230004500
ERR/ERP
KENOSHA CO.

CHRYSLER CORPORATION

Chrysler Corporation

June 1, 1994

Ms. Pamela A. Mylotta, Hydrogeologist
Environmental Repair Program
State of Wisconsin Department of Natural Resources
4041 North Richards Street
Milwaukee, Wisconsin 53212

RE: Groundwater Monitoring Report
March 1994 Quarterly Sampling
Chrysler Corporation Kenosha Main Plant
Kenosha, Wisconsin

Dear Ms. Mylotta:

Attached please find the referenced report which contains results of the latest round of groundwater sampling conducted during March 1994, at the Kenosha Main Plant. Groundwater treatment systems were installed to treat discharge from sumps 4, 5 and 6. The sumps were reactivated during the week of May 2, 1994, and are currently in operation. Well abandonment, replacement and repair/general maintenance was also conducted.

Should you have any questions regarding the attached submittals or other items concerning the Kenosha Main Plant, please contact me at (313)370-8614; FAX (313)370-8631.

Sincerely,

Gregory M. Rose
Environmental and Energy Affairs

Enclosure

FID 230004500
ERR/ERP

GROUNDWATER MONITORING REPORT
MARCH 1994 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. W943163.009

MAY 1994

TRIAD ENGINEERING INCORPORATED

325 East Chicago Street
Milwaukee, Wisconsin 53202
414-291-8840 Fax 414-291-8841

4410 Executive Boulevard
Fort Wayne, Indiana 46808
219-471-3388 Fax 219-471-3565

TRIAD
ENGINEERING
INCORPORATED

May 18, 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

RE: Groundwater Monitoring Report
March 1994 Quarterly Sampling
Chrysler Corporation Kenosha Main Plant
Kenosha, Wisconsin
Triad Engineering Project No. W943163.009

Dear Mr. Rose:

Triad Engineering Incorporated (Triad) is pleased to present this groundwater monitoring report for sampling performed during March 1994 at the Kenosha Main Plant. The work was performed in accordance with the Scope of Work specified in our proposal dated March 22, 1994, and included the following tasks:

- Groundwater Flow Analysis,
- Groundwater Sampling, and
- Summary Tables.

Additional work performed during this period included on-site and off-site groundwater monitoring well abandonment, replacement and repair/general maintenance. The work is further discussed in the following sections.

Groundwater Flow Analysis

Groundwater surface elevation measurements were obtained during groundwater sampling activities conducted between March 22-24, 1994. The measurements obtained were plotted and contoured to assess apparent groundwater flow directions across the site. This information is provided in Attachment A and is summarized below.

As shown in Drawing 1, groundwater at the site 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) has determined that recovery of groundwater at this location is no longer required. Sumps 4 and 6 were not operating at the time the water level measurements were obtained (pending installation of groundwater treatment systems). Sumps 4 and 6 were activated during the week of May 2, 1994, and are currently in operation.

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Groundwater Sampling

Groundwater samples were collected from accessible site monitoring wells between March 22-24, 1994, and MW-5R (April 27, 1994) 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.

Sampling protocols utilized by Triad followed the WDNR's February 1987 Groundwater Sampling Guidelines. Samples were submitted to Swanson Environmental, Inc. (Swanson) of Brookfield, Wisconsin. Swanson is a state-certified laboratory.

Summary Tables

Groundwater quality results (including quality assurance duplicate samples) are provided in Tables 2 through 9. To enhance data presentation, the data tables only include detected constituents. 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.

Four (4) quality control samples (trip blanks) were also analyzed for volatile organic compounds (VOCs) as part of the groundwater monitoring program. No elevated concentrations were noted in the trip blanks.

Laboratory analytical reports and water sampling field data summary forms are contained in Attachment B. Chain-of-custody forms are also provided.

On-Site Monitoring Well Abandonment, Replacement and Repair/General Maintenance

During April and May 1994, monitoring well abandonment, replacement and repair/general maintenance was implemented at the Kenosha Main Plant property. This activity included the following:

- MW-5 Replacement

  Approximately 8 feet of silt was measured in MW-5 during the March groundwater sampling event. The silt apparently accumulated as a result of operation of the vacuum-enhanced groundwater recovery system at the location. As such, the well could no longer be utilized to obtain groundwater samples.

  Well MW-5 was replaced on April 19, 1994. This was accomplished by overdrilling the original well material screen and casing by 1.5 times the original diameter of the well (12-inches) in an effort to completely remove the existing well material, screen and casing. The drilling also severed the vacuum connection to the well, which was located at a depth of approximately 4 feet.

Replacement well MW-5R was constructed in the resulting boring in accordance with requirements of Chapter NR 141, Wisconsin Administrative Code (NR 141). The well was constructed of nominal 2-inch polyvinyl chloride (PVC) risers and screen (0.010-inch slot). The filter pack material consists of fine silica sand (#4030). The finer sand was selected in an effort to reduce siltation should operation of the SVE system be reinstated. The well was properly developed and surveyed as required in NR 141. The completed boring log, well construction documentation, and well development information are contained in Attachment C.

- MW-3 Abandonment

Monitoring well MW-3 was abandoned on April 22, 1994, due to damage which occurred during demolition of the former coal bin. The well was not replaced as it was located immediately adjacent to the Sump 2 groundwater recovery system, and is no longer needed for water quality and hydraulic monitoring. The well casing and screen were pulled from the well with subsequent overdrilling (1.5 times the original well diameter; 12 inches). The boring was backfilled with hydrated chipped bentonite to 0.5 feet below the ground surface, and then covered with soil to the ground surface in accordance with NR 141 requirements. Well abandonment information is contained in Appendix C.

- MW-27D Repair

The top portion of the well casing (stickup) at MW-27D was detached from the remainder of the well. On April 27, 1994, a 2-inch PVC coupling was used to connect the loose casing to the lower portion of the well. The well was then resurveyed. An updated well construction summary is contained in Appendix C.

- MW-18D Repair

On April 22, 1994, a slightly bent (well casing "stickup") was repaired. It is now possible to sample with a 2-inch diameter bailer rather than a shorter 1-inch diameter bailer, greatly reducing the time needed to accomplish sample collection. The well was also resurveyed. An updated well construction summary is contained in Appendix C.

- MW-11C Abandonment and Replacement

Monitoring well MW-11C was irreparably damaged during snow plowing of the semi-truck trailer parking area. The well was abandoned on May 3, 1994, by overdrilling 1.5 times the outer diameter of the well to 12-inches. The boring was abandoned by backfilling with hydrated

chipped bentonite to 0.5 feet below ground surface, and then with clean soil to the ground surface per NR 141 requirements.

A boring for the replacement well (MW-11CB) was advanced approximately 5 feet southwest of the original well location to a depth of 9 feet (until a 48-inch diameter storm sewer was encountered). Drilling was immediately stopped and the augers were withdrawn from the boring. A hole in the top of the storm sewer was repaired by securing a steel plate inside the hole in the storm sewer and sealing the top with an approximate 3 foot concrete plug. The remainder of the boring was backfilled with hydrated chipped bentonite to 0.5 feet below the ground surface, and then covered with soil to the ground surface.

A second (alternate) site for the replacement monitoring well (MW-11CR), was selected 35 feet east of the former well location. Well MW-11CR, which has a total depth of 15 feet, is completed with a flush-mounted cover. Three bumper posts have also been installed around the well to help prevent recurrence of damage from heavy equipment operation. The well was subsequently surveyed. Completed boring logs, abandonment forms, and well construction documentation information is contained in Attachment C. The well will be developed prior to the June quarterly sampling event.

- General Maintenance

  Flush mount protective well covers were replaced at monitoring wells MW-2, MW-5, MW-5A, MW-17, MW-18, MW-20, MW-23 and MW-34R. This work was performed to replace badly corroded or damaged well covers to minimize the potential for surface infiltration, and to enhance well security. Riser caps and locks were also replaced as required. Orange paint was applied to the protective casings of monitoring wells MW-18C and MW-18D to increase visibility of these wells. In addition, wells MW-18C, MW-27B, MW-27C and MW-27E were resurveyed. MW-37, which is bent and could not be sampled, will be repaired prior to the June, 1994, sampling event. Completed well construction documentation is contained in Appendix C.

<u>Off-Site Monitoring Well Abandonment/Maintenance</u>

- MW-17A Repair

  The protective casing for MW-17A was bent to an approximately 45° angle during snow plowing activities. In order to repair the well, the protective and PVC casings were cutoff at the surface and replaced. The well was repaired and three bumper posts were installed around the well to prevent future damage from heavy machinery operation. The repair

was performed on April 22, 1994. The well was also resurveyed. An updated well construction summary is contained in Appendix C.

- MW-15, MW-24A Abandonment

  As per a previous discussion with Pam Mylotta of the WDNR, two monitoring wells, MW-24A located at Site MP-14 (Bonnie Hame property) and MW-15 located at Site MP-7 (currently owned by Mike Owens) were abandoned, after obtaining permission from the property owners. This work was conducted on May 6, 1994.

  The decision to abandon these wells was based on several factors. Analytical results for soils and groundwater samples collected from these locations during the previous investigations indicated soil and groundwater in this area of the site is not impacted. In addition, these wells were no longer required for hydraulic control and additional sampling not required for site closure.

  Monitoring well MW-24A was abandoned by removing the protective top, casing and screen from the well, and overdrilling the boring (1.5 times the diameter of the original boring; 12-inches). The resulting boring was backfilled with hydrated chipped bentonite to 0.5 feet below the ground surface, and then filled with clean soil to the ground surface.

  Monitoring well MW-15 was abandoned by overdrilling (1.5 times the original diameter of the well). The entire well, including casing and screen, was drilled out through the overdrilling process. The resulting boring was backfilled with hydrated chipped bentonite to 0.5 feet below the ground surface, and then filled with clean soil to the ground surface.

- General Maintenance

  Flush mount protective covers were replaced at monitoring wells MW-4, MW-5A, MW-6 and MW-7 as the previous covers were badly corroded or damaged. The new well covers were installed to minimize the potential for surface infiltration and to enhance well security. Riser caps and locks were also replaced as required.

Soil cuttings generated during well abandonment/replacement were placed in 55-gallon Department of Transportation-approved drums. Disposal of these soils is described in a May 17, 1994 letter to Mr. John P. Bugno.

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, for
Valerie A. Jansen
Project Hydrogeologist

RJB:klb
W943163\943163.009\943163-C

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

TABLES

TABLE 1
MARCH 1994 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			Not sampled - inaccessible due to large snow bank coverage.
MW-35B				Water/product level only.
MW-36A	X			
MW-37				Water level only. Not sampled due to bent riser pipe to be repaired.
MW-38	X			
MW-40	X			
MW-41	X			
Sump-4				Water/product level only. Sump discharge sampled bi-monthly for VOCs.
Sump-5				Water/product level only, sump discharge sampled bi-monthly for VOCs.
Sump-5A				Water/product level only.
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			
MW-11B	X			
MW-11C				Damaged. Abandoned 5/3/94, replaced with MW-11CR 5/6/94 not sampled.
MW-11D				Well abandoned.
North Area/Site MP-4				
MW-12	X			
North Area/Site MP-5				
MW-5		X		Replaced with MW-5R 4/19/94, sampled 4/27/94,
Sump-3				Water level only. Sump discharge sampled bi-monthly for BETX and GRO.

VOCs = Volatile organic compounds
BTEX = Benzene, toluene, ethylbenzene, and xylenes.
GRO = Gasoline range organics.
DRO = Diesel range organics.
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 1
MARCH 1994 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				Well abandoned 5/6/94.
MW-16	X		X	
MW-16A	X		X	
MW-17	X		X	
MW-43	X		X	
OW-1				Observation well, water/product level only.
OW-2				Observation well, water/product only.
Sump-1				Water/product level only.
South Area/Site MP-8				
MW-3				Abandoned 5/6/94.
MW-18	X		X	
MW-18A	X			
MW-18B	X			
MW-18C	X		X	
MW-18D	X		X	
MW-19	X		X	
MW-20	X		X	
MW-44	X			Also sampled for DRO; WDNR Modified Method.
Sump-2				Water/product level only. Sump discharge sampled bi-monthly for BTEX and GRO.
Obsrv. Sump				Water/product level only.

VOCs = Volatile organic compounds
BTEX = Benzene, toluene, ethylbenzene, and xylenes.
GRO = Gasoline range organics.
DRO = Diesel range organics.
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 1
MARCH 1994 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				Abandoned 5/6/94.
North Area/Site MP-15 (North Receiving Lot)				
MW-5A				Water level only. Well to be abandoned per WDNR verbal approval.
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			
MW-27C	X			
MW-27D	X			
MW-27E	X			
MW-28	X			
MW-45	X			
Sump 6				Water level only. Sump discharge sampled bi-monthly for VOCs.
OW-5				Water level only.
OW-6				Water level only.
OW-7				Water level only.
Engine Plant Property				
MW-1				Well abandoned.

VOCs = Volatile organic compounds
BTEX = Benzene, toluene, ethylbenzene, and xylenes.
GRO = Gasoline range organics.
DRO = Diesel range organics.
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 1
MARCH 1994 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				Abandoned 5/6/94.
North Area/Site MP-15 (North Receiving Lot)				
MW-5A				Water level only. Well to be abandoned per WDNR verbal approval.
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			
MW-27C	X			
MW-27D	X			
MW-27E	X			
MW-28	X			
MW-45	X			
Sump 6				Water level only. Sump discharge sampled bi-monthly for VOCs.
OW-5				Water level only.
OW-6				Water level only.
OW-7				Water level only.
Engine Plant Property				
MW-1				Well abandoned.

