5	< 0.5	2.2	< 0.7	4.0	2.7	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	< 2.1	5.4	< 2.0	19*	< 2.1	92	< 50	< 2.0	< 2.0	< 2.1	< 2.1	< 10	< 2.0	< 2.0	150	15
NAPHTHALENE	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 1.5	190	28	2.8	< 0.7	< 1.5	< 1.5	47	< 0.7	3.0	40	8
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.9	< 22	< 15	< 0.6	< 0.6	3.2	< 0.9	13	< 0.6	40	*	*
TOLUENE	1.9	< 0.7	< 0.5	< 0.5	< 0.5	< 0.7	< 18	< 13	< 0.5	< 0.5	1.5	< 0.7	< 2.0	< 0.5	2.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	0.8	< 0.5	< 0.8	< 20	< 13	0.8	< 0.5	< 0.8	< 0.8	< 2.0	< 0.5	1.9	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	1100	490	350	< 0.5	140	< 0.8	< 0.8	<2.0	12	2.7	5	0.18
1,2,4-TRIMETHYLBENZENE	< 1.0	< 1.0	< 0.9	< 0.9	< 0.9	< 1.0	< 25	< 23	< 0.9	< 0.9	9.2	< 1.0	<5.0	4.4	< 0.9	*	*
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	25	< 13	< 0.5	< 0.5	2.7	< 0.8	<2.0	< 0.5	< 0.5	*	*
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	64	60	43	< 0.5	20	< 0.7	< 0.7	<2.0	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 25	< 13	< 0.5	< 0.5	2.5	< 1.0	8.0	2.4	10	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 25	< 13	< 0.5	< 0.5	1.5	< 1.0	< 2.0	< 0.5	< 0.5	630 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
N/A Not Analyzed
' Field Duplicate Sample
* Methylene Chloride is a commonly used laboratory solvent. Therefore, the results may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 7 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-8

PARAMETER	MW-19	MW-19	MW-19	MW-19	MW-19	MW-20	MW-20	MW-20	MW-20	MW-20	MW-44	MW-44	MW-44	NR 140**	
DATE	12/22/92	03/24/93 03/26/93	06/16/93	09/23/93	12/15/93	12/22/92	03/24/93 03/26/93	06/16/93	09/23/93	12/15/93	06/09/93	09/24/93	12/15/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332/ B1326	B2102/ B2804	B5972	B4440	A2593	B1332/ B1336	B2102/ B2084	B5972	B4440	A2593	B2876	B4440	A2593		
INORGANICS															
CYANIDE	< 10	< 10	< 10	< 10	N/A	< 10	10.0	20	40	N/A	N/A	N/A	N/A	200	40
OTHER															
DIESEL RANGE ORGANICS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	< 50	< 50	N/A	•	•
VOLATILE ORGANIC COMPOUNDS															
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 6.0	< 0.6	< 12	< 5.0	< 25	< 0.5	0.9	0.8	5	0.067
N-BUTYLBENZENE	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 11	< 1.1	64	40	< 25	< 0.5	< 0.5	< 0.5	•	•
SEC-BUTYLBENZENE	< 1.1	< 1.1	< 0.8	< 0.8	< 0.8	< 7.0	< 0.7	< 20	8.2	< 40	< 0.8	< 0.8	< 0.8	•	•
CHLOROETHANE	< 0.7	< 0.7	1.3	< 0.5	< 0.5	53	21	23	15	< 25	< 0.5	< 0.5	< 0.5	400	80
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	50	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROETHANE	6.6	7.9	3.7	< 0.6	5.4	98	42	48	10	90	< 0.6	< 0.6	< 0.6	850	85
1,2-DICHLOROETHANE	14	6.5	< 0.5	< 0.5	< 0.5	< 9	< 0.9	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	5	0.05
1,1-DICHLOROETHENE	14	< 0.9	< 0.5	< 0.5	< 0.6	< 13	< 1.3	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	< 1.3	< 1.3	2.9	11	< 0.6	410	430	620	90	380	1.4	1.9	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	8.6	5.6	< 0.7	0.9	9.6	24	< 1.2	< 18	< 7.0	120	< 0.7	< 0.7	< 0.7	100	20
1,1-DICHLOROPROPENE	1.5	< 1.2	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	•	•
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	1360	272
ISOPROPYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 6	< 0.6	14	< 5.0	< 25	< 0.5	< 0.5	< 0.5	•	•
P-ISOPROPYLTOLUENE	< 0.6	< 0.6	< 0.5	0.5	< 0.5	< 7	< 0.7	15	7.0	< 25	< 0.5	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 0.7	< 0.7	< 2.0	2.2*	< 2.0	< 21	< 2.1	< 50	< 20	260*	< 2.0	3.0*	< 2.0	150	15
NAPHTHALENE	< 2.1	< 2.1	< 0.7	< 0.7	< 0.7	< 15	< 1.5	< 18	< 7.0	< 35	< 0.7	< 0.7	< 0.7	40	8
N-PROPYLBENZENE	< 1.5	< 1.5	< 0.6	< 0.6	< 0.6	< 9	< 0.9	< 15	< 6.0	< 30	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 9.0	< 0.9	< 12	13	< 25	< 0.5	< 0.5	< 0.5	1	0.1
TOLUENE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 7	< 0.7	< 13	< 5.0	70	1.3	< 0.5	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	0.7	< 0.5	< 8	2.1	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	46	27	31	41	50	53	58	34	7.0	210	< 0.5	< 0.5	< 0.5	5	0.18
TRICHLOROFLUOROMETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 8.0	< 0.8	< 12	8.0	< 25	< 0.5	< 0.5	< 0.5	3490	698
1,2,4-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.9	0.9	< 0.9	< 10	< 1.0	< 23	< 9.0	< 45	< 0.9	< 0.9	< 0.9	•	•
1,3,5-TRIMETHYLBENZENE	4.1	4.1	< 0.5	< 0.5	< 0.5	< 8	< 0.8	< 13	< 5.0	73	< 0.5	< 0.5	< 0.5	•	•
VINYL CHLORIDE	< 1.0	< 1.0	0.6	1.6	< 0.5	56	11	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 10	< 1.0	< 13	9.0	< 25	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	7.4	< 0.5	< 10	< 1.0	< 13	< 5.0	< 25	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
N/A Not Analyzed
' Field Duplicate Sample
• Methylene Chloride is a commonly used laboratory solvent. Therefore, the results may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 8
SUMMARY OF DETECTED CONSTITUTENTS IN
GROUNDWATER SAMPLES
SITE MP-9

PARAMETER	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21A	MW-21A	MW-21A	MW-21A	MW-21A	NR 140**	
DATE	12/23/92	03/26/93	06/17/93	09/22/93	12/15/93	12/23/92	03/26/93	06/17/93	09/22/93	12/15/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2084	B3092	B4226	A2593	B1332	B2084	B3092	B4226	A2593		
VOLATILE ORGANIC COMPOUNDS												
BENZENE	3.4	1.4	4.6	0.7	4.8	< 0.6	< 3	< 1.0	< 0.5	4.9	5	0.067
N-BUTYLBENZENE	6.8	< 1.1	< 0.5	< 0.5	4.9	6.8	< 6	< 1.0	< 0.5	< 0.5	*	*
TERT-BUTYLBENZENE	< 1.5	1.6	1.2	< 0.5	< 0.5	< 1.5	< 7	< 1.0	< 0.5	< 0.5	*	*
CHLOROETHANE	< 1.0	< 1.0	< 0.5	0.5	< 0.5	44	28	17	10	8.7	400	80
CIS-1,2-DICHLOROETHENE	< 1.5	1.7	1.1	2.1	< 0.6	280	120	75	150	240	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	10	7.4	< 6	1.7	3.0	19	100	20
ETHYLBENZENE	1.7	1.0	< 0.5	< 0.5	2.9	< 0.5	< 3	< 1.0	< 0.5	5.0	1360	272
1,1-DICHLOROETHANE	< 0.6	< 0.6	< 0.6	< 0.6	2.2	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	850	85
1,2-DICHLOROPROPANE	< 0.5	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
NAPHTALENE	< 0.7	< 0.7	< 0.7	< 0.7	1.1	< 0.7	< 0.7	< 0.7	< 0.7	9.0	40	8
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
TRICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	3.1	< 0.5	< 0.5	< 0.5	< 0.5	10	5	0.18
ISOPROPYLBENZENE	< 0.6	5.6	10	7.8	5.9	< 0.6	< 3	< 1.0	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	< 2.1	<2.0	< 2.0	< 2.0	< 2.1	11	< 4.0	< 2.0	< 2.0	150	15
N-PROPYLBENZENE	12	< 0.9	1.5	2.9	4.1	< 0.9	< 5	< 1.2	< 0.6	< 0.6	*	*
STYRENE	< 1.0	1.5	0.6	< 0.6	< 0.6	< 1.0	< 5	< 1.2	< 0.6	< 0.6	*	*
TOLUENE	< 0.7	0.8	2.2	1.0	1.7	1.7	< 4	< 1.0	< 0.5	1.5	343	68.6
1,1-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.4	7	0.024
1,1,1-TRICHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.0	200	40
1,2,4-TRIMETHYLBENZENE	35	< 1.0	<0.9	< 0.9	< 0.9	< 1.0	< 5	< 1.8	< 0.9	5.4	*	*
1,3,5-TRIMETHYLBENZENE	8.9	1.0	<0.5	< 0.5	2.1	< 0.8	4.1	< 1.0	< 0.5	3.5	*	*
VINYL CHLORIDE	< 0.7	< 0.7	1.5	1.4	< 0.5	88	22	11	30	< 0.5	0.2	0.0015
O-XYLENE	2.0	< 1.0	0.9	< 0.5	2.7	< 1.0	< 5	< 1.0	< 0.5	60	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	1.4	< 1.0	1.8	0.6	< 0.5	< 1.0	< 5	< 1.0	< 0.5	6.6	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 9
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-16

PARAMETER	MW-25	MW-25	MW-25	MW-25	MW-52[1]	MW-25	MW-26	MW-26	MW-26	MW-26	MW-26	MW-27	MW-27	MW-27	MW-27	MW-27	NR 140**	
DATE	12/22/92	03/24/93	06/16/93	09/22/93	09/22/93	12/15/93	12/22/92	03/24/93	06/15/93	09/22/93	12/14/93	12/21/92	03/24/93	06/15/93	09/22/93	12/14/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B5972	B4226	B4226	A2593	B1332	B2102	B3002	B4226	A2594	B1332	B2102	B3002	B4226	A2594		
VOLATILE ORGANIC COMPOUNDS																		
BENZENE	< 0.6	< 0.6	<12	< 0.5	< 0.5	2.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	0.6	< 0.5	< 0.5	· 5	0.067
BROMOFORM	2.5	< 2.1	<12	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	4.4	0.44
N-BUTYLBENZENE	< 1.1	< 1.1	<12	< 0.5	< 0.5	7.9	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 1.1	< 1.1	0.6	< 0.5	< 0.5	•	•
SEC-BUTYLBENZENE	< 0.7	< 0.7	<20	< 0.8	< 0.8	< 0.8	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.7	< 0.7	0.9	< 0.8	< 0.8	•	•
TERT-BUTYLBENZENE	< 1.5	< 1.5	<12	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	0.6	< 0.5	< 0.5	•	•
CARBON TETRACHLORIDE	4.8	< 0.8	< 12	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 15	< 0.6	< 0.6	< 0.6	< 0.8	< 0.8	0.6	0.8	0.9	12	17	7.9	< 0.6	4.2	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 12	2.0	2.7	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	0.6	< 0.5	5	0.5
1,1-DICHLOROETHENE	< 1.3	11	< 12	5.6	7.8	10	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	490	510	640	680	600	850	1.6	< 1.0	< 0.6	< 0.6	< 0.6	60	23	34	35	47	100	10
TRANS-1,2-DICHLOROETHENE	1480	1200	< 17	840	800	1100	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	120	41	30	25	30	100	20
1,3-DICHLOROPROPANE	< 1.0	< 1.0	< 12	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	3.1	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 12	< 0.5	< 0.5	2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	2.2	0.7	< 0.5	< 0.5	•	•
ETHYLBENZENE	< 0.5	< 0.5	< 12	< 0.5	< 0.5	3.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0/5	2.0	< 0.5	0.9	< 0.5	2.8	1360	272
CHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.9	•	•
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2	•	•
ISOPROPYLBENZENE	< 0.6	< 0.6	< 12	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	3.6	2.1	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 2.1	4.3	< 50	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	12*	150	15
NAPHTHALENE	< 1.5	< 1.5	< 17	< 0.7	< 0.7	< 0.7	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 1.5	< 1.5	1.9	< 0.7	< 0.7	40	8
1,3,5-TRIMETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	8.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	< 0.5		
M&P-XYLENES	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
N-PROPYLBENZENE	< 0.9	< 0.9	< 15	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	1.4	< 0.9	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.9	< 12	< 0.5	< 0.5	1.2	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	2.7	1.0	1.8	1	0.1
TOLUENE	< 0.7	< 0.7	< 12	< 0.5	< 0.5	< 0.5	1.3	< 0.7	1.1	< 0.5	< 0.5	2.2	< 0.7	1.3	< 0.5	1.9	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 12	< 0.5	< 0.5	< 0.5	4.0	1.3	1.8	1.5	< 0.5	34	69	22	9.0	8.6	200	40
TRICHLOROETHENE	530	300	55	52	46	70	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	1.8	0.5	3.2	5	0.18
VINYL CHLORIDE	620	470	710	1,000	900	4.1	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 12	< 0.5	< 0.5	980	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	1.0	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion
* No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
[1] Field Duplicate Sample
* Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 9 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-16

PARAMETER	MW-27A	MW-27A	MW-27A	MW-27A	MW-27A	MW-27B	MW-27B	MW-27B[1]	MW-27B	MW-72[1]	MW-27B	MW-27B	MW-127B[1]	MW-27C	MW-27C	MW-27C	MW-27C	MW27C	NR 140**	
DATE	12/22/92	03/24/93	06/15/93	09/22/93	12/14/93	12/22/92	03/24/93	03/24/93	06/15/93	06/15/93	09/22/93	12/14/93	12/14/93	12/21/92	03/24/93	06/15/93	09/22/93	12/14/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B3002	B4226	A2594	B1332	B2102	B2102	B3002	B3002	B4226	A2594	A2594	B1332	B2102	B3002	B4226	A2594		
VOLATILE ORGANIC COMPOUNDS																				
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	5	0.067
BROMOFORM	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	4.4	0.44
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 1.1	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	•	•
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.7	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	•	•
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	•	•
CARBON TETRACHLORIDE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.8	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.5	1.7	< 0.8	< 0.8	0.8	< 0.6	< 0.6	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	2.3	4.5	1.7	1.9	2.1	< 1.5	< 1.0	< 1.0	< 0.6	< 0.6	< 0.6	3.0	< 0.6	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.7	< 1.2	< 1.2	< 1.2	< 0.7	0.8	< 0.7	2.6	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	100	20
1,3-DICHLOROPROPANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
ETHYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1360	272
CHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	400	80
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
ISOPROPYLBENZENE	< 2.1	< 2.1	< 2.0	< 2.0	< 0.5	< 0.6	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 1.5	< 1.5	< 0.7	< 0.7	< 2.0	< 2.1	< 2.1	< 2.1	3.7	< 2.0	< 2.0	12*	14*	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	150	15
NAPHTHALENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.7	< 1.5	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	40	8
1,3,5-TRIMETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
M&P-XYLENES	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	1.0	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	1	0.1
TOLUENE	1.4	< 0.7	1.2	< 0.5	< 0.5	1.3	< 0.7	< 0.7	1.3	1.2	< 0.5	1.7	1.7	2.3	< 0.7	1.3	< 0.5	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	1.9	1.1	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	2.6	< 0.5	75	65	58	28	40	20	16	17	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	5	0.18
VINYL CHLORIDE	8.0	18	7.1	< 0.5	5.6	< 0.7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
• No standards currently exist
•• Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
[1] Field Duplicate Sample
* Methylene Chloride is a commonly used solvent in the laboratory. This report may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 9 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-16

PARAMETER	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27E	MW-27E	MW-27E	MW-27E	MW-27E	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	NR 140**	
DATE	12/21/92	03/24/93	06/15/93	09/22/93	12/14/93	12/22/92	03/24/93	06/15/93	09/22/93	12/14/93	12/21/92	03/24/93	06/15/93	09/22/93	09/22/93	12/14/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B3002	B4226	A2594	B1332	B2102	B3002	B4226	A2594	B1332	B2102	B3002	B4226	B4226	A2594		
VOLATILE ORGANIC COMPOUNDS																		
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	5	0.067
BROMOFORM	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 0.5	4.4	0.44
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.5	•	•
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.8	•	•
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
CARBON TETRACHLORIDE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.6	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.8	< 0.8	< 0.6	< 0.6	2.0	< 0.8	< 0.8	< 0.6	< 0.6	2.5	2.5	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	0.9	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0	< 0.5	5	0.5
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	1.1	0.9	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	9.3	7.4	< 0.6	1.3	0.6	830	240	550	480	940	< 1.5	4.9	< 0.6	< 0.6	2.8	2.8	100	10
CHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	400	80
TRANS-1,2-DICHLOROETHENE	5.7	1.5	< 0.7	< 0.7	< 0.5	< 1.2	36	57	58	71	< 1.2	< 1.2	< 0.7	< 0.8	< 0.7	< 0.6	100	20
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.0	1.0	6	.6
DICHLORODIFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.7	2.7	•	•
1,3-DICHLOROPROPANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1360	272
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 0.5	< 2.1	< 2.1	< 2.0	< 2.0	26	26*	150	15
NAPHTHALENE	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 1.5	< 1.5	1.7	< 0.7	20*	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	40	8
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	1.0	1.0	1	0.1
TOLUENE	1.6	< 0.7	1.3	< 0.5	< 0.5	1.6	< 0.7	1.3	< 0.5	< 0.5	1.9	< 0.7	1.2	< 0.5	1.7	1.7	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	1.9	1.9	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	130	180	470	250	520	< 0.8	15	< 0.5	< 0.5	2.3	2.3	5	0.18
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	220	< 0.7	5.2	8.3	< 0.5	< 0.7	5.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in µg/l (parts per billion)
• No standards currently exist
** Per Chapter NR 140, Wisconsin Administrative Code
<1.0 Indicates Laboratory Quantification Limit
PAL Preventive Action Limit
1 Field Duplication Sample
• Methylene Chloride is a commonly used solvent in the laboratory. This result may be biased high.

Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

ATTACHMENT A

WATER LEVEL DATA

WATER LEVEL DATA
CHRYSLER KENOSHA MAIN PLANT
KENOSHA, WISCONSIN
DECEMBER 1993

WELL	RISER ELEVATION	DEPTH TO WATER (feet)	DATE	WATER ELEVATION (feet)
MW-1	WELL HAS BEEN ABANDONED			
MW-2	624.51	7.66	12/14/93	616.85
MW-3	623.21	(UNABLE TO OPEN)		
MW-4	620.95	8.15	12/14/93	612.8
MW-5	620.82	14.21	12/14/93	606.61
MW-5A	621.35	12.9	12/14/93	608.45
MW-6	619.99	5.36	12/14/93	614.63
MW-6A	624.09	8.77	12/14/93	615.32
MW-6C	624.01	8.05	12/14/93	615.96
MW-7	620.58	2.69	12/14/93	617.89
MW-8	621.63	3.72	12/14/93	617.91
MW-8A	621.91	10.08	12/14/93	611.83
MW-10	628.82	11.1	12/14/93	617.72
MW-11	623.88	8.27	12/14/93	615.61
MW-11A	626.99	8.05	12/14/93	618.94
MW-11B	625.9	6.63	12/14/93	619.27
MW-11C	626.71	10.36	12/14/93	616.35
MW-11D	WELL HAS BEEN ABANDONED			
MW-12	625.86	12.73	12/14/93	613.13
MW-13A	627.25	11.51	12/15/93	615.74
MW-14	622.34	5.98	12/15/93	616.36
MW-15	624.31	10.56	12/15/93	613.75
MW-16	622.44	5.95	12/15/93	616.49
MW-16A	626.17	9.48	12/15/93	616.69
MW-17	622.79	6.38	12/15/93	616.41
MW-17A	626.79	(NOT MEASURED)		
MW-17B	627.1	10.73	12/15/93	616.37
MW-18	624.09	8.97	12/15/93	615.12
MW-18A	628.58	13.49	12/15/93	615.09
MW-18B	627.93	11.34	12/15/93	616.59
MW-18C	627.94	13.36	12/15/93	614.58
MW-18D	626.79	10.32	12/15/93	616.47
MW-19	622.4	6.1	12/15/93	616.3
MW-20	624.85	10.66	12/15/93	614.19
MW-21	625.81	10.67	12/15/93	615.14
MW-21A	626.79	10.22	12/15/93	616.57
MW-22	627.01	6.53	12/15/93	620.48
MW-23	624.55	9.91	12/15/93	614.64
MW-24	619.87	3.07	12/15/93	616.8
MW-24A	630.06	7.25	12/14/93	622.81
MW-25	628.77	12.99	12/15/93	615.78
MW-26	626.24	11.63	12/14/93	614.61
MW-27	625.61	12.63	12/14/93	612.98
MW-27A	625.14	11.45	12/14/93	613.69
MW-27B	625.79	11.56	12/14/93	614.23
MW-27C	627.87	12.5	12/14/93	615.37
MW-27D	627.91	15.43	12/14/93	612.48

WATERLEV.WK1

MW-27E	629.43	17.23	12/14/93	612.2
MW-28	623.69	8.84	12/14/93	614.85
MW-29	626.43	10.05	12/14/93	616.38
MW-29A	627.28	10.72	12/14/93	616.56
MW-30	625.82	10.58	12/14/93	615.24
MW-31	627.38	13.3	12/14/93	614.08
MW-34R	625.22	9.44	12/16/93	615.78
MW-35B	628.37	11.32	12/14/93	617.05
MW-36A	628.15	13.75	12/14/93	614.4
MW-37	628.72	11.32	12/14/93	617.4
MW-38	628.51	10.27	12/14/93	618.24
MW-40	628.67	10.46	12/14/93	618.21
MW-41	628.86	10.5	12/14/93	618.36
MW-43	626	9.96	12/15/93	616.04
MW-44	624.29	9.47	12/15/93	614.82
MW-45	626.45	11.15	12/15/93	615.3
OBSERVATION SUMP	626.1	9.66	12/14/93	616.44
OW-1	620.83	4.39	12/14/93	616.44
OW-2	623.26	6.29	12/14/93	616.97
OW-3	628.75	10.24	12/14/93	618.51
OW-4	628.64	10.11	12/14/93	618.53
OW-5	628.23	9.71	12/14/93	618.52
OW-6	625.47	13.82	12/14/93	611.65
OW-7	625.87	15.46	12/14/93	610.41
SUMP-1	621.98	3.65	12/14/93	618.33
SUMP-2	625	10.26	12/15/93	614.74
SUMP-3	626.97	22.84	12/15/93	604.13
SUMP-4	629.35	12.88	12/14/93	616.47
SUMP-5	628.29	9.79	12/14/93	618.5
SUMP-5A	628.64	10.15	12/14/93	618.49
SUMP-5B	629.34	12.33	12/14/93	617.01
SUMP-5C	628.67	12.39	12/14/93	616.28
SUMP-6	625.01	14.6	12/14/93	610.41
TANK SUMP	(NOT MEASURED)			