VOCs = Volatile organic compounds
BTEX = Benzene, toluene, ethylbenzene, and xylenes.
GRO = Gasoline range organics.
DRO = Diesel range organics.
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 1
MARCH 1994 QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS
QUALITY CONTROL SPECIFICATIONS
CHRYSLER CORPORATION KENOSHA MAIN PLANT
KENOSHA, WISCONSIN (continued)

Quality Control	VOCs (8021)[1]	BTEX (8020)[1]	Cyanide (335.2)[1]	Comments:
Trip Blanks	4			Trip blank to accompany each sample shipment to laboratory.
Duplicates	4		2	As specified.One duplicate per 10 wells sampled.
Quality Control Total	8		2	

VOCs = Volatile organic compounds.
BTEX = Benzene, toluene, ethylbenzene, and xylenes.
GRO = Gasoline range organics.
DRO = Diesel range organics.
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 6
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-7

PARAMETER	MW-14	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-16	MW-216[1]	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	03/24/94	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	03/24/94	03/24/94	12/15/92	03/25/93 03/26/93	06/17/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1306	B2147/ B2084	B3092	B4440	A2593	A3424	B1306	B2147/ B2084	B2147/ B2084	B3092	B3092	B4440	B4440	A2593	A2593	A3424	A3424	B1306	B2187/ B2084	B3092		
INORGANICS																						
CYANIDE	< 10	< 10	< 10	< 10	N/A	< 3.5	500	440	< 10	310	260	170	150	510	260	247	310	20	< 10	70	200	40
VOLATILE ORGANIC COMPOUNDS																						
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	0.8	< 0.6	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	5	0.067
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	0.6	< 0.5	< 0.5	< 1.1	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 1.1	< 1.1	< 0.5	*	*
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	*	*
CHLORODIBROMOMETHANE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 0.5	< 0.5	4.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	215	43
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	2.1	1.8	4.2	5.0	< 0.5	4.0	2.7	< 0.5	32	35	< 1.0	< 1.0	< 0.5	400	80
1,1-DICHLOROETHANE	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1.0	1.4	2.5	2.2	1.3	1.6	1.2	2.3	2.0	2.0	< 0.6	< 0.6	< 0.6	850	85
CIS-1,2-DICHLOROETHENE	< 1.0	< 1.0	< 0.6	1.9	< 0.6	< 0.6	< 1.0	< 1.0	< 1.0	<0.6	<0.6	1.9	1.8	< 0.6	2.7	< 0.6	< 0.6	< 1.0	< 1.0	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 1.2	< 0.7	<0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	0.7	0.8	< 0.5	<0.5	< 0.5	< 0.5	< 2.0	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	< 2.1	7.5	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.1	< 2.0	<2.0	< 2.0	< 2.0	< 2.0	3.0*	2.9	4.0	< 2.1	< 2.1	< 2.0	150	15
TOLUENE	< 0.7	0.9	< 0.5	< 0.5	< 0.5	< 1.0	< 0.7	1.0	0.8	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	1.5	< 1.0	< 1.0	< 0.7	< 0.7	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	2.1	2.6	5.0	4.2	0.6	0.8	< 0.5	2.0	2.0	2.0	< 0.6	< 0.6	< 0.5	200	40
TRICHLOROETHENE	< 0.6	< 0.6	< 0.5	1.2	< 0.5	< 0.5	< 0.6	1.0	1.0	1.7	1.5	1.2	1.0	< 0.5	2.4	1.3	1.3	< 0.6	< 0.6	< 0.5	5	0.18
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	620 (TOTAL)	124 (TOTAL)

Note: All values in $\mu g/l$ (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 #268181760

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

PARAMETER	MW-16A	MW-16A	MW-16A	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-43	MW-43	MW-43	MW-43	MW-43	MW-43	NR 140**	
DATE	09/23/93	12/15/93	03/24/94	12/22/92	03/24/93	06/16/93	09/23/93	12/15/93	03/23/94	03/23/94	12/22/92	03/24/93 03/26/93	06/16/93	09/23/93	12/15/93	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B4440	A2590	A3424	B1326/ B1332	B2102	B5972	B4440	A2590	A3416	A3416	B1332/ B1326	B2102/ B2084	B5972	B4440	A2593	A3416		
INORGANICS																		
CYANIDE	10	N/A	50	< 10	N/A	< 10	< 10	N/A	< 3.5	< 3.5	< 10	70	< 10	140	250	106	200	40
VOLATILE ORGANIC COMPOUNDS																		
BENZENE	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.6	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8	0.8	6	.6
1,1-DICHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.8	0.9	< 0.6	1.6	3.1	1.3	850	85
CIS-1,2-DICHLOROETHENE	< 0.5	< 0.6	< 0.6	< 1.5	8.4	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	8.2	8.1	1.9	10	27	2.9	100	10
TRANS-1,2-DICHLOROETHENE	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	13	12	1.6	6.9	22	1.3	100	20
ISOPROPYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.0	< 2.0	< 2.0	< 2.1	2.6	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	150	15
TOLUENE	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.7	< 0.7	< 0.5	< 0.5	0.7	< 1.0	343	68.6
1,1,1-TRICHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.8	3.5***	< 0.5	0.6	< 0.5	< 0.5	< 0.5	21	17	5.5	7.0	10	2.5	5	0.18
O-XYLENE	< 0.5	< 0.5	< 0.5	1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 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
*** 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[1]	MW-18	MW-81[1]	MW-18	MW-81[1]	MW-18	MW-118[1]	MW-18	MW-218[1]	MW-18A	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	03/24/94	03/24/94	12/22/92	03/24/93	06/16/93	09/21/93	12/15/93	03/24/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332/ B1326	B2102/ B2084	B2102 B2084	B5972	B5972	B4440	B4440	A2593	A2593	A3432	A3432	B1332	B2102	B5972	B4322	A2593	A3424		
INORGANICS																			
CYANIDE	< 10	< 10	210	< 10	< 10	< 10	< 10	N/A	N/A	< 3.5	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	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	< 25	< 25	< 0.6	< 0.6	< 0.5	< 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	< 25	< 25	2.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	1.1	< 1.0	< 1.1	< 25	< 25	< 0.5	1.9	2.5	2.4	< 25	< 25	< 1.0	< 1.0	< 0.5	< 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	< 30	< 30	< 0.8	< 0.8	< 0.6	< 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	< 25	< 25	< 0.9	< 0.9	< 0.5	< 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	< 25	< 25	< 1.3	< 1.3	< 0.5	< 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	1,060	1,060	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	690	90	520	140	160	300	230	160	200	74.3	78	< 1.2	< 1.2	< 0.7	< 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	< 25	< 25	< 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	< 25	< 25	7.6	< 0.5	< 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	< 25	< 25	1.7	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	*	*
P-ISOPROPYLTOLUENE	< 0.7	< 0.7	< 0.6	< 25	< 25	< 0.5	1.0	< 0.5	< 0.5	< 25	< 25	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	6.1	< 0.7	<100	< 100	< 2.0	< 2.0	< 2.0	< 2.0	< 100	< 100	< 2.1	< 2.1	< 2.0	< 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	< 35	< 35	< 1.5	< 1.5	< 0.7	< 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	< 30	< 30	2.3	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	*	*
TOLUENE	1.5	< 0.7	< 0.9	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 25	2.1	< 0.7	< 0.5	< 0.5	1.8	< 1.0	343	68.6
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	*	*
1,1,2-TRICHLOROETHANE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	1.9	< 0.5	*	*
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	2.2	< 0.5	*	*
1,1,1-TRICHLOROETHANE	8.3	< 0.8	< 0.7	< 25	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 25	< 25	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	1600	1600	< 0.8	1200	1300	3,000	2,300	1,900	2,000	615	664	< 0.8	< 0.8	< 0.5	< 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	< 25	< 25	4.4	< 1.0	< 0.9	< 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	< 25	< 25	2.1	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	*	*
VINYL CHLORIDE	2100	440	< 0.8	970	1200	270	< 0.5	210	< 0.5	363	371	< 0.7	< 0.7	< 0.5	< 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	2.8	< 25	< 25	1.5	< 1.0	< 0.5	< 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	< 25	< 25	9.9	< 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
N/A Not Analyzed
[1] 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-18B	MW-18C	MW-18C	MW-18C	MW-18C	MW-18C	MW-18C	MW-18D	MW-18D (MW-18DD)	MW-18D	MW-18D	MW-18D	MW-18D	NR 140**	
DATE	12/22/92	03/24/93	06/16/93	09/21/93	12/15/93	03/24/94	12/22/92	03/26/93	06/16/93	09/21/93	12/15/93	03/24/94	12/22/92	03/24/93 03/25/93	06/16/93	09/23/93	12/15/93	03/24/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	81332	82102	B5972	B4322	A2593	A3424	81332/ B1326	B2084	B5972	B4322	A2593	A3424	B1332/ B1326	B2102 B2147	85972	B4440	A2593	A3424		
INORGANICS																				
CYANIDE	N/A	N/A	N/A	N/A	N/A	N/A	< 10	< 10	< 10	< 10	N/A	< 3.5	< 10	< 10	< 10	< 10	N/A	< 3.5	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	N/A	N/A	N/A	•	•
VOLATILE ORGANIC COMPOUNDS																				
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 15	< 12	0.7	1.5	< 12.5	< 0.6	< 0.6	< 2.0	< 0.5	1.3	< 12.5	5	0.067
BROMOBENZENE	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 1.2	< 30	< 12	< 0.5	< 0.5	< 12.5	< 1.2	< 1.2	< 2.0	4.5	< 0.5	< 12.5	•	•
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 1.1	< 27	< 13	2.3	< 0.5	< 12.5	2.0	< 0.6	< 2.0	2.5	40	< 12.5	•	•
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.8	< 0.7	< 17	< 20	< 0.8	< 0.8	< 20	< 0.7	< 0.7	< 4.0	3.7	< 0.8	62	•	•
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	2.4	< 25	< 13	1.7	3.5	< 12.5	< 1.0	9.8	< 2.0	< 0.5	< 0.5	< 12.5	400	80
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.6	190	99	58	170	90	78	< 0.8	< 1.0	< 3.0	< 0.6	2.7	< 15	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 22	< 13	< 0.5	< 0.5	< 12.5	< 0.9	< 0.8	< 2.0	< 0.5	< 0.5	< 12.5	5	0.05
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	9.6	< 32	< 13	7.9	7.8	< 12.5	< 1.3	< 0.9	< 2.0	< 0.5	< 0.5	< 12.5	7	0.024
CIS-1,2-DICHLOROETHENE	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	960	860	450	1,600	1,400	625	< 1.5	< 1.3	< 3.0	7.6	8.8	< 15	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	93	57	20	81	39	28	< 1.2	2.9	< 4.0	1.0	2.4	< 17.5	100	20
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.5	< 13	< 13	< 0.5	2.4	< 12.5	< 0.5	< 1.2	< 2.0	< 0.5	< 0.5	< 12.5	•	•
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	14	< 13	< 0.5	< 0.5	< 12.5	< 0.5	< 0.5	< 2.0	0.6	6.3	< 12.5	1360	272
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 15	< 13	< 0.5	< 0.5	< 12.5	< 0.6	1.4	3.0	< 0.5	8.3	< 12.5	•	•
P-ISOPROPYLTOLUENE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 17	< 13	< 0.5	< 0.5	< 12.5	2.2	< 0.7	4.0	2.7	< 0.5	51	•	•
METHYLENE CHLORIDE	< 2.1	< 2.1	5.4	< 2.0	19*	< 2.0	< 2.1	92	< 50	< 2.0	< 2.0	< 50	< 2.1	< 2.1	< 10	< 2.0	< 2.0	< 50	150	15
NAPHTHALENE	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 1.5	190	28	2.8	< 0.7	< 17.5	< 1.5	< 1.5	47	< 0.7	3.0	409	40	8
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.9	< 22	< 15	< 0.6	< 0.6	< 15	3.2	< 0.9	13	< 0.6	40	< 15	•	•
TOLUENE	1.9	< 0.7	< 0.5	< 0.5	< 0.5	< 1.0	< 0.7	< 18	< 13	< 0.5	< 0.5	< 12.5	1.5	< 0.7	< 2.0	< 0.5	2.5	< 25	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	0.8	< 0.5	< 0.5	< 0.8	< 20	< 13	0.8	< 0.5	< 12.5	< 0.8	< 0.8	< 2.0	< 0.5	1.9	< 12.5	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	1100	490	350	< 0.5	140	345	< 0.8	< 0.8	<2.0	12	2.7	< 12.5	5	0.18
1,2,4-TRIMETHYLBENZENE	< 1.0	< 1.0	< 0.9	< 0.9	< 0.9	< 0.5	< 1.0	< 25	< 23	< 0.9	< 0.9	< 22.5	9.2	< 1.0	<5.0	4.4	< 0.9	< 12.5	•	•
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	25	< 13	< 0.5	< 0.5	< 12.5	2.7	< 0.8	<2.0	< 0.5	< 0.5	< 12.5	•	•
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	64	60	43	< 0.5	20	86	< 0.7	< 0.7	<2.0	< 0.5	< 0.5	< 12.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 25	< 13	< 0.5	< 0.5	< 12.5	2.5	< 1.0	8.0	2.4	10	< 12.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 25	< 13	< 0.5	< 0.5	< 12.5	1.5	< 1.0	< 2.0	< 0.5	< 0.5	< 12.5	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-19	MW-20	MW-20	MW-20	MW-20	MW-20	MW-20	MW-44	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	03/23/94	12/22/92	03/24/93 03/26/93	06/16/93	09/23/93	12/15/93	03/24/94	06/09/93	09/24/93	12/15/93	03/24/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332/ B1326	B2102/ B2804	B5972	B4440	A2593	A3416	B1332/ B1336	B2102/ B2084	B5972	B4440	A2593	A3424	B2876	B4440	A2593	A3424		
INORGANICS																		
CYANIDE	< 10	< 10	< 10	< 10	N/A	< 3.5	< 10	10.0	20	40	N/A	12	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	< 50	< 50	N/A	< 0.05	•	•
VOLATILE ORGANIC COMPOUNDS																		
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 6.0	< 0.6	< 12	< 5.0	< 25	< 12.5	< 0.5	0.9	0.8	< 0.5	5	0.067
N-BUTYLBENZENE	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 11	< 1.1	64	40	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
SEC-BUTYLBENZENE	< 1.1	< 1.1	< 0.8	< 0.8	< 0.8	< 0.8	< 7.0	< 0.7	< 20	8.2	< 40	< 20	< 0.8	< 0.8	< 0.8	< 0.8	•	•
CHLOROETHANE	< 0.7	< 0.7	1.3	< 0.5	< 0.5	0.8	53	21	23	15	< 25	< 12.5	< 0.5	< 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	< 0.5	50	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROETHANE	6.6	7.9	3.7	< 0.6	5.4	3.1	98	42	48	10	90	52	< 0.6	< 0.6	< 0.6	< 0.6	850	85
1,2-DICHLOROETHANE	14	6.5	< 0.5	< 0.5	< 0.5	< 0.5	< 9	< 0.9	< 13	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.05
1,1-DICHLOROETHENE	14	< 0.9	< 0.5	< 0.5	< 0.6	< 0.5	< 13	< 1.3	< 13	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	< 1.3	< 1.3	2.9	11	< 0.6	5.7	410	430	620	90	380	802	1.4	1.9	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	8.6	5.6	< 0.7	0.9	9.6	1.2	24	< 1.2	< 18	< 7.0	120	< 17.5	< 0.7	< 0.7	< 0.7	< 0.7	100	20
1,1-DICHLOROPROPENE	1.5	< 1.2	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 13	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 13	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	1360	272
ISOPROPYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 6	< 0.6	14	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
P-ISOPROPYLTOLUENE	< 0.6	< 0.6	< 0.5	0.5	< 0.5	< 0.5	< 7	< 0.7	15	7.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 0.7	< 0.7	< 2.0	2.2*	< 2.0	< 2.0	< 21	< 2.1	< 50	< 20	260*	< 50	< 2.0	3.0*	< 2.0	< 2.0	150	15
NAPHTHALENE	< 2.1	< 2.1	< 0.7	< 0.7	< 0.7	< 0.7	< 15	< 1.5	< 18	< 7.0	< 35	293	< 0.7	< 0.7	< 0.7	< 0.7	40	8
N-PROPYLBENZENE	< 1.5	< 1.5	< 0.6	< 0.6	< 0.6	< 0.6	< 9	< 0.9	< 15	< 6.0	< 30	< 15	< 0.6	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 9.0	< 0.9	< 12	13	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	1	0.1
TOLUENE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 1.0	< 7	< 0.7	< 13	< 5.0	70	< 25	1.3	< 0.5	< 0.5	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	0.7	< 0.5	0.8	< 8	2.1	< 13	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	46	27	31	41	50	29.1	53	58	34	7.0	210	34	< 0.5	< 0.5	< 0.5	< 0.5	5	0.18
TRICHLOROFLUOROMETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 8.0	< 0.8	< 12	8.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	3490	698
1,2,4-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.9	0.9	< 0.9	< 0.5	< 10	< 1.0	< 23	< 9.0	< 45	120	< 0.9	< 0.9	< 0.9	< 0.9	•	•
1,3,5-TRIMETHYLBENZENE	4.1	4.1	< 0.5	< 0.5	< 0.5	< 0.5	< 8	< 0.8	< 13	< 5.0	73	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
VINYL CHLORIDE	< 1.0	< 1.0	0.6	1.6	< 0.5	< 0.5	56	11	< 13	< 5.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 1.0	< 13	9.0	< 25	< 12.5	< 0.5	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	7.4	< 0.5	< 0.5	< 10	< 1.0	< 13	< 5.0	< 25	< 12.5	< 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
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-21	MW-21A	MW-21A	MW-21A	MW-21A	MW-21A	MW-21A	NR 140**	
OATE	12/23/92	03/26/93	06/17/93	09/22/93	12/15/93	03/23/94	12/23/92	03/26/93	06/17/93	09/22/93	12/15/93	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2084	B3092	B4226	A2593	A3416	B1332	B2084	B3092	B4226	A2593	A3416		
VOLATILE ORGANIC COMPOUNDS														
BENZENE	3.4	1.4	4.6	0.7	4.8	2.8	< 0.6	< 3	< 1.0	< 0.5	4.9	< 0.5	5	0.067
N-BUTYLBENZENE	6.8	< 1.1	< 0.5	< 0.5	4.9	< 0.5	6.8	< 6	< 1.0	< 0.5	< 0.5	< 0.5	*	*
TERT-BUTYLBENZENE	< 1.5	1.6	1.2	< 0.5	< 0.5	< 0.5	< 1.5	< 7	< 1.0	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	< 1.0	< 1.0	< 0.5	0.5	< 0.5	< 0.5	44	28	17	10	8.7	1.3	400	80
CIS-1,2-DICHLOROETHENE	< 1.5	1.7	1.1	2.1	< 0.6	2.3	280	120	75	150	240	54.3A	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	10	< 0.7	7.4	< 6	1.7	3.0	19	1.6	100	20
ETHYLBENZENE	1.7	1.0	< 0.5	< 0.5	2.9	2.5	< 0.5	< 3	< 1.0	< 0.5	5.0	< 0.5	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	< 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	< 0.5	< 0.5	*	*
NAPHTALENE	< 0.7	< 0.7	< 0.7	< 0.7	1.1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	9.0	< 0.7	40	8
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	1.0	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
TRICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	3.1	1.0	< 0.5	< 0.5	< 0.5	< 0.5	10	< 0.5	5	0.18
ISOPROPYLBENZENE	< 0.6	5.6	10	7.8	5.9	2.8	< 0.6	< 3	< 1.0	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	< 2.1	<2.0	< 2.0	< 2.0	< 2.0	< 2.1	11	< 4.0	< 2.0	< 2.0	< 2.0	150	15
N-PROPYLBENZENE	12	< 0.9	1.5	2.9	4.1	< 0.6	< 0.9	< 5	< 1.2	< 0.6	< 0.6	< 0.6	*	*
STYRENE	< 1.0	1.5	0.6	< 0.6	< 0.6	< 0.6	< 1.0	< 5	< 1.2	< 0.6	< 0.6	< 0.6	*	*
TOLUENE	< 0.7	0.8	2.2	1.0	1.7	< 1.0	1.7	< 4	< 1.0	< 0.5	1.5	< 0.5	343	68.6
1,1-DICHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.4	< 0.5	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	< 0.5	2.0	0.8	200	40
1,2,4-TRIMETHYLBENZENE	35	< 1.0	<0.9	< 0.9	< 0.9	< 0.5	< 1.0	< 5	< 1.8	< 0.9	5.4	< 0.5	*	*
1,3,5-TRIMETHYLBENZENE	8.9	1.0	<0.5	< 0.5	2.1	< 0.5	< 0.8	4.1	< 1.0	< 0.5	3.5	< 0.5	*	*
VINYL CHLORIDE	< 0.7	< 0.7	1.5	1.4	< 0.5	1.5	88	22	11	30	< 0.5	9.4	0.2	0.0015
O-XYLENE	2.0	< 1.0	0.9	< 0.5	2.7	< 0.5	< 1.0	< 5	< 1.0	< 0.5	60	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	1.4	< 1.0	1.8	0.6	< 0.5	< 0.5	< 1.0	< 5	< 1.0	< 0.5	6.6	< 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
A elevated detection limits due to high analyte concentration; a 5X dilution necessary.