ATTACHMENT B

GROUNDWATER LABORATORY RESULTS
CHAIN-OF-CUSTODY FORMS AND
WATER SAMPLING FIELD DATA SUMMARY FORMS

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

SEI ID	Sample ID	Date Analyzed
8748-1	Sump 6 Influent	
8748-2	Sump 6 Effluent	
8748-3	MW27	12/27/93
8748-4	MW27C	12/21/93
8748-5	MW27B	12/27/93
8748-6	MW127B	12/27/93
8748-7	MW27D	12/21/93
8748-8	MW27E	12/27/93
8748-9	MW27A	12/21/93
8748-10	MW26	12/22/93
8748-11	MW11B	12/20/93
8748-12	MW28	12/28/93
8748-13	MW11A	12/22/93
8748-14	MW11	12/20/93
8748-15	Trip Blank	12/20/93
8748-16	MW40	12/28/93
8748-17	MW35B	12/28/93
8748-18	MW41	12/22/93
8748-19	MW38	12/27/93
8748-20	MW138	12/27/93
8748-21	MW12	12/22/93
8748-22	MW31	12/28/93
8748-23	MW30	12/28/93
8748-24	MW29	12/28/93
8748-25	MW29A	12/22/93
8748-26	MW36A	12/28/93

ORIGINAL

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DATE: January 12, 1994
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DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	PQL	8748-3 / MW27
EPA Method 8021			
Benzene		0.5	<0.5
Bromobenzene		0.5	<0.5
Bromochloromethane		0.5	<0.5
Bromodichloromethane		0.5	<0.5
Bromoform		0.5	<0.5
Bromomethane		0.5	<0.5
n-Butylbenzene		0.5	<0.5
sec-Butylbenzene		0.8	<0.8
tert-Butylbenzene		0.5	<0.5
Carbon tetrachloride		0.5	<0.5
Chlorobenzene		0.5	<0.5
Chlorodibromomethane		0.5	<0.5
Chloroethane		0.5	1.9
Chloroform		0.5	<0.5
Chloromethane		0.5	<0.5
2-Chlorotoluene		0.5	<0.5
4-Chlorotoluene		0.5	<0.5
1,2-Dibromo-3-chloropropane		0.5	<0.5
1,2-Dibromomethane		0.5	<0.5
Dibromomethane		0.5	<0.5

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DATE: January 12, 1994
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SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	PQL	8748-3 MW27
EPA Method 8021			
1,2-Dichlorobenzene		0.5	<0.5
1,3-Dichlorobenzene		0.5	<0.5
1,4-Dichlorobenzene		0.6	<0.6
Dichlorodifluoromethane		0.5	<0.5
1,1-Dichloroethane		0.6	4.2
1,2-Dichloroethane		0.5	<0.5
1,1-Dichloroethene		0.5	<0.5
cis-1,2-Dichloroethene		0.6	47
trans-1,2-Dichloroethene		0.7	30
1,2-Dichloropropane		0.5	<0.5
1,3-Dichloropropane		0.5	<0.5
2,2-Dichloropropane		0.7	<0.7
1,1-Dichloropropene		0.5	<0.5
Ethylbenzene		0.5	2.8
Hexachlorobutadiene		0.7	<0.7
Isopropylbenzene		0.5	<0.5
p-Isopropyltoluene		0.5	<0.5
Methylene chloride		2.0	12*
Naphthalene		0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

	SEI ID		8748-3
Analyte	Sample ID	PQL	MW27
EPA Method 8021			
n-Propylbenzene		0.6	<0.6
Styrene		0.6	<0.6
1,1,1,2-Tetrachloroethane		0.5	<0.5
1,1,2,2-Tetrachloroethane		0.5	<0.5
Tetrachloroethene		0.5	1.8
Toluene		0.5	1.9
1,2,3-Trichlorobenzene		0.5	<0.5
1,2,4-Trichlorobenzene		0.5	<0.5
1,1,1-Trichloroethane		0.5	8.6
1,1,2-Trichloroethane		0.5	<0.5
Trichloroethene		0.5	3.2
Trichlorofluoromethane		0.5	2.2
1,2,3-Trichloropropane		0.5	<0.5
1,2,4-Trimethylbenzene		0.9	<0.9
1,3,5-Trimethylbenzene		0.5	<0.5
Vinyl Chloride		0.5	<0.5
o-Xylenes		0.5	<0.5
m & p Xylenes		0.5	<0.5

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Milwaukee, WI 53202

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Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-4 MW27C	8748-5 MW27B	8748-6 MW127B	8748-7 MW27D
EPA Method 8021					
Benzene		<0.5	1.3	<0.5	<0.5
Bromobenzene		<0.5	<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5	<0.5
n-Butylbenzene		<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5	<0.5
Chloroethane		<0.5	1.0	<0.5	<0.5
Chloroform		<0.5	<0.5	1.0	<0.5
Chloromethane		<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5	<0.5

SWANSON ENVIRONMENTAL INC.

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-4 MW27C	8748-5 MW27B	8748-6 MW127B	8748-7 MW27D
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane		<0.6	<0.5	1.7	<0.6
1,2-Dichloroethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene		<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene		<0.6	3.0	<0.6	0.6
trans-1,2-Dichloroethene		<0.7	2.6	<0.7	<0.5
1,2-Dichloropropane		<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane		<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7	<0.7
1,1-Dichloropropene		<0.5	<0.5	<0.5	<0.5
Ethylbenzene		<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5	<0.5
Methylene chloride		<2.0	12*	14*	<2.0
Naphthalene		<0.7	<0.7	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-4 MW27C	8748-5 MW27B	8748-6 MW127B	8748-7 MW27D
EPA Method 8021					
n-Propylbenzene		<0.6	<0.6	<0.6	<0.6
Styrene		<0.6	<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
Tetrachloroethene		<0.5	1.0	<0.5	<0.5
Toluene		<0.5	1.7	1.7	<0.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane		<0.5	1.9	1.1	<0.5
1,1,2-Trichloroethane		<0.5	<0.5	<0.5	<0.5
Trichloroethene		<0.5	16	17	<0.5
Trichlorofluoromethane		<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5	<0.5
Vinyl Chloride		<0.5	<0.5	<0.5	<0.5
o-Xylenes		<0.5	<0.5	<0.5	<0.5
m & p Xylenes		<0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-8 MW27E	8748-9 MW27A	8748-10 MW26	8748-11 MW11B
EPA Method 8021					
Benzene		<0.5	<0.5	<0.5	<0.5
Bromobenzene		<0.5	<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5	<0.5
n-Butylbenzene		<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5	<0.5
Chloroethane		<0.5	<0.5	<0.5	<0.5
Chloroform		<0.5	<0.5	1.2	<0.5
Chloromethane		<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5	<0.5

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-8 MW27E	8748-9 MW27A	8748-10 MW26	8748-11 MW11B
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane		2.0	<0.5	0.9	<0.6
1,2-Dichloroethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene		<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene		940	2.1	<0.6	<0.6
trans-1,2-Dichloroethene		71	<0.7	<0.7	<0.7
1,2-Dichloropropane		<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane		<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7	<0.7
1,1-Dichloropropene		0.8	<0.5	<0.5	<0.5
Ethylbenzene		<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5	<0.5
Methylene chloride		20*	<2.0	<2.0	<2.0
Naphthalene		<0.7	<0.7	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-8 MW27E	8748-9 MW27A	8748-10 MW26	8748-11 MW11B
EPA Method 8021					
n-Propylbenzene		<0.6	<0.6	<0.6	<0.6
Styrene		<0.6	<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
Tetrachloroethene		<0.5	<0.5	<0.5	<0.5
Toluene		<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane		<0.5	<0.5	<0.5	<0.5
Trichloroethene		520	<0.5	<0.5	<0.5
Trichlorofluoromethane		0.7	<0.5	<0.5	<0.5
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5	<0.5
Vinyl Chloride		<0.5	5.6	<0.5	<0.5
o-Xylenes		<0.5	<0.5	<0.5	<0.5
m & p Xylenes		<0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-12 MW28	8748-13[a] MW11A	8748-14[a] MW11	8748-15 Trip Blank
EPA Method 8021					
Benzene		<0.5	130	82	<0.5
Bromobenzene		<0.5	<2.5	<2.5	<0.5
Bromochloromethane		<0.5	<2.5	<2.5	<0.5
Bromodichloromethane		<0.5	<2.5	<2.5	<0.5
Bromoform		<0.5	<2.5	<2.5	<0.5
Bromomethane		<0.5	<2.5	<2.5	<0.5
n-Butylbenzene		<0.5	<2.5	<2.5	<0.5
sec-Butylbenzene		<0.8	<4	<4	<0.8
tert-Butylbenzene		<0.5	<2.5	<2.5	<0.5
Carbon tetrachloride		<0.5	<2.5	<2.5	<0.5
Chlorobenzene		<0.5	<2.5	<2.5	<0.5
Chlorodibromomethane		<0.5	<2.5	<2.5	<0.5
Chloroethane		<0.5	<2.5	<2.5	<0.5
Chloroform		1.0	<2.5	<2.5	<0.5
Chloromethane		<0.5	<2.5	<2.5	<0.5
2-Chlorotoluene		<0.5	<2.5	<2.5	<0.5
4-Chlorotoluene		<0.5	<2.5	<2.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<2.5	<2.5	<0.5
1,2-Dibromomethane		<0.5	<2.5	<2.5	<0.5
Dibromomethane		<0.5	<2.5	<2.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-12 MW28	8748-13[a] MW11A	8748-14[a] MW11	8748-15 Trip Blank
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<2.5	<2.5	<0.5
1,3-Dichlorobenzene		<0.5	<2.5	<2.5	<0.5
1,4-Dichlorobenzene		<0.6	<3.0	<3.0	<0.6
Dichlorodifluoromethane		2.7	<2.5	<2.5	<0.5
1,1-Dichloroethane		2.5	<3.0	<3.0	<0.6
1,2-Dichloroethane		<0.5	<2.5	<2.5	<0.5
1,1-Dichloroethene		<0.5	<2.5	<2.5	<0.5
cis-1,2-Dichloroethene		2.8	<3.0	<3.0	<0.6
trans-1,2-Dichloroethene		<0.6	<3.5	<3.5	<0.7
1,2-Dichloropropane		<0.5	<2.5	<2.5	<0.5
1,3-Dichloropropane		<0.5	<2.5	<2.5	<0.5
2,2-Dichloropropane		<0.7	<3.5	<3.5	<0.7
1,1-Dichloropropene		<0.5	<2.5	<2.5	<0.5
Ethylbenzene		<0.5	<2.5	540	<0.5
Hexachlorobutadiene		<0.7	<3.5	<3.5	<0.7
Isopropylbenzene		<0.5	7.1	31	<0.5
p-Isopropyltoluene		<0.5	10	<2.5	<0.5
Methylene chloride		26*	17*	<10	<2.0
Naphthalene		<0.7	<3.5	81	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-12 MW28	8748-13[a] MW11A	8748-14[a] MW11	8748-15 Trip Blank
EPA Method 8021					
n-Propylbenzene		<0.6	12	50	<0.6
Styrene		<0.6	<3.0	24	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<2.5	<2.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<2.5	<2.5	<0.5
Tetrachloroethene		1.0	<2.5	<2.5	<0.5
Toluene		1.7	<2.5	28	<0.5
1,2,3-Trichlorobenzene		<0.5	<2.5	<2.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<2.5	<2.5	<0.5
1,1,1-Trichloroethane		1.9	<2.5	<2.5	<0.5
1,1,2-Trichloroethane		<0.5	<2.5	<2.5	<0.5
Trichloroethene		2.3	<2.5	<2.5	<0.5
Trichlorofluoromethane		<0.5	<2.5	<2.5	<0.5
1,2,3-Trichloropropane		<0.5	<2.5	<2.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<4.5	36	<0.9
1,3,5-Trimethylbenzene		<0.5	7.3	41	<0.5
Vinyl Chloride		<0.5	<2.5	<2.5	<0.5
o-Xylenes		<0.5	<2.5	<2.5	<0.5
m & p Xylenes		<0.5	7.0	1,000	<0.5

[a] Elevated detection level due to high analyte concentration; a 5x dilution necessary.

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-16 MW40	8748-17[b] MW35B	8748-18 MW41	8748-19 MW38
EPA Method 8021					
Benzene		<0.5	18,000	<0.5	<0.5
Bromobenzene		<0.5	<25	<0.5	<0.5
Bromochloromethane		<0.5	<25	<0.5	<0.5
Bromodichloromethane		<0.5	<25	<0.5	<0.5
Bromoform		<0.5	<25	<0.5	<0.5
Bromomethane		<0.5	<25	<0.5	<0.5
n-Butylbenzene		<0.5	390	<0.5	<0.5
sec-Butylbenzene		<0.8	<40	<0.8	<0.8
tert-Butylbenzene		<0.5	<25	<0.5	<0.5
Carbon tetrachloride		<0.5	<25	<0.5	<0.5
Chlorobenzene		<0.5	<25	<0.5	<0.5
Chlorodibromomethane		<0.5	<25	<0.5	<0.5
Chloroethane		9.9	<25	<0.5	22
Chloroform		1.1	70	<0.5	0.8
Chloromethane		<0.5	<25	<0.5	<0.5
2-Chlorotoluene		<0.5	<25	<0.5	<0.5
4-Chlorotoluene		<0.5	<25	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<25	<0.5	<0.5
1,2-Dibromomethane		<0.5	<25	<0.5	<0.5
Dibromomethane		<0.5	<25	<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-16 MW40	8748-17[b] MW35B	8748-18 MW41	8748-19 MW38
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<25	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<25	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<30	<0.6	<0.6
Dichlorodifluoromethane		18	<25	<0.5	<0.5
1,1-Dichloroethane		67	97	<0.5	250
1,2-Dichloroethane		<0.5	<25	<0.5	<0.5
1,1-Dichloroethene		<0.5	<25	0.9	2.8
cis-1,2-Dichloroethene		3.7	950	<0.6	540
trans-1,2-Dichloroethene		2.9	<35	<0.7	19
1,2-Dichloropropane		<0.5	<25	<0.5	<0.5
1,3-Dichloropropane		<0.5	<25	<0.5	<0.5
2,2-Dichloropropane		<0.7	<35	<0.7	<0.7
1,1-Dichloropropene		<0.5	<25	<0.5	0.9
Ethylbenzene		<0.5	350	<0.5	<0.5
Hexachlorobutadiene		<0.7	<35	<0.7	<0.7
Isopropylbenzene		<0.5	110	<0.5	<0.5
p-Isopropyltoluene		<0.5	920	<0.5	<0.5
Methylene chloride		23*	<250	<2.0	19*
Naphthalene		<0.7	540	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

ORIGINAL

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-16 MW40	8748-17[b] MW35B	8748-18 MW41	8748-19 MW38
EPA Method 8021					
n-Propylbenzene		<0.6	130	<0.6	<0.6
Styrene		<0.6	<30	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<25	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<25	<0.5	<0.5
Tetrachloroethene		1.2	51	<0.5	0.6
Toluene		<0.5	18,000	<0.5	<0.5
1,2,3-Trichlorobenzene		<0.5	<25	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<25	<0.5	<0.5
1,1,1-Trichloroethane		3.5	96	<0.5	1.1
1,1,2-Trichloroethane		<0.5	<25	<0.5	<0.5
Trichloroethene		4.1	150	<0.5	60
Trichlorofluoromethane		2.3	<25	<0.5	1.0
1,2,3-Trichloropropane		<0.5	<25	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	1,500	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	880	<0.5	<0.5
Vinyl Chloride		3.0	<25	<0.5	140
o-Xylenes		<0.5	4,400	<0.5	<0.5
m & p Xylenes		<0.5	12,000	<0.5	<0.5

[b] Elevated detection level due to high analyte concentration; a 50x dilution necessary.

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ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-20 MW138	8748-21 MW12	8748-22 MW31	8748-23 MW30
EPA Method 8021					
Benzene		<0.5	<0.5	<0.5	<0.5
Bromobenzene		<0.5	<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5	<0.5
n-Butylbenzene		<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5	<0.5
Chloroethane		23	<0.5	<0.5	<0.5
Chloroform		0.8	<0.5	1.2	1.0
Chloromethane		<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5	<0.5

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-20 MW138	8748-21 MW12	8748-22 MW31	8748-23 MW30
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane		220	<0.5	0.8	<0.6
1,2-Dichloroethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene		3.0	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene		460	<0.6	4.6	<0.6
trans-1,2-Dichloroethene		21	<0.7	1.1	<0.7
1,2-Dichloropropane		<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane		<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7	<0.7
1,1-Dichloropropene		0.8	<0.5	<0.5	<0.5
Ethylbenzene		<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5	<0.5
Methylene chloride		21*	<2.0	20*	21*
Naphthalene		<0.7	<0.7	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

ORIGINAL

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-20 MW138	8748-21 MW12	8748-22 MW31	8748-23 MW30
EPA Method 8021					
n-Propylbenzene		<0.6	<0.6	<0.6	<0.6
Styrene		<0.6	<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
Tetrachloroethene		0.6	<0.5	<0.5	<0.5
Toluene		<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane		1.1	<0.5	<0.5	0.7
1,1,2-Trichloroethane		<0.5	<0.5	<0.5	<0.5
Trichloroethene		60	<0.5	3.6	2.1
Trichlorofluoromethane		1.1	<0.5	0.7	0.6
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5	<0.5
Vinyl Chloride		140	<0.5	<0.5	<0.5
o-Xylenes		<0.5	<0.5	<0.5	<0.5
m & p Xylenes		<0.5	<0.5	<0.5	<0.5

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ANALYTICAL REPORT REPORT NUMBER: A2594

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325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-24 MW29	8748-25 MW29A	8748-26 MW36A
EPA Method 8021				
Benzene		<0.5	<0.5	<0.5
Bromobenzene		<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5
n-Butylbenzene		<0.5	<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5
Chloroethane		<0.5	<0.5	68
Chloroform		0.9	<0.5	1.3
Chloromethane		<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5

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ANALYTICAL REPORT REPORT NUMBER: A2594

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325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-24 MW29	8748-25 MW29A	8748-26 MW36A
EPA Method 8021				
1,2-Dichlorobenzene		<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5
1,1-Dichloroethane		<0.5	<0.5	<0.5
1,2-Dichloroethane		<0.5	<0.5	<0.5
1,1-Dichloroethene		<0.5	<0.5	<0.5
cis-1,2-Dichloroethene		<0.6	<0.6	<0.6
trans-1,2-Dichloroethene		<0.7	<0.7	6.4
1,2-Dichloropropane		<0.5	<0.5	1.7
1,3-Dichloropropane		<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7
1,1-Dichloropropene		<0.5	<0.5	<0.5
Ethylbenzene		<0.5	<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5
Methylene chloride		20*	<2.0	22*
Naphthalene		<0.7	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

ORIGINAL

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ANALYTICAL REPORT REPORT NUMBER: A2594

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 12, 1994
PURCHASE ORDER:
SEI NO: WL8748
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8748-24 MW29	8748-25 MW29A	8748-26 MW36A
EPA Method 8021				
n-Propylbenzene		<0.6	<0.6	<0.6
Styrene		<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5
Tetrachloroethene		<0.5	<0.5	<0.5
Toluene		<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5
1,1,1-Trichloroethane		0.8	<0.5	<0.5
1,1,2-Trichloroethane		<0.5	<0.5	<0.5
Trichloroethene		1.5	<0.5	1.6
Trichlorofluoromethane		1.3	<0.5	1.3
1,2,3-Trichloropropane		<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5
Vinyl Chloride		<0.5	<0.5	5.4
o-Xylenes		<0.5	<0.5	<0.5
m & p Xylenes		<0.5	<0.5	<0.5

Clark J. Crosby
Laboratory Manager

ORIGINAL

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	NO. OF CONTAINERS	TEST PARAMETERS: VOCs (EPA method 8021)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	PROJECT NO: TRIAD ENGINEERING INC. WJ943163.007			

SAMPLERS: L. STANTON, G. MEINHOLZ, K. SPIEKER

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOCs (EPA method 8021)	SAMPLE TYPE
		12/14/93	0855		✓	SUMP 6 INFLUENT	2	✓	GROUNDWATER
		12/14/93	0855		✓	SUMP 6 EFFLUENT	2	✓	
	MW-27	12/14/93	0823		✓	MW-27	2	✓	
	MW-27C	12/14/93	0915		✓	MW-27C	2	✓	
	MW27B	12/14/93	0840		✓	MW-27B	2	✓	
	MW-127B	12/14/93	0843		✓	MW 127 B	2	✓	
	MW-27D	12/14/93	0940		✓	MW 27D	2	✓	
	MW-27E	12/14/93	0945		✓	MW-27E	2	✓	
	MW-27A	12/14/93	1003		✓	MW-27A	2	✓	
	MW-26	12/14/93	1020		✓	MW-26	2	✓	
	MW-11B	12/14/93	1025		✓	MW-11B	2	✓	
	MW-28	12/14/93	1043		✓	MW-28	2	✓	
	MW-11A	12/14/93	1048		✓	MW-11A	2	✓	✓

SAMPLE CONDITION: ON ICE

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
G. Meinholz	12/15/93	C. Deimel	12/15/93 11:50 am
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
C. Deimel	12/15/93 11:50 am	Gary E Barry	12/15/93 1150

SPECIAL REQUESTS:

REPORT TO: Jeanne Ramponi

NAME: Triad ~~Engineering~~ Engineering

ADDRESS: 325 E Chicago Milw

PHONE: 291 8840

LABORATORY
3150 North Brookfield Rd.
Brookfield, WI 53045
(414) 783-6111
Fax (414) 783-5752

SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	NO. OF CONTAINERS	TEST PARAMETERS: VOC (Fingerprint 8021)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	TRIAD ENGINEERING INC PROJECT NO. 943163.0127			

SAMPLERS: L. Swanson, C. Meinholz, K. Spicer

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC (Fingerprint 8021)	SAMPLE TYPE
	MW-11	12/14/93	1150		✓	MW-11	2	✓	GROUNDWATER
		12/14/93			✓	TRIP BLANK	2	✓	"
	MW-40	12/14/93	1320		✓	MW-40	2	✓	"
	MW-35B	12/14/93	1325		✓	MW-~~35~~ 35B	2	✓	"
	MW-41	12/14/93	1348		✓	MW-41	2	✓	"
	MW-38	12/14/93	1353		✓	MW-38	2	✓	"
	MW-138	12/14/93	1355		✓	MW-138	2	✓	"
	MW-12	12/14/93	1453		✓	MW-12	2	✓	"
	MW-1	12/14/93	1457		✓	MW-1	2	✓	"
	MW-2	12/14/93	1500		✓	MW-2	2	✓	"
	MW-29	12/14/93	1504		✓	MW-29	2	✓	"
	MW-29A	12/14/93	1510		✓	MW-29A	2	✓	"
	MW-31A	12/14/93	1533		✓	MW-31A	2	✓	"

SAMPLE CONDITION: GOOD

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
C. Meinholz	12/15/93 8:30	C. Dienst	12/15/93 11:55 am
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
C. Dienst	12/15/93 11:30 am	Gary E Barry	12/15/93 1150

SPECIAL REQUESTS:

REPORT TO: Jeanne Ramponi
NAME: Triad Engineering Inc.
ADDRESS: 325 E. Chicago
PHONE: Milw 291 8840

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Brookfield, WI 53045
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SWANSON ENVIRONMENTAL INC.