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-27A	MW-27B	MW-27B	MW-27B[1]	MW-27B	MW-72[1]	MW-27B	MW-27B	MW-127B	MW-27B	MW-227B[1]	NR 140**	
DATE	12/22/92	03/24/93	06/15/93	09/22/93	12/14/93	03/22/94	12/22/92	03/24/93	03/24/93	06/15/93	06/15/93	09/22/93	12/14/93	12/14/93	03/22/94	03/22/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B3002	B4226	A2594	A3270	B1332	B2102	B2102	B3002	B3002	B4226	A2594	A2594	A3270	A3270		
VOLATILE ORGANIC COMPOUNDS																		
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	5	0.067
BROMOFORM	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.4	0.44
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.8	< 1.1	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.8	*	*
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.5	< 0.7	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	*	*
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
CARBON TETRACHLORIDE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.6	< 0.6	5	0.5
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.6	< 0.8	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.6	7	0.024
CIS-1,2-DICHLOROETHENE	2.3	4.5	1.7	1.9	2.1	1.8	< 1.5	< 1.0	< 1.0	< 0.6	< 0.6	< 0.6	3.0	< 0.7	< 0.7	< 0.7	100	10
TRANS-1,2-DICHLOROETHENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.7	1.0	< 1.2	< 1.2	< 1.2	< 0.7	0.8	< 0.7	2.6	< 0.5	< 0.5	< 0.5	100	20
1,3-DICHLOROPROPANE	< 0.5	< 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	< 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	< 0.6	< 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	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	1.0	< 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	*	*
ISOPROPYLBENZENE	< 2.1	< 2.1	< 2.0	< 2.0	< 0.5	< 0.5	< 0.6	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 1.5	< 1.5	< 0.7	< 0.7	< 2.0	3.0*	< 2.1	< 2.1	< 2.1	3.7	< 2.0	< 2.0	12*	14*	< 2.0	< 2.0	150	15
NAPHTHALENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.7	< 0.7	< 1.5	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 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	*	*
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	*	*
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	*	*
TETRACHLOROETHENE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	1.0	< 0.5	< 0.5	< 0.5	1	0.1
TOLUENE	1.4	< 0.7	1.2	< 0.5	< 0.5	< 0.5	1.3	< 0.7	< 0.7	1.3	1.2	< 0.5	1.7	1.7	< 0.5	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	1.9	1.1	< 0.5	< 0.5	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	2.6	< 0.5	< 0.5	75	65	58	28	40	20	16	17	17.4	21.2	5	0.18
VINYL CHLORIDE	8.0	18	7.1	< 0.5	5.6	6.2	< 0.7	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 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 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-27C	MW-27C	MW-27C	MW-27C	MW-27C	MW-27C	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27E	MW-27E	MW-27E	MW-27E	MW-27E	MW-27E	NR 140**	
DATE	12/21/92	03/24/93	06/15/93	09/22/93	12/14/93	03/22/94	12/21/92	03/24/93	06/15/93	09/22/93	12/14/93	03/22/94	12/22/92	03/24/93	06/15/93	09/22/93	12/14/93	03/22/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B3002	B4226	A2594	A3270	B1332	B2102	B3002	B4226	A2594	A3270	B1332	B2102	B3002	B4226	A2594	A3270		
VOLATILE ORGANIC COMPOUNDS																				
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 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	< 0.5	< 2.1	< 2.1	< 0.5	< 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	< 0.8	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.8	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.8	*	*
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.5	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.5	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.5	*	*
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 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	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.6	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHANE	< 0.8	< 0.8	0.8	< 0.6	< 0.6	< 0.6	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.6	< 0.8	< 0.8	< 0.6	< 0.6	2.0	< 0.6	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	0.9	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	1.1	0.9	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	9.3	7.4	< 0.6	1.3	0.6	1.4	830	240	550	480	940	432[A]	100	10
CHLOROETHANE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 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	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	5.7	1.5	< 0.7	< 0.7	< 0.5	< 0.7	< 1.2	36	57	56	71	42.6	100	20
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	0.7	< 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	< 0.5	< 0.5	< 0.5	< 0.5	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	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,3-DICHLOROPROPANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,1-DICHLOROPROPENE	< 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	*	*
ETHYLBENZENE	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	1360	272
ISOPROPYLBENZENE	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	20*	3.1*	150	15
NAPHTHALENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 1.5	< 1.5	1.7	< 0.7	< 0.5	< 0.7	40	8
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.9	< 0.9	< 0.6	< 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	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	< 0.9	< 0.5	< 0.5	< 0.5	< 0.5	1	0.1
TOLUENE	2.3	< 0.7	1.3	< 0.5	< 0.5	< 0.5	1.6	< 0.7	1.3	< 0.5	< 0.5	< 0.5	1.6	< 0.7	1.3	< 0.5	< 0.5	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	0.8	130	180	470	250	520	258[A]	5	0.18
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	0.9	220	< 0.7	5.2	8.3	< 0.5	37.0	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 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.
[A] Elevated detection limits due to high analyte concentration; a 10X dilution necessary.

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-38	MW-38D[1]	MW-38	MW-83[1]	MW-38	MW-83[1]	MW-38	MW-138[1]	MW-38	MW-238[1]	NR 140**	
DATE	12/21/92	03/25/93	03/25/93	06/15/93	06/15/93	09/21/93	09/21/93	12/14/93	12/14/93	03/23/94	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	82147	B3002	B3002	B4322	B4322	A2594	A2594	B3416	B3416		
VOLATILE ORGANIC COMPOUNDS													
BENZENE	< 0.6	< 0.6	< 6	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 15	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
CHLOROETHANE	33	< 10	< 10	18	18	25	20	22	23	34.6	32.7	400	80
DICHLORODIFLUOROMETHANE	< 1.0	< 10	< 10	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
1,1-DICHLOROETHANE	220	73	76	100	83	210	190	250	220	146[A]	153[A]	850	85
1,1-DICHLOROETHENE	< 1.3	< 13	< 13	1.2	1.3	< 2.5	< 2.5	2.8	3.0	2.4	< 0.5	7	0.024
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8	0.8	< 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	5	0.5
CIS-1,2-DICHLOROETHENE	320	270	270	270	180	550[2]	4302[2]	540	460	322[C]	300[C]	100	10
TRANS-1,2-DICHLOROETHENE	20	17	17	9.2	9.5	18	18	19	21	12.0	11.3	100	20
ISOPROPYLBENZENE	< 0.6	< 6	< 6	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 2.1	< 21	< 21	< 2.0	< 2.0	< 2.5[2]	37[2]	19•	21•	< 2.0	< 2.0	150	15
TOLUENE	1.7	8.1	8.2	1.2	1.2	< 2.5	< 2.5	< 0.5	< 0.5	< 1.0	< 1.0	343	68.6
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.0	1.1	< 0.5	< 0.5	•	•
1,1,1-TRICHLOROETHANE	1.0	< 8	9.5	0.9	9.9	< 2.5	< 2.5	1.1	1.1	1.2	1.7	200	40
TRICHLOROETHENE	23	26	29	13	17	33	32	60	60	< 0.5	12.5	5	0.18
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.9	0.8	< 0.5	< 0.5	•	•
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	0.6	< 0.5	< 0.5	1	.1
1,3,5-TRIMETHYLBENZENE	< 0.8	< 8	< 8	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
VINYL CHLORIDE	460	210	240	340	240	380	320	140	140	480[C]	332[C]	0.2	0.0015
O-XYLENE	< 1.0	< 10.0	< 10.0	< 0.5	< 0.5	< 2.5	< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 10	< 10	< 0.5	< 0.5	< 2.5	< 2.5	< 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
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.
[A] Elevated detection limits due to high analyte concentration; a 25X dilution necessary.
[C] Elevated detection limits due to high analyte concentration; a 10X dilution necessary.
[A] Elevated detection limits due to high analyte concentration; a 10X dilution necessary; sample over calibration.

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-11	MW-11A	MW-11A	MW-11A	MW-11A	MW-11B	NR 140**	
DATE	12/21/92	03/26/93	06/16/93	12/14/93	03/24/94	06/15/93	09/24/93	12/14/93	03/22/94	12/21/92	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2084	B5972	A2594	A3424	B3002	B4440	A2594	A3270	B1332		
VOLATILE ORGANIC COMPOUNDS												
BENZENE	68	82	95	82	68	41	< 0.5	130	74^	< 0.6	5	0.067
N-BUTYLBENZENE	6.0	< 27	< 25	< 2.5	< 12.5	2.4	< 0.5	< 2.5	3.0	< 1.1	•	•
SEC-BUTYLBENZENE	< 0.7	< 17	< 40	< 4	< 20	1.1	< 0.8	< 4	< 0.5	< 0.7	•	•
TERT-BUTYLBENZENE	< 2.5	< 2.5	< 2.5	< 2.5	< 12.5	< 2.5	< 2.5	< 2.5	2.4	< 0.5	•	•
CHLOROETHANE	< 1.0	< 25	< 25	< 2.5	< 12.5	< 0.5	< 0.5	< 2.5	< 0.5	< 1.0	400	80
1,1-DICHLOROETHANE	< 0.8	< 20	< 30	< 3.0	< 15	< 0.6	< 0.6	< 3.0	< 0.6	< 0.8	850	85
CIS-1,2-DICHLOROETHENE	2.6	< 37	< 30	< 3.0	< 15	< 0.6	< 0.6	< 3.0	< 0.6	< 1.5	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 30	< 35	< 3.5	< 17.5	< 0.7	< 0.7	< 3.5	< 0.7	< 1.2	100	20
ETHYLBENZENE	510	460	1100	540	32	1.1	< 0.5	< 2.5	2.6	< 0.5	1360	272
ISOPROPYLBENZENE	1.2	27	25	31	< 12.5	6.9	< 0.5	7.1	< 0.5	< 0.6	•	•
P-ISOPROPYLTOLUENE	< 0.7	< 17	< 25	< 2.5	< 12.5	< 0.5	< 0.5	10	< 0.5	< 0.7	•	•
METHYLENE CHLORIDE	< 2.1	100	< 100	< 10	< 50	< 2.0	< 2.0	17*	< 2.0	2.7	150	15
NAPHTHALENE	< 1.5	< 37	57	81	55	1.0	< 0.7	3.5	1.1	< 1.5	40	8
N-PROPYLBENZENE	35	< 22	30	50	63	9.2	< 0.6	12	7.7	< 0.9	•	•
STYRENE	< 0.6	< 0.6	< 0.6	24	< 15	< 0.6	< 0.6	< 3.0	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 22	< 25	< 2.5	< 12.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.9	1	0.1
TOLUENE	19	48	81	28	30	2.9	< 0.5	< 2.5	2.5	1.9	343	68.6
TRICHLOROETHENE	2.9	< 20	< 25	41	< 12.5	< 0.5	< 0.5	< 2.5	< 0.5	< 0.8	5	0.18
1,2,4-TRIMETHYLBENZENE	64	69	100	36	36	2.2	1.2	< 4.5	< 0.9	< 1.0	•	•
1,3,5-TRIMETHYLBENZENE	94	100	97	41	40	1.1	< 0.5	7.3	8.0	< 0.8	•	•
VINYL CHLORIDE	< 0.7	< 17	< 25	< 2.5	< 12.5	<0.5	< 0.5	< 2.5	< 0.5	< 0.7	0.2	0.0015
O-XYLENE	17	45	< 25	< 2.5	24	<0.5	< 0.5	< 2.5	< 0.5	< 1.0	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	1100	1100	1900	1000	712	14	< 0.5	7.0	15.4	< 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.

A elevated detection limit due to high analyte concentration; a 25X dilution necessary.
Laboratory analysis by Swanson Environmental, Inc. Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760

TABLE 3 (cont'd)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-3

PARAMETER	MW-11B	MW-11B	MW-11B	MW-11B	MW-11B	MW-11C	NR 140**	
DATE	03/24/93	06/15/93	09/23/93	12/14/93	03/22/94	03/26/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B2102	B3002	B4440	A2594	A3270	B2084		
VOLATILE ORGANIC COMPOUNDS								
BENZENE	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	0.7	5	0.067
N-BUTYLBENZENE	< 1.1	< 0.5	4.0	< 0.5	< 0.8	1.7	•	•
SEC-BUTYLBENZENE	< 0.7	< 0.8	< 0.8	< 0.8	< 0.5	< 0.7	•	•
TERT-BUTYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
CHLOROETHANE	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	65	400	80
1,1-DICHLOROETHANE	< 0.8	< 0.6	< 0.6	< 0.6	< 0.6	3.4	850	85
CIS-1,2-DICHLOROETHENE	< 1.0	< 0.6	2.0	< 0.6	< 0.6	1.8	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 0.7	0.9	< 0.7	< 0.7	2.4	100	20
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1360	272
ISOPROPYLBENZENE	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	•	•
P-ISOPROPYLTOLUENE	< 0.7	< 0.5	0.5	< 0.5	< 0.5	0.9	•	•
METHYLENE CHLORIDE	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	2.6	150	15
NAPHTHALENE	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 1.5	40	8
N-PROPYLBENZENE	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.9	•	•
STYRENE	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.5	0.6	< 0.5	< 0.5	< 0.9	1	0.1
TOLUENE	< 0.7	1.1	< 0.5	< 0.5	< 0.5	0.7	343	68.6
TRICHLOROETHENE	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	5	0.18
1,2,4-TRIMETHYLBENZENE	< 1.0	< 0.9	< 0.9	< 0.9	< 0.9	1.8	•	•
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	1.3	•	•
VINYL CHLORIDE	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	0.8	0.2	0.0015
O-XYLENE	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 0.5	< 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.

A elevated detection limit due to high analyte concentration; a 25X dilution necessary.
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	MW-12	NR140**	
DATE	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	B3002	B4322	A2594	A3416		
VOLATILE ORGANIC COMPOUNDS								
TERT-BUTYLBENZENE	< 1.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	*	*
TOLUENE	1.7	0.8	1.2	< 0.5	< 0.5	< 1.0	343	68.6
O-XYLENE	< 1.0	1.1	< 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

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	MW-5R	NR 140**	
DATE	12/23/92	03/26/93	06/17/93	09/22/93	12/14/93	04/27/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2084	B3092	B4226	B5090	10399		
VOLATILE ORGANIC COMPOUNDS								
BENZENE	68	110	100	35	< 1	1.5	5	0.067
N-BUTYLBENZENE	2.5	N/A	N/A	1.8	N/A	N/A	•	•
TERT-BUTYLBENZENE	2.4	N/A	N/A	2.1	N/A	N/A	•	•
CHLOROETHANE	5.1	N/A	N/A	5.3	N/A	N/A	400	80
CIS-1,2-DICHLOROETHENE	3.6	N/A	N/A	5.0	N/A	N/A	100	10
ETHYLBENZENE	6.3	12	< 5.0	1.8	< 1	< 1.0	1360	272
ISOPROPYLBENZENE	< 0.6	N/A	N/A	0.7	N/A	N/A	•	•
NAPHTHALENE	< 1.5	N/A	N/A	3.3	N/A	N/A	40	8
N-PROPYLBENZENE	4.3	N/A	N/A	1.3	N/A	N/A	•	•
TOLUENE	1.9	5	< 5.0	< 0.5	< 1	< 0.9	343	68.6
1,2,4-TRIMETHYLBENZENE	< 1.0	N/A	N/A	5.4	N/A	N/A	•	•
1,3,5-TRIMETHYLBENZENE	4.0	N/A	N/A	< 0.5	N/A	N/A	•	•
VINYL CHLORIDE	0.8	N/A	N/A	< 0.5	N/A	N/A	0.2	0.0015
O-XYLENE	3.6	N/A	N/A	< 0.5	N/A	N/A	620 (TOTAL)	124 (TOTAL)
XYLENES (Total)***	3.6	7	< 5.0	1.4	< 1	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
••• 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 2
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-2

PARAMETER	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29A	MW-29A	MW-29A	MW-29A	MW-29A	MW-29A	MW-30	MW-30	MW-30	MW-30	MW-30	MW-30	NR 140**	
DATE	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	03/23/94	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	03/23/94	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	B3002	B4322	A2594	A3416	B1332	B2147	B3002	B4322	A2594	A3416	B1332	B2147	B3002	B4322	A2594	A3416		
VOLATILE ORGANIC COMPOUNDS																				
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	2.0	< 0.5	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	400	80
DICHLORODIFLUOROMETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.6	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.8	< 0.8	< 0.8	< 0.6	< 0.6	< 0.6	< 0.6	850	85
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.6	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 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	< 0.5	< 0.5	1.0	< 0.5	6	.6
CIS-1,2-DICHLOROETHENE	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	2.6	< 2.0	< 2.0	20*	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.1	5.1	< 2.0	< 2.0	21*	< 2.0	150	15
TOLUENE	< 0.7	1.0	1.3	< 0.5	< 0.5	< 1.0	1.7	1.0	1.2	< 0.5	< 0.5	< 1.0	1.9	0.9	1.0	< 0.5	< 0.5	< 1.0	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	< 0.5	< 0.5	0.6	< 0.5	*	*
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	0.7	< 0.5	1.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	0.6	4.0	0.7	< 0.5	200	40
TRICHLOROETHENE	2.5	< 0.8	< 0.5	1.7	0.8	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	1.1	1.3	2.1	< 0.5	5	0.18
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.5	< 0.5	1.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	*	*
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	0.9	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	1.0	< 0.5	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	1.1	< 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 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-31	MW-31	MW-31	MW-31	MW-31	MW-31	MW-34R	MW-34R	MW-34R	MW-34R	MW-36A	MW-36A	MW-36A	MW-36A	MW-36A	MW-36A	MW-37	MW-37	NR 140**	
DATE	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	03/23/94	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	03/23/94	12/21/92	03/26/93	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	B3002	B4322	A2594	A3416	B1332	B3002	B4322	A2594	B1332	B2147	B3002	B4322	A2594	A3416	B1332	B2084		
VOLATILE ORGANIC COMPOUNDS																				
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	0.9	5	0.067
TERT-BUTYLBENZENE	< 1.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 1.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	*	*
CHLOROETHANE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	50	33	31	41	68	< 0.5	< 1.0	< 1.0	400	80
DICHLORODIFLUOROMETHANE	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	*	*
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	0.8	< 0.6	< 0.8	< 0.6	0.7	< 0.6	< 0.8	< 0.8	< 0.6	< 0.6	< 0.5	< 0.6	< 0.8	1.3	850	85
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	1.8	< 0.5	< 0.5	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	7	0.024
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 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	< 0.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5	5	0.5
CIS-1,2-DICHLOROETHENE	2.2	2.5	3.5	1.4	4.6	5.7	< 1.5	< 0.6	< 0.6	2.7	12	7	9.4	7.5	< 0.6	18.8	< 1.5	< 1.0	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.7	1.1	< 0.7	< 1.2	< 0.7	< 0.7	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	6.4	< 0.7	< 1.2	< 1.2	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	*	*
METHYLENE CHLORIDE	< 2.1	7.0	< 2.0	< 2.0	20*	< 2.0	< 2.1	< 2.0	< 2.0	< 2.0	4.1	< 2.1	< 2.0	< 2.0	22*	< 2.0	< 2.1	< 2.1	150	15
TOLUENE	1.9	0.9	1.2	< 0.5	< 0.5	< 1.0	< 0.7	1.1	< 0.5	1.3	2.3	0.9	1.2	< 0.5	< 0.5	< 1.0	< 0.7	< 0.7	343	68.6
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	*	*
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	0.8	11	1.9	< 0.8	< 0.8	0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	200	40
TRICHLOROETHENE	< 0.8	1.4	3.1	1.2	3.6	3.1	< 0.8	0.9	< 0.5	2.3	< 0.8	< 0.8	< 0.5	< 0.5	1.6	< 0.5	< 0.8	< 0.8	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	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	*	*
VINYL CHLORIDE	< 0.7	< 0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.7	< 0.5	< 0.5	< 0.5	16	4.5	23	9.8	5.4	16.1	< 0.7	< 0.7	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	620 (TOTAL)	124 (TOTAL)

Note: All values in $\mu g/l$ (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.
[A] Elevated detection limits due to high analyte concentration; a 25X dilution necessary.
[C] Elevated detection limits due to high analyte concentration; a 10X dilution necessary.
[CH] Elevated detection limits due to high analyte concentration; a 10X dilution necessary; sample over calibration.