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FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B5090

Triad Engineering, Inc.
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 6, 1994
PURCHASE ORDER:
SEI NO: WL8749
DATE COLLECTED: 12/14/93
DATE RECEIVED: 12/15/93
DATE ANALYZED: 12/27/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8749-1 / MW-5
EPA Method 8020		
Benzene		<1
Ethylbenzene		<1
Toluene		<1
Xylenes		<1

Clark J. Crosby
Laboratory Manager

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	PROJECT NO.
	TRIAD ENGINEERING INC.	W143163.007

SAMPLERS: CD, CAM, KS

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: BETEX (8020)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	MW-5	12/14/	1500		✓	MW-5	2	✓	Groundwater

SAMPLE CONDITION: on ice

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
C. Merkel	12/15/93	C. Dunst	12/15 | 11 50 am
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
C. Dunst	12/15 | 11 50 am	Gary E Barry	12/15 | 1150

SPECIAL REQUESTS:

REPORT TO: Jeanne Ramponi

NAME: Triad Eng. Inc

ADDRESS: 325 E Chicago

PHONE: Milw. WI 291 8840

LABORATORY
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Brookfield, WI 53045
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SWANSON ENVIRONMENTAL INC.

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FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A2593

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 13, 1994
PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

SEI ID	Sample ID	Date Analyzed
8780-2	MW17	12/21/93
8780-3	MW43	12/21/93
8780-4	MW45	12/28/93
8780-5	MW25	12/22/93
8780-7	MW21A	12/22/93
8780-8	MW21	12/23/93
8780-9	MW19	12/20/93
8780-10	Trip Blank	12/20/93
8780-11	MW18A	12/29/93
8780-12	MW18B	12/21/93
8780-13	MW18C	12/21/93
8780-14	MW18D	12/23/93
8780-15	MW18	12/21/93
8780-16	MW118	12/21/93
8780-17	MW20	12/21/93
8780-18	MW44	12/21/93
8780-19	MW14	12/21/93
8780-20	MW16	12/21/93
8780-21	MW116	12/21/93
8780-22	MW16A	12/21/93
8780-23	MW34R	12/23/93

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A2593

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 13, 1994
PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: mg/L (ppm)

DATE ANALZED
GRO - 12/27 & 28/93
BTEX - 12/27 & 28/93
Cyanides - 12/1 & 207/93

SEI ID	Sample ID	Cyanides, Dissolved
8780-2	MW17	<0.0035
8780-3	MW43	0.25
8780-13	MW18C	<0.0035
8780-14	MW18D	<0.0035
8780-15	MW18	<0.0035
8780-16	MW118	<0.0035
8780-17	MW20	0.08
8780-19	MW14	<0.0035
8780-20	MW16	0.51
8780-21	MW116	0.26
8780-22	MW16A	0.04

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Matrix: Groundwater

Units: ug/L (ppb)

DNR #	Analyte	SEI ID Sample ID PQL
EPA Method 8020		
78124	Benzene	1
78113	Toluene	1
78131	Ethylbenzene	1
81551	Xylenes	1
WDNR Modified Method GRO		
78920	GRO, mg/L (ppm)	0.1

* Sample was not homogeneous.

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	PQL	8780-2 MW17	8780-3 MW43	8780-4[a] MW45
EPA Method 8021					
Benzene		0.5	<0.5	<0.5	18,000
Bromobenzene		0.5	<0.5	<0.5	<50
Bromochloromethane		0.5	<0.5	<0.5	<50
Bromodichloromethane		0.5	<0.5	<0.5	<50
Bromoform		0.5	<0.5	<0.5	<50
Bromomethane		0.5	<0.5	<0.5	<50
n-Butylbenzene		0.5	<0.5	<0.5	360
sec-Butylbenzene		0.8	<0.8	<0.8	<80
tert-Butylbenzene		0.5	<0.5	<0.5	1,900
Carbon tetrachloride		0.5	<0.5	<0.5	<50
Chlorobenzene		0.5	<0.5	<0.5	<50
Chlorodibromomethane		0.5	<0.5	<0.5	<50
Chloroethane		0.5	<0.5	<0.5	<50
Chloroform		0.5	<0.5	<0.5	11,000
Chloromethane		0.5	<0.5	<0.5	<50
2-Chlorotoluene		0.5	<0.5	<0.5	<50
4-Chlorotoluene		0.5	<0.5	<0.5	<50
1,2-Dibromo-3-chloropropane		0.5	<0.5	<0.5	<50
1,2-Dibromomethane		0.5	<0.5	<0.5	<50
Dibromomethane		0.5	<0.5	<0.5	<50

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	PQL	8780-2 MW17	8780-3 MW43	8780-4[a] MW45
EPA Method 8021					
1,2-Dichlorobenzene		0.5	<0.5	<0.5	<50
1,3-Dichlorobenzene		0.5	<0.5	<0.5	<50
1,4-Dichlorobenzene		0.6	<0.6	<0.6	<60
Dichlorodifluoromethane		0.5	<0.5	<0.5	100
1,1-Dichloroethane		0.6	<0.6	3.1	<60
1,2-Dichloroethane		0.5	<0.5	<0.5	<50
1,1-Dichloroethene		0.5	<0.5	<0.5	160
cis-1,2-Dichloroethene		0.6	<0.6	27	180,000
trans-1,2-Dichloroethene		0.7	<0.7	22	150
1,2-Dichloropropane		0.5	<0.5	<0.5	<50
1,3-Dichloropropane		0.5	<0.5	<0.5	<50
2,2-Dichloropropane		0.7	<0.7	<0.7	<70
1,1-Dichloropropene		0.5	<0.5	<0.5	<50
Ethylbenzene		0.5	<0.5	<0.5	1,100
Hexachlorobutadiene		0.7	<0.7	<0.7	<70
Isopropylbenzene		0.5	<0.5	<0.5	150
p-Isopropyltoluene		0.5	<0.5	<0.5	540
Methylene chloride		2.0	<2.0	<2.0	<200
Naphthalene		0.7	<0.7	<0.7	1,700

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	PQL	8780-2 MW17	8780-3 MW43	8780-4[a] MW45
EPA Method 8021					
n-Propylbenzene		0.6	<0.6	<0.6	190
Styrene		0.6	<0.6	<0.6	480
1,1,1,2-Tetrachloroethane		0.5	<0.5	<0.5	<50
1,1,2,2-Tetrachloroethane		0.5	<0.5	<0.5	<50
Tetrachloroethene		0.5	<0.5	<0.5	<50
Toluene		0.5	<0.5	0.7	990
1,2,3-Trichlorobenzene		0.5	<0.5	<0.5	<50
1,2,4-Trichlorobenzene		0.5	<0.5	<0.5	<50
1,1,1-Trichloroethane		0.5	<0.5	<0.5	16,000
1,1,2-Trichloroethane		0.5	<0.5	<0.5	<50
Trichloroethene		0.5	<0.5	10	33,000
Trichlorofluoromethane		0.5	<0.5	<0.5	<50
1,2,3-Trichloropropane		0.5	<0.5	<0.5	<50
1,2,4-Trimethylbenzene		0.9	<0.9	<0.9	13,000
1,3,5-Trimethylbenzene		0.5	<0.5	<0.5	450
Vinyl Chloride		0.5	<0.5	<0.5	<50
o-Xylenes		0.5	<0.5	<0.5	<50
m & p Xylenes		0.5	<0.5	<0.5	1,900

[a] Elevated detection level due to high analyte concentration; a 100x dilution necessary.

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-5 MW25	8780-7 MW21A	8780-8 MW21	8780-9 MW19
EPA Method 8021					
Benzene		2.5	4.9	4.8	<0.5
Bromobenzene		<0.5	<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5	<0.5
n-Butylbenzene		7.9	<0.5	4.9	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5	<0.5
Chloroethane		<0.5	8.7	<0.5	<0.5
Chloroform		<0.5	<0.5	<0.5	<0.5
Chloromethane		<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5	<0.5

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-5 MW25	8780-7 MW21A	8780-8 MW21	8780-9 MW19
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane		<0.6	<0.6	2.2	5.4
1,2-Dichloroethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene		10	-2.4	<0.5	<0.5
cis-1,2-Dichloroethene		850	240	<0.6	<0.6
trans-1,2-Dichloroethene		1,100	19	10	9.6
1,2-Dichloropropane		<0.5	<0.5	2.6	0.9
1,3-Dichloropropane		<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7	<0.7
1,1-Dichloropropene		2.4	<0.5	<0.5	<0.5
Ethylbenzene		3.8	5.0	2.9	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	5.9	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5	<0.5
Methylene chloride		<2.0	<2.0	<2.0	<2.0
Naphthalene		<0.7	9.0	1.1	<0.7