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-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-41	MW-41	MW-41	MW-41	MW-41	MW-41	NR 140**	
DATE	12/21/92	03/25/93	06/15/93	09/21/93	12/14/93	03/23/94	12/21/92	03/25/93	06/15/93	09/21/93	12/14/94	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2147	B3002	B4322	A2594	A3416	B1332	B2147	B3002	B4322	A2594	A3416		
VOLATILE ORGANIC COMPOUNDS														
BENZENE	< 0.6	0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	0.8	1.5	< 0.5	< 0.5	< 0.5	5	0.067
TERT-BUTYLBENZENE	< 1.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
CHLOROETHANE	< 1.0	< 1.0	1.2	16	9.9	7.7	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	400	80
DICHLORODIFLUOROMETHANE	20	< 1.0	46	57	18	30.9	< 1.0	20	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,1-DICHLOROETHANE	16	1.1	25	110	67	29.9	< 0.8	6.8	0.9	0.8	0.8	< 0.6	850	85
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.5	< 0.5	0.9	< 0.5	7	0.024
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	1.1	< 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	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
CIS-1,2-DICHLOROETHENE	< 1.5	5.8	1.7	1.9	3.7	3.2	< 1.5	< 1.0	< 0.6	< 0.6	< 0.6	< 0.6	100	10
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	1.1	2.9	< 0.7	< 1.2	< 1.2	< 0.7	< 0.7	< 0.7	< 0.7	100	20
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.6	< 0.6	0.7	< 0.5	< 0.5	< 0.5	*	*
METHYLENE CHLORIDE	< 2.1	4.0	< 2.0	< 2.0	23*	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	150	15
TOLUENE	1.6	< 0.7	1.2	< 0.5	< 0.5	< 1.0	< 0.7	0.8	1.2	< 0.5	< 0.5	< 0.5	343	68.6
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
1,1,1-TRICHLOROETHANE	2.9	1.0	1.5	2.1	3.5	2.9	< 0.8	1.7	0.8	< 0.5	< 0.5	< 0.5	200	40
TRICHLOROETHENE	2.8	0.8	3.5	5.0	4.1	2.8	< 0.8	2.3	< 0.5	< 0.5	< 0.5	< 0.5	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	*	*
TETRACHLOROETHENE	< 0.5	< 0.5	< 0.5	< 0.5	1.2	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	.1
1,3,5-TRIMETHYLBENZENE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	*	*
VINYL CHLORIDE	< 0.7	6.7	0.8	3.0	3.0	< 0.5	< 0.7	0.9	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 0.5	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 1.0	< 1.0	< 0.5	< 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 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 9 (continued)
SUMMARY OF DETECTED CONSTITUENTS IN GROUNDWATER SAMPLES
SITE MP-16

PARAMETER	MW-28	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	09/22/93	12/14/93	03/22/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B1332	B2102	B3002	B4226	B4226	A2594	A3270		
VOLATILE ORGANIC COMPOUNDS									
BENZENE	< 0.6	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.067
BROMOFORM	< 2.1	< 2.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.4	0.44
N-BUTYLBENZENE	< 1.1	< 1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8	•	•
SEC-BUTYLBENZENE	< 0.7	< 0.7	< 0.8	< 0.8	< 0.8	< 0.8	< 0.5	•	•
TERT-BUTYLBENZENE	< 1.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
CARBON TETRACHLORIDE	< 0.8	< 0.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.6	< 0.6	2.5	2.5	< 0.6	850	85
1,2-DICHLOROETHANE	< 0.9	< 0.9	< 0.5	< 0.5	< 0	< 0.5	< 0.5	5	0.5
1,1-DICHLOROETHENE	< 1.3	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	7	0.024
CIS-1,2-DICHLOROETHENE	< 1.5	4.9	< 0.6	< 0.6	2.8	2.8	< 0.6	100	10
CHLOROETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	400	80
TRANS-1,2-DICHLOROETHENE	< 1.2	< 1.2	< 0.7	< 0.6	< 0.7	< 0.6	< 0.7	100	20
TRICHLOROFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	•	•
CHLOROFORM	< 0.5	< 0.5	< 0.5	< 0.5	1.0	1.0	< 0.5	6	.6
DICHLORODIFLUOROMETHANE	< 0.5	< 0.5	< 0.5	< 0.5	2.7	2.7	< 0.5	•	•
1,3-DICHLOROPROPANE	< 1.0	< 1.0	< 0.5	< 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	•	•
ETHYLBENZENE	< 0.5	< 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	< 0.5	< 0.5	•	•
METHYLENE CHLORIDE	< 2.1	< 2.1	< 2.0	< 2.0	26	26*	< 2.0	150	15
NAPHTHALENE	< 1.5	< 1.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	40	8
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	•	•
TETRACHLOROETHENE	< 0.9	< 0.9	< 0.5	< 0.5	1.0	1.0	< 0.5	1	0.1
TOLUENE	1.9	< 0.7	1.2	< 0.5	1.7	1.7	< 0.5	343	68.6
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	< 0.5	< 0.5	1.9	1.9	< 0.5	200	40
TRICHLOROETHENE	< 0.8	15	< 0.5	< 0.5	2.3	2.3	< 0.5	5	0.18
VINYL CHLORIDE	< 0.7	5.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.0015
O-XYLENE	< 1.0	< 1.0	< 0.5	< 0.5	< 0.5	< 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

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

PARAMETER	MW-45	MW-45	MW-45	NR 140**	
DATE	09/22/93	12/15/93	03/23/94	ENFORCEMENT STANDARD	PAL
LABORATORY REPORT NUMBER	B4227	B2593	B3416		
VOLATILE ORGANIC COMPOUNDS					
BENZENE	9230	18,000	6,291	5	0.067
BROMOFORM	< 1000	< 50	< 100	4.4	0.44
N-BUTYLBENZENE	< 500	360	1,260	•	•
SEC-BUTYLBENZENE	< 500	< 80	< 0.8	•	•
TERT-BUTYLBENZENE	< 500	1,900	3,920	•	•
CARBON TETRACHLORIDE	< 250	< 50	< 100	5	0.5
1,1-DICHLOROETHANE	< 250	< 60	< 120	850	85
1,2-DICHLOROETHANE	< 250	< 50	< 100	5	0.5
1,1-DICHLOROETHENE	< 200	160	< 100	7	0.024
CIS-1,2-DICHLOROETHENE	133,000	180,000	150,000	100	10
CHLOROETHANE	< 1,000	< 50	< 100	400	80
TRANS-1,2-DICHLOROETHENE	< 250	150	< 140	100	20
TRICHLOROFLUOROMETHANE	< 500	< 50	< 100	•	•
CHLOROFORM	< 250	11,000	< 100	6	.6
DICHLORODIFLUOROMETHANE	< 1,000	100	< 100	•	•
1,3-DICHLOROPROPANE	< 250	< 50	< 100	•	•
1,1-DICHLOROPROPENE	< 500	< 50	< 100	•	•
ETHYLBENZENE	< 500	1,100	7,680	1360	272
ISOPROPYLBENZENE	< 500	150	614	•	•
P-ISOPROPYLTOLUENE	< 500	540	< 100		
METHYLENE CHLORIDE	< 1,250	< 200	< 400	150	15
NAPHTHALENE	< 500	1,700	863	40	8
N-PROPYLBENZENE	< 500	190	996	•	•
STYRENE	< 2,500	480	< 120		
TETRACHLOROETHENE	< 250	< 50	< 100	1	0.1
TOLUENE	< 1,000	990	3,230	343	68.6
1,1,1-TRICHLOROETHANE	< 250	16,000	< 100	200	40
TRICHLOROETHENE	16,400	33,000	23,900	5	0.18
1,2,4-TRIMETHYLBENZENE	< 500	13,000	< 180		
1,3,5-TRIMETHYLBENZENE	< 500	450	1,140		
VINYL CHLORIDE	8,170	< 50	6,340	0.2	0.0015
O-XYLENE	< 500	< 50	1,730	620 (TOTAL)	124 (TOTAL)
M&P-XYLENE	< 500	1,900	4,350		

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
MARCH 1994

WELL	RISER ELEVATION	DEPTH TO WATER (feet)	DATE	WATER ELEVATION (feet)
MW-1	WELL HAS BEEN ABANDONED			
MW-2	624.51	7.12	3/24/94	617.39
MW-3	623.21	(UNABLE TO OPEN)		
MW-4	620.95	11.06	3/24/94	609.89
MW-5	620.82	SCREEN SILTED SHUT		
MW-5A	621.35	12.81	3/23/94	608.54
MW-6	619.99	4.63	3/24/94	615.36
MW-6A	624.09	7.57	3/24/94	616.52
MW-6C	624.01	7.53	3/24/94	616.48
MW-7	620.58	3	3/24/94	617.58
MW-8	621.63	4.1	3/24/94	617.53
MW-8A	621.91	9.08	3/24/94	612.83
MW-10	628.82	2 feet of product above water level 10.56		
MW-11	623.88	6.29	3/23/94	617.59
MW-11A	626.99	5.85	3/22/94	621.14
MW-11B	625.9	4.96	3/22/94	620.94
MW-11C		(UNABLE TO LOCATE WELL TOP)		
MW-11D	WELL HAS BEEN ABANDONED			
MW-12	625.86	11.37	3/23/94	614.49
MW-13A	627.25	9.71	3/24/94	617.54
MW-14	622.34	5.01	3/24/94	617.33
MW-15	624.31	10.03	3/23/94	614.28
MW-16	622.44	4.95	3/24/94	617.49
MW-16A	626.17	8.32	3/24/94	617.85
MW-17	622.79	4.92	3/22/94	617.87
MW-17A	626.79	(NOT MEASURED) Bent Pipe		
MW-17B	627.1	8.85	3/22/94	618.25
MW-18	624.09	7.52	3/24/94	616.57
MW-18A	628.58	12.8	3/24/94	615.78
MW-18B	627.93	10.77	3/24/94	617.16
MW-18C	627.94	11.49	3/24/94	616.45
MW-18D	626.79	9.36	3/24/94	617.43
MW-19	622.4	5.17	3/22/94	617.23
MW-20	624.85	9.16	3/24/94	615.69
MW-21	625.81	9.8	3/22/94	616.01
MW-21A	626.79	9.76	3/22/94	617.03
MW-22	627.01	2.48	3/23/94	624.53
MW-23	624.55	8.63	3/24/94	615.92
MW-24	619.87	1.93	3/22/94	617.94
MW-24A	630.06	6.03	3/24/94	624.03
MW-25	628.77	11.7	3/23/94	617.07
MW-26	626.24	9.33	3/22/94	616.91
MW-27	625.61	9.99	3/22/94	615.62
MW-27A	625.14	9.97	3/22/94	615.17
MW-27B	625.79	8.37	3/22/94	617.42
MW-27C	627.87	9.99	3/22/94	617.88
MW-27D	627.91	13.5	3/22/94	614.41

MW-27E	629.43	15.6	3/22/94	613.83
MW-28	623.69	8.11	3/22/94	615.58
MW-29	626.43	8.58	3/22/94	617.85
MW-29A	627.28	10.64	3/22/94	616.64
MW-30	625.82	9.9	3/23/94	615.92
MW-31	627.38	11.6	3/23/94	615.78
MW-34R		(NOT MEASURED)		
MW-35B	628.37	9.13	3/23/94	619.24
MW-36A	628.15	11.86	3/23/94	616.29
MW-37	628.72	8.98	3/23/94	619.74
MW-38	628.51	9.13	3/23/94	619.38
MW-40	628.67	9.07	3/23/94	619.6
MW-41	628.86	9.4	3/23/94	619.46
MW-43	626	8.51	3/23/94	617.49
MW-44	624.29	8.85	3/24/94	615.44
MW-45	626.45	9.66	3/23/94	616.79
OBSERVATION SUMP	626.1	(NOT MEASURED)		
OW-1	620.83	(NOT MEASURED)		
OW-2	623.26	(NOT MEASURED) – Excavated Out		
OW-3	628.75	8.43	3/23/94	620.32
OW-4	628.64	8.27	3/23/94	620.37
OW-5	628.23	7.85	3/23/94	620.38
OW-6	625.47	10.74	3/22/94	614.73
OW-7	625.87	11.11	3/22/94	614.76
SUMP-1	621.98	(NOT MEASURED) – Excavated Out		
SUMP-2	625	10.77	3/24/94	614.23
SUMP-3	626.97	22.73	3/24/94	604.24
SUMP-4	629.35	8.87	3/23/94	620.48
SUMP-5	628.29	7.96	3/23/94	620.33
SUMP-5A	628.64	8.3	3/23/94	620.34
SUMP-5B	629.34	17.1	3/23/94	612.24
SUMP-5C	628.67	10.11	3/23/94	618.56
SUMP-6	625.01	10.25	3/22/94	614.76
TANK SUMP	(NOT MEASURED) – GONE			

ATTACHMENT B

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

SWANSON ENVIRONMENTAL INC.

ANALYTICAL REPORT

Report Date: 05/13/94

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

Date Received: 04/28/94
Your Reference: 943163.9

Attn: Ms. Val Jansen

SEI Project: WL 10399
Date Collected: 04/27/94

Our Reference					AA01345
Sample Point					MW-5R
Analyte	Units	PQL	Analytical Method	Analyzed	Result
Volatile Organic Compounds					
Benzene	ug/L	0.7	EPA 602	04/28/94	1.5
Ethylbenzene	ug/L	1.0	EPA 602	04/28/94	Not Detected
Toluene	ug/L	0.9	EPA 602	04/28/94	Not Detected
Xylenes, Total	ug/L	1.5	EPA 602	04/28/94	2.5

SEI Project: WL 10399
Date Collected: 04/27/94

Our Reference					AA01346
Sample Point					Trip Blank
Analyte	Units	PQL	Analytical Method	Analyzed	Result
Volatile Organic Compounds					
Benzene	ug/L	0.7	EPA 602	05/05/94	Not Detected
Ethylbenzene	ug/L	1.0	EPA 602	05/05/94	Not Detected
Toluene	ug/L	0.9	EPA 602	05/05/94	Not Detected
Xylenes, Total	ug/L	1.5	EPA 602	05/05/94	Not Detected

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: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: mg/L (ppm)

Analyte	SEI ID / Sample ID	9942-1 MW-20	9942-2 MW-220	9942-3 MW-14	9942-4 MW-16	9942-5 MW-216
Cyanide, Total		0.012	0.018	<0.0035	0.247	0.310

Analyte	SEI ID / Sample ID	9942-7 MW-18C	9942-8 MW-18	9942-11 MW-18D	9942-14 MW-16A
Cyanide, Total		<0.0035	<0.0035	<0.0035	0.050

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DATE: April 15, 1994
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SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: mg/L (ppm)

DATE EXTRACTED
DRO - 03/25/94

DATE ANALYZED
DRO - 04/05/94

DNR #	Analyte	PQL	SEI ID 9942-6 Sample ID MW-44
WDNR Modified Method DRO			
78919	DRO	0.05	<0.05

ORIGINAL

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ANALYTICAL REPORT

REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-1[a] MW-20	9942-3 MW-14	9942-4 MW-16	9942-5 MW-216
EPA Method 8021						
78124	Benzene	0.5	<12.5	<0.5	<0.5	<0.5
81555	Bromobenzene	0.5	<12.5	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<12.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<12.5	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<12.5	<0.5	<0.5	<0.5
14413	Bromomethane	0.5	<12.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	<12.5	<0.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<20	<0.8	<0.8	<0.8
77353	tert-Butylbenzene	0.5	<12.5	<0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<12.5	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<12.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<12.5	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	<12.5	<0.5	32	35
32106	Chloroform	0.5	<12.5	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<12.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<12.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<12.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<12.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<12.5	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<12.5	<0.5	<0.5	<0.5

ORIGINAL

SWANSON ENVIRONMENTAL INC.

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-1[a] MW-20	9942-3 MW-14	9942-4 MW-16	9942-5 MW-216
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<12.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<12.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<15	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<12.5	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	52	<0.6	2.0	2.0
32103	1,2-Dichloroethane	0.5	<12.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<12.5	<0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	802	<0.6	<0.6	<0.6
34546	trans-1,2-Dichloroethene	0.7	<17.5	<0.7	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<12.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<12.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<17.5	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<12.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<12.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<12.5	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<12.5	<0.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<17.5	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<12.5	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<12.5	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<50	<2.0	2.9	4.0
34696	Naphthalene	0.7	293	<0.7	<0.7	<0.7

ORIGINAL

SWANSON ENVIRONMENTAL INC.

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Brookfield, Wisconsin 53045
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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

		SEI ID	9942-1[a]	9942-3	9942-4	9942-5
		Sample ID	MW-20	MW-14	MW-16	MW-216
DNR #	Analyte	PQL				
EPA Method 8021						
77224	n-Propylbenzene	0.6	<15	<0.6	<0.6	<0.6
77128	Styrene	0.6	<15	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<12.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<12.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<12.5	<0.5	<0.5	<0.5
78131	Toluene	1.0	<25	<1.0	<1.0	<1.0
77613	1,2,3-Trichlorobenzene	0.5	<12.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<12.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	<12.5	<0.5	2.0	2.0
34511	1,1,2-Trichloroethane	0.5	<12.5	<0.5	<0.5	<0.5
39180	Trichloroethene	0.5	34	<0.5	1.3	1.3
34488	Trichlorofluoromethane	0.5	<12.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<12.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	120	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	<12.5	<0.5	<0.5	<0.5
39175	Vinyl Chloride	0.5	<12.5	<0.5	<0.5	<0.5
77135	o-Xylenes	0.5	<12.5	<0.5	<0.5	<0.5
85795	m & p Xylenes	0.5	<12.5	<0.5	<0.5	<0.5

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-14 MW-16A	9942-15 Trip Blank
EPA Method 8021				
78124	Benzene	0.5	<0.5	<0.5
81555	Bromobenzene	0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5
32104	Bromoform	0.5	<0.5	<0.5
14413	Bromomethane	0.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<0.8	<0.8
77353	tert-Butylbenzene	0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5
34311	Chloroethane	0.5	<0.5	<0.5
32106	Chloroform	0.5	<0.5	<0.5
34418	Chloromethane	0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloroprop	0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5

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ANALYTICAL REPORT

REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-14 MW-16A	9942-15 Trip Blank
EPA Method 8021				
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	<0.6	<0.6
34546	trans-1,2-Dichloroethene	0.7	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<2.0	2.2
34696	Naphthalene	0.7	<0.7	<0.7

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DATE: April 15, 1994
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SEI NO: WL9942
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DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: mg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID PQL	9942-14 MW-16A	9942-15 Trip Blank
EPA Method 8021				
77224	n-Propylbenzene	0.6	<0.6	<0.6
77128	Styrene	0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<0.5	<0.5
78131	Toluene	0.5	<0.5	<0.5
77613	1,2,3-Trichlorobenzene	0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	<0.5	<0.5
34511	1,1,2-Trichloroethane	0.5	<0.5	<0.5
39180	Trichloroethene	0.5	<0.5	<0.5
34488	Trichlorofluoromethane	0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	<0.5	<0.5
39175	Vinyl Chloride	0.5	<0.5	<0.5
77135	o-Xylenes	0.5	<0.5	<0.5
85795	m & p Xylenes	0.5	<0.5	<0.5

[a] Elevated detection limits due to high analyte concentration; a 25x dilution necessary.
[b] Elevated detection limits due to high analyte concentration; a 50x dilution necessary.

Note: Laboratory blank on date of analysis contained 2.6 µg/L of methylene chloride.

Clark J. Crosby
Laboratory Manager

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DATE: April 15, 1994
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DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-10[a] MW-11	9942-11[a] MW-18D	9942-12 MW-18A	9942-13 MW-18B
EPA Method 8021						
78124	Benzene	0.5	68	<12.5	<0.5	<0.5
81555	Bromobenzene	0.5	<12.5	<12.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<12.5	<12.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<12.5	<12.5	<0.5	<0.5
32104	Bromoform	0.5	<12.5	<12.5	<0.5	<0.5
14413	Bromomethane	0.5	<12.5	<12.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	<12.5	<12.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<20	62	<0.8	<0.8
77353	tert-Butylbenzene	0.5	<12.5	<12.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<12.5	<12.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<12.5	<12.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<12.5	<12.5	<0.5	<0.5
34311	Chloroethane	0.5	<12.5	<12.5	<0.5	<0.5
32106	Chloroform	0.5	<12.5	<12.5	<0.5	<0.5
34418	Chloromethane	0.5	<12.5	<12.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<12.5	<12.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<12.5	<12.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<12.5	<12.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<12.5	<12.5	<0.5	<0.5
77596	Dibromomethane	0.5	<12.5	<12.5	<0.5	<0.5

ORIGINAL

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ANALYTICAL REPORT REPORT NUMBER: A3424

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325 East Chicago Street
Milwaukee, WI 53202

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-10[a] MW-11	9942-11[a] MW-18D	9942-12 MW-18A	9942-13 MW-18B
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<12.5	<12.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<12.5	<12.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<15	<15	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<12.5	<12.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	<15	<15	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<12.5	<12.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<12.5	<12.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	<15	<15	<0.6	<0.6
34546	trans-1,2-Dichloroethene	0.7	<17.5	<17.5	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<12.5	<12.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<12.5	<12.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<17.5	<17.5	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<12.5	<12.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<12.5	<12.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<12.5	<12.5	<0.5	<0.5
78113	Ethylbenzene	0.5	32	<12.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<17.5	<17.5	<0.7	<0.7
77223	Isopropylbenzene	0.5	<12.5	<12.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<12.5	51	<0.5	<0.5
34423	Methylene chloride	2.0	<50	<50	<2.0	<2.0
34696	Naphthalene	0.7	55	409	<0.7	<0.7

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ANALYTICAL REPORT

REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-10[a] MW-11	9942-11[a] MW-18D	9942-12 MW-18A	9942-13 MW-18B
EPA Method 8021						
77224	n-Propylbenzene	0.6	63	<15	<0.6	<0.6
77128	Styrene	0.6	<15	<15	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<12.5	<12.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<12.5	<12.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<12.5	<12.5	<0.5	<0.5
78131	Toluene	1.0	30	<25	<1.0	<1.0
77613	1,2,3-Trichlorobenzene	0.5	<12.5	<12.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<12.5	<12.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	<12.5	<12.5	<0.5	<0.5
34511	1,1,2-Trichloroethane	0.5	<12.5	<12.5	<0.5	<0.5
39180	Trichloroethene	0.5	<12.5	<12.5	<0.5	<0.5
34488	Trichlorofluoromethane	0.5	<12.5	<12.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<12.5	<12.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	36	<22.5	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	40	<12.5	<0.5	<0.5
39175	Vinyl Chloride	0.5	<12.5	<12.5	<0.5	<0.5
77135	o-Xylenes	0.5	24	<12.5	<0.5	<0.5
85795	m & p Xylenes	0.5	712	<12.5	<0.5	<0.5

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID Sample ID PQL	9890-9 MW-11B	9890-10 MW-11A	9890-11 MW-27C ✓	9890-12 Trip Blank
EPA Method 8021						
78124	Benzene	0.5	<0.5	74[b]	<0.5	<0.5
81555	Bromobenzene	0.5	<0.5	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<0.5	<0.5	<0.5	<0.5
34413	Bromomethane	0.5	<0.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.8	<0.8	3.0	<0.8	<0.8
77350	sec-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77353	tert-Butylbenzene	0.5	<0.5	2.4	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	<0.5	<0.5	<0.5	<0.5
32106	Chloroform	0.5	<0.5	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<0.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5	<0.5	<0.5

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID Sample ID PQL	9890-9 MW-11B	9890-10 MW-11A	9890-11 MW-27C	9890-12 Trip Blank
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	<0.6	<0.6	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	<0.6	<0.6	<0.6	<0.6
34546	trans-1,2-Dichloroethene	0.7	<0.7	<0.7	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<0.5	2.6	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<0.5	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<2.0	<2.0	<2.0	<2.0
34696	Naphthalene	0.7	<0.7	1.1	<0.7	<0.7

ORIGINAL

SWANSON ENVIRONMENTAL INC.

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID Sample ID PQL	9890-9 MW-11B	9890-10 MW-11A	9890-11 MW-27C	9890-12 Trip Blank
EPA Method 8021						
77224	n-Propylbenzene	0.6	<0.6	7.7	<0.6	<0.6
77128	Styrene	0.6	<0.6	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<0.5	<0.5	<0.5	<0.5
78131	Toluene	0.5	<0.5	2.5	<0.5	<0.5
77613	1,2,3-Trichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34511	1,1,2-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
39180	Trichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
34488	Trichlorofluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	<0.9	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	<0.5	8.0	<0.5	<0.5
39175	Vinyl chloride	0.5	<0.5	<0.5	<0.5	<0.5
77135	o-Xylenes	0.5	<0.5	<0.5	<0.5	<0.5
85795	m & p Xylenes	0.5	<0.5	15.4	<0.5	<0.5

[b] Elevated detection limit due to high analyte concentration; a 25x dilution necessary.

Clark J. Crosby

Clark J. Crosby
Laboratory Manager

ORIGINAL

SWANSON ENVIRONMENTAL INC.

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID / Sample ID	PQL	9890-5 MW-28	9890-6 MW-27A	9890-7 MW-27D	9890-8 MW-26
EPA Method 8021							
78124	Benzene		0.5	<0.5	<0.5	<0.5	<0.5
81555	Bromobenzene		0.5	<0.5	<0.5	<0.5	<0.5
77297	Bromochloromethane		0.5	<0.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane		0.5	<0.5	<0.5	<0.5	<0.5
32104	Bromoform		0.5	<0.5	<0.5	<0.5	<0.5
34413	Bromomethane		0.5	<0.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene		0.8	<0.8	<0.8	<0.8	<0.8
77350	sec-Butylbenzene		0.5	<0.5	<0.5	<0.5	<0.5
77353	tert-Butylbenzene		0.5	<0.5	<0.5	<0.5	<0.5
32102	Carbon tetrachloride		0.5	<0.5	<0.5	<0.5	<0.5
34301	Chlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane		0.5	<0.5	<0.5	<0.5	<0.5
34311	Chloroethane		0.5	<0.5	<0.5	<0.5	<0.5
32106	Chloroform		0.5	<0.5	<0.5	<0.5	<0.5
34418	Chloromethane		0.5	<0.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene		0.5	<0.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene		0.5	<0.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane		0.5	<0.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane		0.5	<0.5	<0.5	<0.5	<0.5
77596	Dibromomethane		0.5	<0.5	<0.5	<0.5	<0.5

ORIGINAL

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9890-5 MW-28	9890-6 MW-27A	9890-7 MW-27D	9890-8 MW-26
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	<0.6	<0.6	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	<0.6	1.8	1.4	<0.6
34546	trans-1,2-Dichloroethene	0.7	<0.7	1.0	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<0.5	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<2.0	3.0	<2.0	<2.0
34696	Naphthalene	0.7	<0.7	<0.7	<0.7	<0.7

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ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID / Sample ID	PQL	9890-5 MW-28	9890-6 MW-27A	9890-7 MW-27D	9890-8 MW-26
EPA Method 8021							
77224	n-Propylbenzene		0.6	<0.6	<0.6	<0.6	<0.6
77128	Styrene		0.6	<0.6	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene		0.5	<0.5	<0.5	<0.5	<0.5
78131	Toluene		0.5	<0.5	<0.5	<0.5	<0.5
77613	1,2,3-Trichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane		0.5	<0.5	<0.5	<0.5	1.5
34511	1,1,2-Trichloroethane		0.5	<0.5	<0.5	<0.5	<0.5
39180	Trichloroethene		0.5	<0.5	0.5	0.8	<0.5
34488	Trichlorofluoromethane		0.5	<0.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane		0.5	<0.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene		0.9	<0.9	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene		0.5	<0.5	<0.5	<0.5	<0.5
39175	Vinyl chloride		0.5	<0.5	6.2	0.9	<0.5
77135	o-Xylenes		0.5	<0.5	<0.5	<0.5	<0.5
85795	m & p Xylenes		0.5	<0.5	<0.5	<0.5	<0.5

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ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID / Sample ID	9890-1 MW-27	9890-2 ✓ MW-27E	9890-3 ✓ MW-27B	9890-4 ✓ MW-227B
		PQL				
EPA Method 8021						
78124	Benzene	0.5	<0.5	<0.5	<0.5	<0.5
81555	Bromobenzene	0.5	<0.5	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<0.5	<0.5	<0.5	<0.5
34413	Bromomethane	0.5	<0.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.8	<0.8	<0.8	<0.8	<0.8
77350	sec-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77353	tert-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	<0.5	<0.5	<0.5	<0.5
32106	Chloroform	0.5	<0.5	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<0.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5	<0.5	<0.5

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ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID / Sample ID	PQL	9890-1 MW-27	9890-2 MW-27E ✓	9890-3 MW-27B ✓	9890-4 MW-227B ✓
EPA Method 8021							
34536	1,2-Dichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene		0.6	<0.6	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane		0.5	<0.5	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane		0.6	8.3	<0.6	<0.6	<0.6
32103	1,2-Dichloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene		0.5	<0.5	<0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene		0.6	22.5	432[a]	<0.6	<0.6
34546	trans-1,2-Dichloroethene		0.7	18.1	42.6	<0.7	<0.7
34541	1,2-Dichloropropane		0.5	<0.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane		0.5	<0.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane		0.7	<0.7	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene		0.5	<0.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene		0.5	<0.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene		0.5	<0.5	<0.5	<0.5	<0.5
78113	Ethylbenzene		0.5	8.1	<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		0.7	<0.7	<0.7	<0.7	<0.7
77223	Isopropylbenzene		0.5	<0.5	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene		0.5	<0.5	<0.5	<0.5	<0.5
34423	Methylene chloride		2.0	<2.0	3.1	<2.0	<2.0
34696	Naphthalene		0.7	1.5	<0.7	<0.7	<0.7

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3270

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 5, 1994
PURCHASE ORDER:
SEI NO: WL9890
DATE COLLECTED: 03/22/94
DATE RECEIVED: 03/23/94
DATE ANALYZED: 03/25/94

Matrix: Groundwater
Source: Chrysler

Units: µg/l (ppb)

DNR #	Analyte	SEI ID / Sample ID	PQL	9890-1 MW-27	9890-2 MW-27E ✓	9890-3 MW-27B ✓	9890-4 MW-227B ✓
EPA Method 8021							
77224	n-Propylbenzene		0.6	<0.6	<0.6	<0.6	<0.6
77128	Styrene		0.6	<0.6	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene		0.5	<0.5	<0.5	<0.5	<0.5
78131	Toluene		0.5	<0.5	<0.5	<0.5	<0.5
77613	1,2,3-Trichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane		0.5	11.6	<0.5	<0.5	<0.5
34511	1,1,2-Trichloroethane		0.5	<0.5	<0.5	<0.5	<0.5
39180	Trichloroethene		0.5	1.4	258[a]	17.4	21.2
34488	Trichlorofluoromethane		0.5	<0.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane		0.5	<0.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene		0.9	<0.9	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene		0.5	<0.5	<0.5	<0.5	<0.5
39175	Vinyl chloride		0.5	<0.5	37.0	<0.5	<0.5
77135	o-Xylenes		0.5	2.0	<0.5	<0.5	<0.5
85795	m & p Xylenes		0.5	<0.5	<0.5	<0.5	<0.5

[a] Elevated detection limits due to high analyte concentration; a 10x dilution necessary.