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-5 MW25	8780-7 MW21A	8780-8 MW21	8780-9 MW19
EPA Method 8021					
n-Propylbenzene		<0.6	<0.6	4.1	<0.6
Styrene		<0.6	<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
Tetrachloroethene		1.2	<0.5	1.0	<0.5
Toluene		<0.5	1.5	1.7	<0.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane		<0.5	2.0	<0.5	<0.5
1,1,2-Trichloroethane		<0.5	<0.5	<0.5	<0.5
Trichloroethene		70	10	3.1	50
Trichlorofluoromethane		<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	5.4	<0.9	<0.9
1,3,5-Trimethylbenzene		8.8	3.5	2.1	<0.5
Vinyl Chloride		4.1	<0.5	<0.5	<0.5
o-Xylenes		980	60	2.7	<0.5
m & p Xylenes		5.9	6.6	<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-10 Trip Blank	8780-11 MW18A	8780-12 MW18B	8780-13 MW18C
EPA Method 8021					
Benzene		<0.5	<0.5	<0.5	1.5
Bromobenzene		<0.5	<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5	<0.5
n-Butylbenzene		<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5	<0.5
Chloroethane		<0.5	<0.5	<0.5	3.5
Chloroform		<0.5	<0.5	<0.5	<0.5
Chloromethane		<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-10 Trip Blank	8780-11 MW18A	8780-12 MW18B	8780-13 MW18C
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane		<0.6	<0.6	<0.6	90
1,2-Dichloroethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene		<0.5	<0.5	<0.5	7.8
cis-1,2-Dichloroethene		<0.6	<0.6	<0.6	1,400
trans-1,2-Dichloroethene		<0.7	<0.7	<0.7	39
1,2-Dichloropropane		<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane		<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7	<0.7
1,1-Dichloropropene		<0.5	<0.5	<0.5	2.4
Ethylbenzene		<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5	<0.5
Methylene chloride		<2.0	<2.0	19*	<2.0
Naphthalene		<0.7	<0.7	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-10 Trip Blank	8780-11 MW18A	8780-12 MW18B	8780-13 MW18C
EPA Method 8021					
n-Propylbenzene		<0.6	<0.6	<0.6	<0.6
Styrene		<0.6	<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
Tetrachloroethene		<0.5	1.1	<0.5	<0.5
Toluene		<0.5	1.8	<0.5	<0.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane		<0.5	1.9	<0.5	<0.5
Trichloroethene		<0.5	<0.5	<0.5	140
Trichlorofluoromethane		<0.5	2.2	<0.5	<0.5
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5	<0.5
Vinyl Chloride		<0.5	<0.5	<0.5	20
o-Xylenes		<0.5	<0.5	<0.5	<0.5
m & p Xylenes		<0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-14 MW18D	8780-15 MW18	8780-16 MW118	8780-17[b] MW20
EPA Method 8021					
Benzene		1.3	<0.5	1.4	<25
Bromobenzene		<0.5	<0.5	<0.5	<25
Bromochloromethane		<0.5	<0.5	<0.5	<25
Bromodichloromethane		<0.5	<0.5	<0.5	<25
Bromoform		<0.5	<0.5	<0.5	<25
Bromomethane		<0.5	<0.5	<0.5	<25
n-Butylbenzene		40	<0.5	<0.5	<25
sec-Butylbenzene		<0.8	<0.8	<0.8	<40
tert-Butylbenzene		<0.5	<0.5	<0.5	<25
Carbon tetrachloride		<0.5	<0.5	<0.5	<25
Chlorobenzene		<0.5	<0.5	<0.5	<25
Chlorodibromomethane		<0.5	<0.5	<0.5	<25
Chloroethane		<0.5	2.5	2.4	<25
Chloroform		<0.5	<0.5	<0.5	50
Chloromethane		<0.5	<0.5	<0.5	<25
2-Chlorotoluene		<0.5	<0.5	<0.5	<25
4-Chlorotoluene		<0.5	<0.5	<0.5	<25
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<25
1,2-Dibromomethane		<0.5	<0.5	<0.5	<25
Dibromomethane		<0.5	<0.5	<0.5	<25

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A2593

Triad Engineering, Incorporated
325 East Chicago Street
Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 13, 1994
PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-14 MW18D	8780-15 MW18	8780-16 MW118	8780-17[b] MW20
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<25
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<25
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<30
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<25
1,1-Dichloroethane		2.7	6.2	6.6	90
1,2-Dichloroethane		<0.5	<0.5	<0.5	<25
1,1-Dichloroethene		<0.5	7.3	7.5	<25
cis-1,2-Dichloroethene		8.8	1,400	1,400	380
trans-1,2-Dichloroethene		2.4	160	200	120
1,2-Dichloropropane		<0.5	<0.5	<0.5	<25
1,3-Dichloropropane		<0.5	<0.5	<0.5	<25
2,2-Dichloropropane		<0.7	<0.7	<0.7	<35
1,1-Dichloropropene		<0.5	<0.5	<0.5	<25
Ethylbenzene		6.3	2.1	2.1	<25
Hexachlorobutadiene		<0.7	<0.7	<0.7	<35
Isopropylbenzene		8.3	<0.5	<0.5	<25
p-Isopropyltoluene		<0.5	<0.5	<0.5	<25
Methylene chloride		<2.0	<2.0	<2.0	260*
Naphthalene		3.0	<0.7	<0.7	<35

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 13, 1994
PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-14 MW18D	8780-15 MW18	8780-16 MW118	8780-17[b] MW20
EPA Method 8021					
n-Propylbenzene		40	<0.6	<0.6	<30
Styrene		<0.6	<0.6	<0.6	<30
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<25
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<25
Tetrachloroethene		<0.5	<0.5	<0.5	<25
Toluene		2.5	<0.5	<0.5	70
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<25
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<25
1,1,1-Trichloroethane		1.9	<0.5	<0.5	<25
1,1,2-Trichloroethane		<0.5	<0.5	<0.5	<25
Trichloroethene		2.7	1,900	2,000	210
Trichlorofluoromethane		<0.5	<0.5	<0.5	<25
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<25
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9	<45
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5	73
Vinyl Chloride		<0.5	210	<0.5	<25
o-Xylenes		10	<0.5	2.8	<25
m & p Xylenes		<0.5	<0.5	<0.5	<25

[b] Elevated detection level due to high analyte concentration; a 50x dilution necessary.

ORIGINAL

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ANALYTICAL REPORT

REPORT NUMBER: A2593

Triad Engineering, Incorporated
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Milwaukee, WI 53202

Attn: Ms. Jeanne Ramponi
Project #W943163.007

DATE: January 13, 1994
PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-18 MW44	8780-19 MW14	8780-20 MW16	8780-21 MW116
EPA Method 8021					
Benzene		0.8	<0.5	<0.5	<0.5
Bromobenzene		<0.5	<0.5	<0.5	<0.5
Bromochloromethane		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane		<0.5	<0.5	<0.5	<0.5
Bromoform		<0.5	<0.5	<0.5	<0.5
Bromomethane		<0.5	<0.5	<0.5	<0.5
n-Butylbenzene		<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8	<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5	<0.5	<0.5
Chlorobenzene		<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5	<0.5	<0.5
Chloroethane		<0.5	<0.5	2.7	<0.5
Chloroform		<0.5	<0.5	<0.5	<0.5
Chloromethane		<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5	<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5	<0.5	<0.5
Dibromomethane		<0.5	<0.5	<0.5	<0.5

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Triad Engineering, Incorporated
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Milwaukee, WI 53202

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Project #W943163.007

DATE: January 13, 1994
PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-18 MW44	8780-19 MW14	8780-20 MW16	8780-21 MW116
EPA Method 8021					
1,2-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6	<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane		<0.6	<0.6	1.2	2.3
1,2-Dichloroethane		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene		<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene		<0.6	<0.6	<0.6	2.7
trans-1,2-Dichloroethene		<0.7	<0.7	<0.7	<0.7
1,2-Dichloropropane		<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane		<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7	<0.7	<0.7
1,1-Dichloropropene		<0.5	<0.5	<0.5	<0.5
Ethylbenzene		<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7	<0.7	<0.7
Isopropylbenzene		<0.5	<0.5	<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5	<0.5	<0.5
Methylene chloride		<2.0	<2.0	<2.0	3.0*
Naphthalene		<0.7	<0.7	<0.7	<0.7

* Methylene chloride is a commonly used solvent in the laboratory. This result may be biased high.

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PURCHASE ORDER:
SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-18 MW44	8780-19 MW14	8780-20 MW16	8780-21 MW116
EPA Method 8021					
n-Propylbenzene		<0.6	<0.6	<0.6	<0.6
Styrene		<0.6	<0.6	<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5	<0.5	<0.5
Tetrachloroethene		<0.5	<0.5	<0.5	<0.5
Toluene		<0.5	<0.5	<0.5	1.5
1,2,3-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane		<0.5	<0.5	<0.5	2.0
1,1,2-Trichloroethane		<0.5	<0.5	<0.5	<0.5
Trichloroethene		<0.5	<0.5	<0.5	2.4
Trichlorofluoromethane		<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane		<0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9	<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5	<0.5	<0.5
Vinyl Chloride		<0.5	<0.5	<0.5	<0.5
o-Xylenes		<0.5	<0.5	<0.5	<0.5
m & p Xylenes		<0.5	<0.5	<0.5	<0.5

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SEI NO: WL8780
DATE COLLECTED: 12/15/93
DATE RECEIVED: 12/16/93

Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-22 MW16A	8780-23 MW34R
EPA Method 8021			
Benzene		<0.5	<0.5
Bromobenzene		<0.5	<0.5
Bromochloromethane		<0.5	<0.5
Bromodichloromethane		<0.5	<0.5
Bromoform		<0.5	<0.5
Bromomethane		<0.5	<0.5
n-Butylbenzene		<0.5	<0.5
sec-Butylbenzene		<0.8	<0.8
tert-Butylbenzene		<0.5	<0.5
Carbon tetrachloride		<0.5	<0.5
Chlorobenzene		<0.5	<0.5
Chlorodibromomethane		<0.5	<0.5
Chloroethane		<0.5	<0.5
Chloroform		<0.5	0.8
Chloromethane		<0.5	<0.5
2-Chlorotoluene		<0.5	<0.5
4-Chlorotoluene		<0.5	<0.5
1,2-Dibromo-3-chloropropane		<0.5	<0.5
1,2-Dibromomethane		<0.5	<0.5
Dibromomethane		<0.5	<0.5

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID / Sample ID	8780-22 MW16A	8780-23 MW34R
EPA Method 8021			
1,2-Dichlorobenzene		<0.5	<0.5
1,3-Dichlorobenzene		<0.5	<0.5
1,4-Dichlorobenzene		<0.6	<0.6
Dichlorodifluoromethane		<0.5	<0.5
1,1-Dichloroethane		<0.5	<0.5
1,2-Dichloroethane		<0.5	<0.5
1,1-Dichloroethene		<0.5	<0.5
cis-1,2-Dichloroethene		<0.6	2.7
trans-1,2-Dichloroethene		<0.7	<0.7
1,2-Dichloropropane		<0.5	<0.5
1,3-Dichloropropane		<0.5	<0.5
2,2-Dichloropropane		<0.7	<0.7
1,1-Dichloropropene		<0.5	<0.5
Ethylbenzene		<0.5	<0.5
Hexachlorobutadiene		<0.7	<0.7
Isopropylbenzene		<0.5	<0.5
p-Isopropyltoluene		<0.5	<0.5
Methylene chloride		<2.0	<2.0
Naphthalene		<0.7	<0.7

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Matrix: Groundwater

Units: ug/L (ppb)

Analyte	SEI ID Sample ID	8780-22 MW16A	8780-23 MW34R
EPA Method 8021			
n-Propylbenzene		<0.6	<0.6
Styrene		<0.6	<0.6
1,1,1,2-Tetrachloroethane		<0.5	<0.5
1,1,2,2-Tetrachloroethane		<0.5	<0.5
Tetrachloroethene		<0.5	<0.5
Toluene		<0.5	1.3
1,2,3-Trichlorobenzene		<0.5	<0.5
1,2,4-Trichlorobenzene		<0.5	<0.5
1,1,1-Trichloroethane		<0.5	1.9
1,1,2-Trichloroethane		<0.5	<0.5
Trichloroethene		<0.5	2.3
Trichlorofluoromethane		<0.5	<0.5
1,2,3-Trichloropropane		<0.5	<0.5
1,2,4-Trimethylbenzene		<0.9	<0.9
1,3,5-Trimethylbenzene		<0.5	<0.5
Vinyl Chloride		<0.5	<0.5
o-Xylenes		<0.5	<0.5
m & p Xylenes		<0.5	<0.5

Clark J. Crosby
Laboratory Manager

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	PROJECT NO.
	TRIAD ENGINEERING	W743163.007

SAMPLERS: L. STANTON, G. MEINHOLZ

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: BETX (8020)	GRO (WI/MI Mod. Gasoline)	VOC (8021)	CYN (335.2) FILTERED	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
		12/15/93	1158		X	SUMP 2	2	X				GROUNDWATER
			1158		X	SUMP 2	1		X			
			1216		X	MW-17	2			X		
			1310		X	MW-17	1				X	
			1340		X	MW-43	2			X		
			1340		X	MW-43	1				X	
			1430		X	MW-45	2			X		
			1435		X	MW-25	2			X		
			1503		X	SUMP 3	2	X				
			1503		X	SUMP 3	1		X			
			1553		X	MW-21A	2			X		
			1550		X	MW-21	2			X		
		↓	1615		X	MW-19	2			X		↓

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	SPECIAL REQUESTS:
Greg Meinholz	12/16 0950	Richard J Binder	12/16 12:33	
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**	
Richard J Binder	12/16 1950	T. L. Hamerla	12/16 12:33	

REPORT TO:

NAME: Richard J. Binder

ADDRESS: Triad Engineering
325 East Chicago Street

PHONE: 291-8840

LABORATORY
3150 North Brookfield Rd.
Brookfield, WI 53045
(414) 783-6111
Fax (414) 783-5752

SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	PROJECT NO.
	TRIAD ENGINEERING	W943163.007

SAMPLERS: L. STANTON, G. MEINHOLZ

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: VOC (8021)	TEST PARAMETERS: CYN(335.2) FILTERED	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
		12-15-94				TRIP BLANK	2	X		TRIP BLANK
			0820		X	MW-18A	2	X		GROUND WATER
			0818		X	MW-18B	2	X		
			0825		X	MW-18C	3	X	X	
			0753		X	MW-18D	3	X	X	
			0949		X	MW-18	3	X	X	
			0951		X	MW-118	3	X	X	
			0935		X	MW-20	3	X	X	
			1010		X	MW-44	2	X		
			1059		X	MW-14	3	X	X	
			1055		X	MW-16	3	X	X	
			1056		X	MW-116	3	X	X	
			1122		X	MW-16A	3	X	X	

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
Greg Meinholz	12/16 0950	Richard J Binder	
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
Richard J Binder	12/16 1950	T. L. Tomaszka	12/16 12:35

SPECIAL REQUESTS:

REPORT TO:

NAME: Richard J. Binder
Triad Engineering
ADDRESS: 325 E. Chicago Street
PHONE: 291-8840

LABORATORY
3150 North Brookfield Rd.
Brookfield, WI 53045
(414) 783-6111
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SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

1.5

PROJ. NO.	PROJECT NAME	PROJECT NO.
	TRIAD ENGINEERING	W943163.007

SAMPLERS: G. MEINHOLZ, L. STANTON

SEI #	STA. NO.	*DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: VOC (8021)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	1	12-16-93	1136		X	MW-34R	2	X	GROUNDWATER

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
[signature]	12/16 1237	[signature]	12/16 1237
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
[signature]	12/16 1237	[signature]	12/16 1235

SPECIAL REQUESTS:

REPORT TO:

NAME: RICHARD J. BINDER
TRIAD ENGINEERING
ADDRESS: 325 E CHICAGO, ST
MILWAUKEE, WI 53202
PHONE: 291-8840

LABORATORY
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SWANSON ENVIRONMENTAL INC.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 Fourth Quarter Sampling
Project Number: W943163.007
Location: Kenosha, Wisconsin
Field Equipment:
pH: SCHOTT Model 819 pH Meter
Conductivity: HANNA HI 8733 Conductivity Meter
Temperature: Thermometer
Samplers:
Greg Meinholz
Lonny Stanton, Kurt Speiker

Sampling and Field Measurement/Observation

Sample Location Identification:	MW–1	MW–2	MW–3	MW–4
Water Type		Gndwtr		Gndwtr
Date	Well	12/14/93	Unable	12/14/93
Sampled by	has been	LJS/GJM	to open	LJS/GJM
Reference Elevation (Top of riser etc.)	abandoned	TOR		TOR
Measured Depth to Water (ft.)		7.66		8.15
Measured Well Depth (ft.)				
Purging/Sampling Device(s)				
Well Casing Volumes/Gallons Purged				
Well Purged Dry? (Y/N)				
Time Purging Completed (Military)				
Time Sample Withdrawn (Military)				
Field Temperature (degrees C)				
Field Conductivity: Measured (u mhos/cm)				
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)				
Alkalinity (mg/l)				
Color				
Odor				
Turbidity				
Other				

Sampling Container and Preservation Information

Sample Parameter(s)				
# Of Containers & Volume				
Container Type (amber glass, clear glass, plastic etc.)				
Filtered/Unfiltered				
Preserved/Unpreserved/Type				
Refrigerated/on Ice				

Shipping Information

Laboratory				
Date Submitted				
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.				

MW-5	MW-5A	MW-6	MW-6A	MW-6B	MW-6C	MW-7	MW-8
Gndwtr	Gndwtr	Gndwtr	Gndwtr		Gndwtr	Gndwtr	Gndwtr
12/14/93	12/14/93	12/14/93	12/14/93	Well	12/14/93	12/14/93	12/14/93
GJM	LJS/GJM	LJS/GJM	LJS/GJM	has been	LJS/GJM	LJS/GJM	LJS/GJM
TOR	TOR	TOR	TOR	abandoned	TOR	TOR	TOR
14.21	12.90	5.36	8.77		8.05	2.69	3.72
17.45							
PVC Bailer							
2.29							
N							
1600							
1604							
9							
893							
7.22							
Lt. Black							
OIL LIKE							
MED/HVY							

BETX 2-40 ml vials clear glass unfiltered HCl on ice							

SEI							
12/15/93							
H.D.							

Form-1

MW-8A	MW-10	MW-11	MW-11A	MW-11B	MW-11C	MW-12	MW-13
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr		Gndwtr	
12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	Well
LJS/GJM	GJM	KS,LS,GM	KMS	KMS	KS,LS	GJM	has been
TOR	TOR	TOR	TOR	TOR	TOR	TOR	abandoned
10.08	11.10	8.27	8.05	6.63	10.36	12.73	
		13.57	14.55	15.84	12.20	19.96	
		PVC Bailer	PVC Bailer	PVC Bailer		PVC Bailer	
		3.64	4.38	6.2	FUEL OIL	4.90	
		N	N	Y	LIKE	N	
		1147	1045	1021	LIQUID	1427	
		1150	1048	1025		1433	
		11	11	12		11	
		729	1193	460		1335	
		7.02	7.04	7.44		7.15	
		cloudy gray	Lt.Black	Lt. Brown		Lt. Brown	
	OIL	Fuel Like	Slt. Diesel				
		MED-HVY	MED-HVY	Medium		MED-HVY	

		VOC (8021) 2-40 ml vials clear glass unfiltered HCl on ice	VOC (8021) 2-40 ml vials clear glass unfiltered HCl on ice	VOC (8021) 2-40 ml vials clear glass unfiltered HCl on ice		VOC (8021) 2-40 ml vials clear glass unfiltered HCl on ice	

		SEI	SEI	SEI		SEI	
		12/15/93	12/15/93	12/15/93		12/15/93	
		H.D.	H.D.	H.D.		H.D.	

			Duplicate MW – 116				
MW–13A	MW–14	MW–15	MW–16	MW–16A	MW–17	MW–17A	MW–17B
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr		Gndwtr
12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	BENT	12/15/93
LJS/GJM	LJS	GJM	GJM	LJS/GJM	GJM	PIPE	GJM
TOR	TOR	TOR	TOR	TOR	TOR	NO	TOR
11.51	5.98	10.56	5.95	9.48	6.38	LEVEL	10.73
	13.17		13.55	16.62	13.06		
	PVC Bailer		PVC Bailer	PVC Bailer	PVC Bailer		
	4.88		5.15	4.85	4.55		
	Y		Y	Y	Y		
	1053		1052/1052	1118	1300		
	1059		1055/1056	1122	1306		
	11		11/12	12	13		
	840		525/555	840	>2000		
	7.06		7.24/7.30	7.21	6.91		
	Lt. Gray		Lt. Brown	Lt. Brown	Lt. Brown		
			Fuel like	Fuel like			
	LT–MED		LT / LT	Moderate	MED–HVY		

	VOC/CN 2–40ml/1 l glass/plastic Unfilt/Filt HCl/none On Ice		VOC/CN 4–40ml/2 l glass/plastic Unfilt/Filt HCl/none On Ice	VOC/CN 2–40ml/1 l glass/plastic Unfilt/Filt HCl/none On Ice	VOC/CN 2–40ml/1 l glass/plastic Unfilt/Filt HCl/none On Ice		

	SEI		SEI	SEI	SEI		
	12/16/93		12/16/93	12/16/93	12/16/93		
	H.D.		H.D.	H.D.	H.D.		

Duplicate MW-118							
MW-18	MW-18A	MW-18B	MW-18C	MW-18D	MW-19	MW-20	MW-21
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93
LJS	GJM	GJM	LJS	GJM	LJS	GJM	GJM
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
8.97	13.49	11.34	13.36	10.32	6.10	10.66	10.67
13.53	19.93	16.76	16.38	15.57	13.61	13.65	16.04
PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer
3.16	4.39	3.72	2.15	3.61	5.09	2.13	3.69
Y	Y	N	Y	N	N	Y	N
0941/0941	0818	0845	0820	0750	1613	0930	1548
0949/0951	0820	0848	0825	0753	1615	0935	1550
12/12	13	11	9	10	11	13	11
780/775	786	576	910	508	>2000	705	1175
7.06/7.07	7.01	6.95	6.85	7.10	6.84	7.29	7.04
Brown	Med. Brown	Lt. Brown	Med. Brown	Lt.Black	Lt. Brown	Lt.Black	Lt. Brown
	Oil like		Diesel like	Diesel like		Oil like	Fuel like
Moderate	Slight	MED	MED-HVY	MED-HVY	Very Light	MED-HVY	Slight
				Product		Product	

VOC/CN	VOC (8021)	VOC (8021)	VOC/CN	VOC/CN	VOC/CN	VOC/CN	VOC (8021)
4-40ml/2 l	2-40 ml vials	2-40 ml vials	2-40ml/1 l	2-40ml/1 l	2-40ml/1 l	2-40ml/1 l	2-40 ml vials
glass/plastic	glass	glass	glass/plastic	glass/plastic	glass/plastic	glass/plastic	clear glass
Unfilt/Filt	Unfilt	Unfilt	Unfilt/Filt	Unfilt/Filt	Unfilt/Filt	Unfilt/Filt	unfiltered
HCl/none	HCL	HCL	HCl/none	HCl/none	HCl/none	HCl/none	HCl
On Ice	On Ice	On Ice	On Ice	On Ice	On Ice	On Ice	on ice

SEI	SEI	SEI	SEI	SEI	SEI	SEI	SEI
12/16/93	12/16/93	12/16/93	12/16/93	12/16/93	12/16/93	12/16/93	12/16/93
H.D.	H.D.	H.D.	H.D.	H.D.	H.D.	H.D.	H.D.

MW-21A	MW-22	MW-23	MW-24	MW-24A	MW-25	MW-26	MW-27
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/15/93	12/15/93	12/15/93	12/15/93	12/14/93	12/15/93	12/14/93	12/14/93
LJS	LJS/GJM	LJS/GJM	LJS/GJM	KS,LS,GM	LJS	GJM	GJM
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
10.22	6.53	9.91	3.07	7.25	12.99	11.63	12.63
16.15					19.51	17.07	16.45
PVC Bailer					PVC Bailer	PVC Bailer	PVC Bailer
4.05					4.44	3.73	2.67
Y					N	Y	Y
1545					1430	1017	0820
1553					1435	1020	0824
10					13	12	12
1071					916	623	940
7.10					6.83	7.15	7.01
Lt. Brown					Lt. Brown	Lt. Brown	Lt. Brown
					Fuel like		
Moderate					MED	Slight	Slight

VOC (8021)					VOC (8021)	VOC (8021)	VOC (8021)
2-40 ml vials					2-40 ml vials	2-40 ml vials	2-40 ml vials
clear glass					clear glass	clear glass	clear glass
unfiltered					unfiltered	unfiltered	unfiltered
HCl					HCl	HCl	HCl
on ice					on ice	on ice	on ice

SEI					SEI	SEI	SEI
12/16/93					12/16/93	12/15/93	12/15/93
H.D.					H.D.	H.D.	H.D.