ORIGINAL

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-6 MW-44	9942-7[a] MW-18C	9942-8[b] MW-18	9942-9[b] MW-218
EPA Method 8021						
78124	Benzene	0.5	<0.5	<12.5	<25	<25
81555	Bromobenzene	0.5	<0.5	<12.5	<25	<25
77297	Bromochloromethane	0.5	<0.5	<12.5	<25	<25
32101	Bromodichloromethane	0.5	<0.5	<12.5	<25	<25
32104	Bromoform	0.5	<0.5	<12.5	<25	<25
14413	Bromomethane	0.5	<0.5	<12.5	<25	<25
77342	n-Butylbenzene	0.5	<0.5	<12.5	<25	<25
77350	sec-Butylbenzene	0.8	<0.8	<20	<40	<40
77353	tert-Butylbenzene	0.5	<0.5	<12.5	<25	<25
32102	Carbon tetrachloride	0.5	<0.5	<12.5	<25	<25
34301	Chlorobenzene	0.5	<0.5	<12.5	<25	<25
34306	Chlorodibromomethane	0.5	<0.5	<12.5	<25	<25
34311	Chloroethane	0.5	<0.5	<12.5	<25	<25
32106	Chloroform	0.5	<0.5	<12.5	<25	<25
34418	Chloromethane	0.5	<0.5	<12.5	<25	<25
77275	2-Chlorotoluene	0.5	<0.5	<12.5	<25	<25
77277	4-Chlorotoluene	0.5	<0.5	<12.5	<25	<25
38437	1,2-Dibromo-3-chloropropane	0.5	<0.5	<12.5	<25	<25
77651	1,2-Dibromoethane	0.5	<0.5	<12.5	<25	<25
77596	Dibromomethane	0.5	<0.5	<12.5	<25	<25

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SWANSON ENVIRONMENTAL INC.

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: A3424

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-6 MW-44	9942-7[a] MW-18C	9942-8[b] MW-18	9942-9[b] MW-218
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<0.5	<12.5	<25	<25
34566	1,3-Dichlorobenzene	0.5	<0.5	<12.5	<25	<25
34571	1,4-Dichlorobenzene	0.6	<0.6	<15	<30	<30
34668	Dichlorodifluoromethane	0.5	<0.5	<12.5	<25	<25
34496	1,1-Dichloroethane	0.6	<0.6	78	<30	<30
32103	1,2-Dichloroethane	0.5	<0.5	<12.5	<25	<25
34501	1,1-Dichloroethene	0.5	<0.5	<12.5	<25	<25
77093	cis-1,2-Dichloroethene	0.6	<0.6	625	1,060	1,160
34546	trans-1,2-Dichloroethene	0.7	<0.7	28	74.3	78
34541	1,2-Dichloropropane	0.5	<0.5	<12.5	<25	<25
77173	1,3-Dichloropropane	0.5	<0.5	<12.5	<25	<25
77170	2,2-Dichloropropane	0.7	<0.7	<17.5	<35	<35
77168	1,1-Dichloropropene	0.5	<0.5	<12.5	<25	<25
34704	cis-1,3-Dichloropropene	0.5	<0.5	<12.5	<25	<25
34699	trans-1,3-Dichloropropene	0.5	<0.5	<12.5	<25	<25
78113	Ethylbenzene	0.5	<0.5	<12.5	<25	<25
34391	Hexachlorobutadiene	0.7	<0.7	<17.5	<35	<35
77223	Isopropylbenzene	0.5	<0.5	<12.5	<25	<25
77356	p-Isopropyltoluene	0.5	<0.5	<12.5	<25	<25
34423	Methylene chloride	2.0	<2.0	<50	<100	<100
34696	Naphthalene	0.7	<0.7	<17.5	<35	<35

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9942
DATE COLLECTED: 03/24/94
DATE RECEIVED: 03/25/94
DATE ANALYZED: 04/01/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9942-6 MW-44	9942-7[a] MW-18C	9942-8[b] MW-18	9942-9[b] MW-218
EPA Method 8021						
77224	n-Propylbenzene	0.6	<0.6	<15	<30	<30
77128	Styrene	0.6	<0.6	<15	<30	<30
77562	1,1,1,2-Tetrachloroethane	0.5	<0.5	<12.5	<25	<25
34516	1,1,2,2-Tetrachloroethane	0.5	<0.5	<12.5	<25	<25
34475	Tetrachloroethene	0.5	<0.5	<12.5	<25	<25
78131	Toluene	0.1	<0.5	<12.5	<25	<25
77613	1,2,3-Trichlorobenzene	0.5	<0.5	<12.5	<25	<25
34551	1,2,4-Trichlorobenzene	0.5	<0.5	<12.5	<25	<25
34506	1,1,1-Trichloroethane	0.5	<0.5	<12.5	<25	<25
34511	1,1,2-Trichloroethane	0.5	<0.5	<12.5	<25	<25
39180	Trichloroethene	0.5	<0.5	345	615	664
34488	Trichlorofluoromethane	0.5	<0.5	<12.5	<25	<25
77443	1,2,3-Trichloropropane	0.5	<0.5	<12.5	<25	<25
77222	1,2,4-Trimethylbenzene	0.9	<0.9	<22.5	<45	<45
77226	1,3,5-Trimethylbenzene	0.5	<0.5	<12.5	<25	<25
39175	Vinyl Chloride	0.5	<0.5	86	363	371
77135	o-Xylenes	0.5	<0.5	<12.5	<25	<25
85795	m & p Xylenes	0.5	<0.5	<12.5	<25	<25

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ANALYTICAL REPORT

REPORT NUMBER: A3416

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9923
DATE COLLECTED: 03/23/94
DATE RECEIVED: 03/24/94
DATE ANALYZED: 03/28/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-17 MW-38	9923-18 MW-238	9923-19 Trip Blank
EPA Method 8021					
78124	Benzene	0.5	<0.5	<0.5	<0.5
81555	Bromobenzene	0.5	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<0.5	<0.5	<0.5
14413	Bromomethane	0.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	<0.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<0.8	<0.8	<0.8
77353	tert-Butylbenzene	0.5	<0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	34.6	32.7	<0.5
32106	Chloroform	0.5	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloroprop	0.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-17 MW-38	9923-18 MW-238	9923-19 Trip Blank
EPA Method 8021					
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	146[a]	153[a]	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	2.4	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	322[c]	300[c]	<0.6
34546	trans-1,2-Dichloroethene	0.7	12.0	11.3	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<0.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<2.0	<2.0	<2.0
34696	Naphthalene	0.7	<0.7	<0.7	<0.7

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Matrix: Groundwater
Source: Chrysler

Units: mg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-17 MW-38	9923-18 MW-238	9923-19 Trip Blank
EPA Method 8021					
77224	n-Propylbenzene	0.6	<0.6	<0.6	<0.6
77128	Styrene	0.6	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<0.5	<0.5	<0.5
78131	Toluene	1.0	<1.0	<1.0	<1.0
77613	1,2,3-Trichlorobenzene	0.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	1.2	1.7	<0.5
34511	1,1,2-Trichloroethane	0.5	<0.5	<0.5	<0.5
39180	Trichloroethene	0.5	<0.5	12.5	<0.5
34488	Trichlorofluoromethane	0.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	<0.5	<0.5	<0.5
39175	Vinyl Chloride	0.5	480[ch]	332[c]	<0.5
77135	o-Xylenes	0.5	<0.5	<0.5	<0.5
85795	m & p Xylenes	0.5	<0.5	<0.5	<0.5

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DATE RECEIVED: 03/24/94

Matrix: Groundwater
Source: Chrysler

[a] Elevated detection limits due to high analyte concentration; a 5x dilution necessary.
[b] Elevated detection limits due to high analyte concentration; a 100x dilution necessary.
[c] Elevated detection limits due to high analyte concentration; a 10x dilution necessary.
[d] Elevated detection limits due to high analyte concentration; a 200x dilution necessary.
[e] Elevated detection limits due to high analyte concentration; a 500x dilution necessary.
[f] Elevated detection limits due to high analyte concentration; a 250x dilution necessary.
[g] Elevated detection limits due to high analyte concentration; a 1,000x dilution necessary.
[h] Sample over calibration

Clark J. Crosby
Laboratory Manager

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-13 MW-36A	9923-14 MW-31	9923-15[d] MW-35B	9923-16 MW-29A
EPA Method 8021						
78124	Benzene	0.5	<0.5	<0.5	9,400[f]	<0.5
81555	Bromobenzene	0.5	<0.5	<0.5	<100	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5	<100	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5	<100	<0.5
32104	Bromoform	0.5	<0.5	<0.5	<100	<0.5
14413	Bromomethane	0.5	<0.5	<0.5	<100	<0.5
77342	n-Butylbenzene	0.5	<0.5	<0.5	505	<0.5
77350	sec-Butylbenzene	0.8	<0.8	<0.8	<160	<0.8
77353	tert-Butylbenzene	0.5	<0.5	<0.5	<100	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5	<100	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5	<100	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5	<100	<0.5
34311	Chloroethane	0.5	<0.5	<0.5	<100	<0.5
32106	Chloroform	0.5	<0.5	<0.5	<100	<0.5
34418	Chloromethane	0.5	<0.5	<0.5	<100	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5	<100	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5	<100	<0.5
38437	1,2-Dibromo-3-chloroprop	0.5	<0.5	<0.5	<100	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5	<100	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5	<100	<0.5

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DATE ANALYZED: 03/28/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-13 MW-36A	9923-14 MW-31	9923-15[d] MW-35B	9923-16 MW-29A
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5	<100	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5	<100	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6	<120	<0.6
34668	Dichlorodifluoromethane	0.5	<0.5	<0.5	<100	<0.5
34496	1,1-Dichloroethane	0.6	<0.6	<0.6	<120	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5	<100	<0.5
34501	1,1-Dichloroethene	0.5	<0.5	<0.5	<100	<0.5
77093	cis-1,2-Dichloroethene	0.6	18.8	5.7	1,280	<0.6
34546	trans-1,2-Dichloroethene	0.7	<0.7	<0.7	<140	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5	<100	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5	<100	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7	<140	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5	<100	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<100	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<100	<0.5
78113	Ethylbenzene	0.5	<0.5	<0.5	375	<0.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7	<140	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5	<100	<0.5
77356	p-Isopropyltoluene	0.5	<0.5	<0.5	<100	<0.5
34423	Methylene chloride	2.0	<2.0	<2.0	<400	<2.0
34696	Naphthalene	0.7	<0.7	<0.7	908	<0.7

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DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9923
DATE COLLECTED: 03/23/94
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DATE ANALYZED: 03/28/94

Matrix: Groundwater
Source: Chrysler

Units: mg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-13 MW-36A	9923-14 MW-31	9923-15[d] MW-35B	9923-16 MW-29A
EPA Method 8021						
77224	n-Propylbenzene	0.6	<0.6	<0.6	<120	<0.6
77128	Styrene	0.6	<0.6	<0.6	<120	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<0.5	<0.5	<100	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5	<100	<0.5
34475	Tetrachloroethene	0.5	<0.5	<0.5	<100	<0.5
78131	Toluene	1.0	<1.0	<1.0	10,430[f]	<1.0
77613	1,2,3-Trichlorobenzene	0.5	<0.5	<0.5	<100	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<0.5	<0.5	<100	<0.5
34506	1,1,1-Trichloroethane	0.5	<0.5	<0.5	191	<0.5
34511	1,1,2-Trichloroethane	0.5	<0.5	<0.5	<100	<0.5
39180	Trichloroethene	0.5	<0.5	3.1	414	<0.5
34488	Trichlorofluoromethane	0.5	<0.5	<0.5	<100	<0.5
77443	1,2,3-Trichloropropane	0.5	<0.5	<0.5	<100	<0.5
77222	1,2,4-Trimethylbenzene	0.9	<0.9	<0.9	4,510	<0.9
77226	1,3,5-Trimethylbenzene	0.5	<0.5	<0.5	974	<0.5
39175	Vinyl Chloride	0.5	16.1	<0.5	<100	<0.5
77135	o-Xylenes	0.5	<0.5	<0.5	5,080	<0.5
85795	m & p Xylenes	0.5	<0.5	<0.5	9,220[f]	<0.5