	Duplicate MW-127B						
MW-27A	MW-27B	MW-27C	MW-27D	MW-27E	MW-28	MW-29	MW-29A
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93
GJM	KMS	KMS	GJM	KMS	GJM	LJS	KMS
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
11.45	11.56	12.50	15.43	17.23	8.84	10.05	10.72
17.70	16.77	20.10	21.61	22.91	17.85	20.56	22.40
PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer
4.26	3.58	5.15	4.22	3.89	6.06	7.05	7.82
N	Y	Y	Y	Y	Y	Y	N
0955	0835/0835	0912	0940	0941	1040	1452	1506
1003	0840/0843	0915	0944	0945	1043	1459	1510
11	12/12	11	12	12	12	10	12
691	1199/1199	862	1458	651	972	972	689
7.30	7.26/7.23	7.14	6.95	7.20	7.14	7.30	7.36
Lt. Brown	Lt. Brown	Lt.Gray	Med.Brown	Clear	Lt. Brown	Lt. Brown	Med.Brown
MED-HVY	MED	Slight	Heavy			MED	MED/HVY

VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)
2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials
clear glass	clear glass	clear glass	clear glass	clear glass	clear glass	clear glass	clear glass
unfiltered	unfiltered	unfiltered	unfiltered	unfiltered	unfiltered	unfiltered	unfiltered
HCl	HCl	HCl	HCl	HCl	HCl	HCl	HCl
on ice	on ice	on ice	on ice	on ice	on ice	on ice	on ice

SEI	SEI	SEI	SEI	SEI	SEI	SEI	SEI
12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93	12/15/93
H.D.	H.D.	H.D.	H.D.	H.D.	H.D.	H.D.	H.D.

						Duplicate MW-138	
MW-30	MW-31	MW-34R	MW-35B	MW-36A	MW-37	MW-38	MW-40
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/14/93	12/14/93	12/16/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93
GJM	KMS	LJS/GJM	GJM	KMS	GJM	GJM	KMS
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
10.58	13.30	9.44	11.32	13.75	11.32	10.27	10.46
21.77	21.58	11.61	18.07	17.58		17.00	15.96
PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer	Bent Pipe	PVC Bailer	PVC Bailer
7.49	5.59	1.42	4.59	2.68	Bailer	4.58	3.77
Y	N	Y	N	Y	W/Not	N	N
1456	1435	1132	1317	1526	Fit	1345/1345	1317
1500	1437	1136	1325	1533		1353/1355	1320
10	11	11	11	10		11/11	10
1100	1250	1441	701	950		1100/1110	1530
7.14	7.02	6.85	7.10	7.08		7.11/7.07	7.24
Lt. Brown	Lt. Brown	Drk.brown	Lt.Gray	Lt. Brown		Lt. Brown	Lt. Brown
			Fuel like				
Slight	MED	MED/HVY	Light	Light		Light	MED

VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)		VOC (8021)	VOC (8021)
2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials		2-40 ml vials	2-40 ml vials
clear glass	clear glass	clear glass	clear glass	clear glass		clear glass	clear glass
unfiltered	unfiltered	unfiltered	unfiltered	unfiltered		unfiltered	unfiltered
HCl	HCl	HCl	HCl	HCl		HCl	HCl
on ice	on ice	on ice	on ice	on ice		on ice	on ice

SEI	SEI	SEI	SEI	SEI		SEI	SEI
12/15/93	12/15/93	12/16/93	12/15/93	12/15/93		12/15/93	12/15/93
H.D.	H.D.	H.D.	H.D.	H.D.		H.D.	H.D.

MW–41	MW–43	MW–44	MW–45	SUMP 1	SUMP 2	SUMP 3	SUMP 4
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/14/93	12/15/93	12/15/93	12/15/93	12/14/93	12/15/93	12/15/93	12/14/93
KMS	LJS/GJM	GJM	GJM	LJS/GJM	LJS/GJM	LJS/GJM	LJS/GJM
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
10.50	9.96	9.47	11.15	3.65	10.26	22.84	12.88
15.72	16.18	14.29	17.86				
PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer				
3.59	4.24	3.32	4.56				
N	N	Y	N				
1342	1335	1006	1427				
1348	1340	1010	1430				
10	11	10	12				
610	1298	860	1120				
7.43	7.27	6.95	6.70				
Lt. Brown	Lt. Brown	Lt. Brown	Lt. Brown				
			Oil like				
Light	Slight		MED				
			Product				

VOC (8021)	VOC/CN	VOC (8021)	VOC (8021)				
2–40 ml vials	2–40ml/1 l	2–40 ml vials	2–40 ml vials				
clear glass	glass/plastic	clear glass	clear glass				
unfiltered	Unfilt/Filt	unfiltered	unfiltered				
HCl	HCl/none	HCl	HCl				
on ice	On Ice	on ice	on ice				

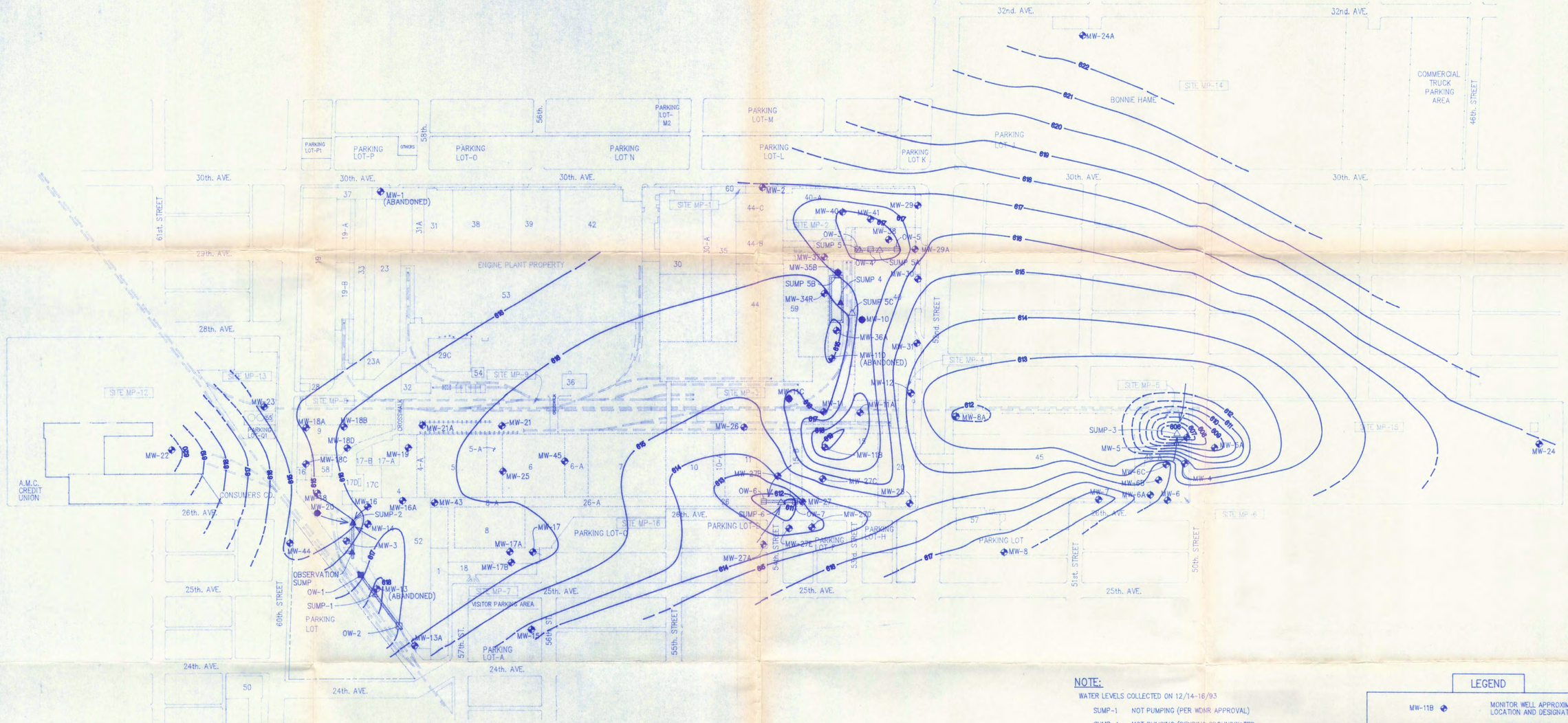
SEI	SEI	SEI	SEI				
12/15/93	12/16/93	12/16/93	12/16/93				
H.D.	H.D.	H.D.	H.D.				

SUMP 5	SUMP 5A	SUMP 5B	SUMP 5C	SUMP 6	OBS. SUMP	OW–1	OW–2
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93	12/14/93
LJS/GJM	LJS/GJM	LJS/GJM	LJS/GJM	GJM	LJS/GJM	LJS/GJM	LJS/GJM
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
9.79	10.15	12.33	12.39	14.60	9.66	4.39	6.29

Form–1

OW-3	OW-4	OW-5	OW-6	OW-7
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
12/14/93	12/14/93	12/14/93	12/14/93	12/14/93
LJS/GJM	LJS/GJM	LJS/GJM	LJS/GJM	LJS/GJM
TOR	TOR	TOR	TOR	TOR
10.24	10.11	9.71	13.82	15.46

Form-1



NOTE:

WATER LEVELS COLLECTED ON 12/14-16/93

SUMP-1 NOT PUMPING (PER WDNR APPROVAL)

SUMP-4 NOT PUMPING (PENDING GROUNDWATER TREATMENT SYSTEM INSTALLATION)

SUMP-5 NOT PUMPING (PENDING GROUNDWATER TREATMENT SYSTEM INSTALLATION)

NORTH

APPROX. SCALE 1" = 200'

LEGEND

MW-11B ◆	MONITOR WELL APPROXIMATE LOCATION AND DESIGNATION
MW-11C ●	INDICATES FREE PRODUCT IN MONITOR WELL
SUMP-3 △	RECOVERY SUMP APPROXIMATE LOCATION AND DESIGNATION
SUMP-2 ▲	INDICATES FREE PRODUCT IN SUMP
OW-2 □	OBSERVATION WELL APPROXIMATE LOCATION AND DESIGNATION
OW-1 ■	INDICATES FREE PRODUCT IN OBSERVATION WELL
	RECOVERY SYSTEM TRENCH
	PROPERTY LINE
	FENCE LINE
12	ACTIVE BUILDING / NUMBER
12	DEMOLISHED BUILDING / NUMBER
623	WATER LEVEL ELEVATION CONTOUR (ft. msl; DASHED WHERE INFERED)
	INFERRED GROUND-WATER FLOW DIRECTION

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.

0 ——— 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DSGN

DR L.J.STANTON

CHK R.J.BINDER

APVD

NO.	DATE	REVISION	BY	APVD

TRIAD ENGINEERING INCORPORATED
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FAX 291-8841

CHRYSLER CORPORATION
KENOSHA MAIN PLANT
WATER TABLE MAP (DECEMBER, 1993)

SHEET NO.

DWG NO. 43163-10

DATE 1/17/94

PROJ NO. W943163.007