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-9 MW-40	9923-10 MW-12	9923-11 MW-30	9923-12 MW-29
EPA Method 8021						
78124	Benzene	0.5	<0.5	<0.5	<0.5	<0.5
81555	Bromobenzene	0.5	<0.5	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<0.5	<0.5	<0.5	<0.5
14413	Bromomethane	0.5	<0.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<0.8	<0.8	<0.8	<0.8
77353	tert-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	7.7	<0.5	<0.5	<0.5
32106	Chloroform	0.5	<0.5	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<0.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5	<0.5	<0.5

ORIGINAL

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WDNR Certification #268181760

ANALYTICAL REPORT REPORT NUMBER: A3416

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

Attn: Mr. Rick Binder
Project #W943163.009

DATE: April 15, 1994
PURCHASE ORDER:
SEI NO: WL9923
DATE COLLECTED: 03/23/94
DATE RECEIVED: 03/24/94
DATE ANALYZED: 03/28/94

Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-9 MW-40	9923-10 MW-12	9923-11 MW-30	9923-12 MW-29
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	30.9	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	29.9	<0.6	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	3.2	<0.6	<0.6	<0.6
34546	trans-1,2-Dichloroethene	0.7	<0.7	<0.7	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<0.5	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<2.0	<2.0	<2.0	<2.0
34696	Naphthalene	0.7	<0.7	<0.7	<0.7	<0.7

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID	PQL	9923-9 MW-40	9923-10 MW-12	9923-11 MW-30	9923-12 MW-29
EPA Method 8021							
77224	n-Propylbenzene		0.6	<0.6	<0.6	<0.6	<0.6
77128	Styrene		0.6	<0.6	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane		0.5	<0.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene		0.5	1.0	<0.5	<0.5	<0.5
78131	Toluene		1.0	<1.0	<1.0	<1.0	<1.0
77613	1,2,3-Trichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene		0.5	<0.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane		0.5	2.9	<0.5	<0.5	<0.5
34511	1,1,2-Trichloroethane		0.5	<0.5	<0.5	<0.5	<0.5
39180	Trichloroethene		0.5	2.8	<0.5	<0.5	<0.5
34488	Trichlorofluoromethane		0.5	<0.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane		0.5	<0.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene		0.8	<0.8	<0.8	<0.8	<0.8
77226	1,3,5-Trimethylbenzene		0.5	<0.5	<0.5	<0.5	<0.5
39175	Vinyl Chloride		0.5	<0.5	<0.5	<0.5	<0.5
77135	o-Xylenes		0.5	<0.5	<0.5	<0.5	<0.5
85795	m & p Xylenes		0.5	<0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-5[d] MW-45	9923-6 MW-21A	9923-7 MW-25	9923-8 MW-41
EPA Method 8021						
78124	Benzene	0.5	6,291	<0.5	<0.5	<0.5
81555	Bromobenzene	0.5	<100	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<100	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<100	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<100	<0.5	<0.5	<0.5
14413	Bromomethane	0.5	<100	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	1,260	<0.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<0.8	<0.8	<0.8	<0.8
77353	tert-Butylbenzene	0.5	3,920	<0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<100	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<100	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<100	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	<100	1.3	<0.5	<0.5
32106	Chloroform	0.5	<100	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<100	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<100	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<100	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<100	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<100	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<100	<0.5	<0.5	<0.5

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-5[d] MW-45	9923-6 MW-21A	9923-7 MW-25	9923-8 MW-41
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<100	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<100	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<120	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<100	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	<120	<0.6	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<100	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<100	<0.5	8.9	<0.5
77093	cis-1,2-Dichloroethene	0.6	150,000[g]	54.3[a]	729[b]	<0.6
34546	trans-1,2-Dichloroethene	0.7	<140	1.6	709[b]	<0.7
34541	1,2-Dichloropropane	0.5	<100	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<100	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<140	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<100	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<100	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<100	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	7,680	<0.5	<0.5	<0.5
34391	Hexachlorobutadiene	0.7	<140	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	614	<0.5	<0.5	<0.5
77356	p-Isopropyltoluene	0.5	<100	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<400	<2.0	<2.0	<2.0
34696	Naphthalene	0.7	863	<0.7	<0.7	<0.7

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-5[d] MW-45	9923-6 MW-21A	9923-7 MW-25	9923-8 MW-41
EPA Method 8021						
77224	n-Propylbenzene	0.6	996	<0.6	<0.6	<0.6
77128	Styrene	0.6	<120	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<100	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<100	<0.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<100	<0.5	<0.5	<0.5
78131	Toluene	0.1	3,230	<0.5	<0.5	<0.5
77613	1,2,3-Trichlorobenzene	0.5	<100	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<100	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	<100	0.8	<0.5	<0.5
34511	1,1,2-Trichloroethane	0.5	<100	<0.5	<0.5	<0.5
39180	Trichloroethene	0.5	23,900[e]	<0.5	134[b]	<0.5
34488	Trichlorofluoromethane	0.5	<100	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<100	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	<180	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	1,140	<0.5	<0.5	<0.5
39175	Vinyl Chloride	0.5	6,340	9.4	1,090[b]	<0.5
77135	o-Xylenes	0.5	1,730	<0.5	<0.5	<0.5
85795	m & p Xylenes	0.5	4,350[e]	<0.5	<0.5	<0.5

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Matrix: Groundwater
Source: Chrysler

Units: mg/L (ppm)

Analyte	SEI ID / Sample ID	9923-1 MW-43	9923-2 MW-19	9923-3 MW-17
Cyanide, Total		0.106	<0.0035	<0.0035

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-1 MW-43	9923-2 MW-19	9923-3 MW-17	9923-4 MW-21
EPA Method 8021						
78124	Benzene	0.5	<0.5	<0.5	<0.5	2.8
81555	Bromobenzene	0.5	<0.5	<0.5	<0.5	<0.5
77297	Bromochloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32101	Bromodichloromethane	0.5	<0.5	<0.5	<0.5	<0.5
32104	Bromoform	0.5	<0.5	<0.5	<0.5	<0.5
14413	Bromomethane	0.5	<0.5	<0.5	<0.5	<0.5
77342	n-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
77350	sec-Butylbenzene	0.8	<0.8	<0.8	<0.8	<0.8
77353	tert-Butylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
32102	Carbon tetrachloride	0.5	<0.5	<0.5	<0.5	<0.5
34301	Chlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34306	Chlorodibromomethane	0.5	<0.5	<0.5	<0.5	<0.5
34311	Chloroethane	0.5	<0.5	0.8	<0.5	<0.5
32106	Chloroform	0.5	0.8	<0.5	<0.5	<0.5
34418	Chloromethane	0.5	<0.5	<0.5	<0.5	<0.5
77275	2-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
77277	4-Chlorotoluene	0.5	<0.5	<0.5	<0.5	<0.5
38437	1,2-Dibromo-3-chloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77651	1,2-Dibromoethane	0.5	<0.5	<0.5	<0.5	<0.5
77596	Dibromomethane	0.5	<0.5	<0.5	<0.5	<0.5

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-1 MW-43	9923-2 MW-19	9923-3 MW-17	9923-4 MW-21
EPA Method 8021						
34536	1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34566	1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34571	1,4-Dichlorobenzene	0.6	<0.6	<0.6	<0.6	<0.6
34668	Dichlorodifluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
34496	1,1-Dichloroethane	0.6	1.3	3.1	<0.6	<0.6
32103	1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34501	1,1-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
77093	cis-1,2-Dichloroethene	0.6	2.9	5.7	<0.6	2.3
34546	trans-1,2-Dichloroethene	0.7	1.3	1.2	<0.7	<0.7
34541	1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77173	1,3-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77170	2,2-Dichloropropane	0.7	<0.7	<0.7	<0.7	<0.7
77168	1,1-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34704	cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
34699	trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
78113	Ethylbenzene	0.5	<0.5	<0.5	<0.5	2.5
34391	Hexachlorobutadiene	0.7	<0.7	<0.7	<0.7	<0.7
77223	Isopropylbenzene	0.5	<0.5	<0.5	<0.5	2.8
77356	p-Isopropyltoluene	0.5	<0.5	<0.5	<0.5	<0.5
34423	Methylene chloride	2.0	<2.0	<2.0	<2.0	<2.0
34696	Naphthalene	0.7	<0.7	<0.7	<0.7	<0.7

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Matrix: Groundwater
Source: Chrysler

Units: µg/L (ppb)

DNR #	Analyte	SEI ID / Sample ID / PQL	9923-1 MW-43	9923-2 MW-19	9923-3 MW-17	9923-4 MW-21
EPA Method 8021						
77224	n-Propylbenzene	0.6	<0.6	<0.6	<0.6	<0.6
77128	Styrene	0.6	<0.6	<0.6	<0.6	<0.6
77562	1,1,1,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34516	1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5	<0.5
34475	Tetrachloroethene	0.5	<0.5	<0.5	<0.5	0.9
78131	Toluene	1.0	<1.0	<1.0	<1.0	<1.0
77613	1,2,3-Trichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34551	1,2,4-Trichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
34506	1,1,1-Trichloroethane	0.5	<0.5	0.8	<0.5	<0.5
34511	1,1,2-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
39180	Trichloroethene	0.5	2.5	29.1	<0.5	1.0
34488	Trichlorofluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
77443	1,2,3-Trichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
77222	1,2,4-Trimethylbenzene	0.9	<0.9	<0.9	<0.9	<0.9
77226	1,3,5-Trimethylbenzene	0.5	<0.5	<0.5	<0.5	<0.5
39175	Vinyl Chloride	0.5	<0.5	<0.5	<0.5	1.5
77135	o-Xylenes	0.5	<0.5	<0.5	<0.5	<0.5
85795	m & p Xylenes	0.5	<0.5	<0.5	<0.5	<0.5

ORIGINAL

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
W143163.009	CHRYSLER

SAMPLERS: VLJ, GJM

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: VOC's (8021)	CYANIDE (335.2)	DRO (WIDNR MODIFIED)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	MW-20	3/24/94	1425		X	MW-20 ✓	3	X	X		GROUNDWATER
	MW-220	3/24/94	1425		X	MW-220 ✓	1		X		
	MW-14	3/24/94	1635		X	MW-14 ✓	3	X	X		
	MW-16	3/24/94	1624		X	MW-16 ✓	3	X	X		
	MW-216	3/24/94	1624		X	MW-216 ✓	3	X	X		
	MW-44	3/24/94	1525		X	MW-44 ✓	3	X		X	
	MW-18C	3/24/94	1125		X	MW-18C ✓	3	X	X		
	MW-18	3/24/94	1415		X	MW-18 ✓	3	X	X		
	MW-218	3/24/94	1415		X	MW-218 ✓	2	X			
	MW-11	3/24/94	1045		X	MW-11 ✓	2	X			
	MW-18D	3/24/94	1135		X	MW-18D ✓	3	X	X		
	MW-18A	3/24/94	1147		X	MW-18A ✓	2	X			
	MW-18B	3/24/94	1214		X	MW-18B ✓	2	X			

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
[signature]	3/25/94		/
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
[signature]	3/25/94		/

SPECIAL REQUESTS:

REPORT TO: RICK BINDER

NAME: TRIAD ENGINEERING

ADDRESS: 325 E. CHICAGO ST.
MILWAUKEE, WI 53202

PHONE: 291-8840 **FAX:** 291-8841

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
0193163.009	CHRYSLER

SAMPLERS: VLJ, GJM

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: VOCs (8021)	TEST PARAMETERS: CYANIDE (335.2)	SAMPLE TYPE
	MW-16A	3/24/94	1640		X	MW-16A ✓	3	X	X	GROUND WATER
		3/24/94				TRIP BLANK	1	X		

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
[signature]	3/25/94 10:40		
RECEIVED BY: [signature]	DATE / TIME 3/25/94 10:40	RECEIVED BY:	DATE / TIME

SPECIAL REQUESTS:

REPORT TO: RICK BINDER

NAME: TRIAD ENGINEERING

ADDRESS: 325 E. CHICAGO ST.
MILWAUKEE, WI 53202

PHONE: 291-8840 FAX: 291-8841

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Brookfield, WI 53045
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SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
W943163.009	CHRYSLER / Triad Engineering, Inc.

SAMPLERS: VJ, GM, DT

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: VOCs (8021)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	MW-27	3/22/94	1246			MW-27 ✓	2	X	GROUNDWATER
	MW-27E	3/22/94	1325			MW-27E ✓	2	X	
	MW-27B	3/22/94	1322			MW-27B	2	X	
	MW-227B	3/22/94	1322			MW-227B ✓ [redacted]	2	X	
	MW-28	3/22/94	1355			MW-28 ✓	2	X	
	MW-27A	3/22/94	1410			MW-27A ✓	2	X	
	MW-27D	3/22/94	1525			MW-27D ✓	2	X	
	MW-26	3/22/94	1440			MW-26 ✓	2	X	
	MW-11B	3/22/94	1455			MW-11B ✓	2	X	
	MW-11A	3/22/94	1436			MW-11A ✓	2	X	
	MW-27C	3/22/94	1402			MW-27C ✓	2	X	
	TRIP BLANK	3/17/94				TRIP BLANK ✓	1	X	

SAMPLE CONDITION:

SAMPLE LOCATION: *

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	SPECIAL REQUESTS:
[signature]	3/22/94 1720	[signature]		
RECEIVED BY: [signature]	DATE / TIME 3/22/94 1720	RECEIVED BY: [signature]	DATE / TIME 3/23 1055	

REPORT TO: RICK BINDER

NAME: TRIAD ENGINEERING

ADDRESS: 325 E. CHICAGO ST.
MILWAUKEE, WI 53202

PHONE: 291-8840 FAX: 291-8241

LABORATORY
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Brookfield, WI 53045
(414) 783-6111
Fax (414) 783-5752

SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
W743163.009	CHRYSLER

SAMPLERS: VJ, GM

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: CYANIDE (335.2)	TEST PARAMETERS: VOC'S (8021)	SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	MW-43	3/23/94	1150		X	MW-43 ✓	3	X	X	GROUNDWATER
	MW-19	3/23/94	1150		X	MW-19 ✓	3	X	X	
	MW-17	3/23/94	1030		X	MW-17 ✓	3	X	X	
	MW-21	3/23/94	1056		X	MW-21 ✓	2		X	
	MW-45	3/23/94	1027		X	MW-45 ✓	2		X	
	MW-21A	3/23/94	1123		X	MW-21A ✓	2		X	
	MW-25	3/23/94	1230		X	MW-25 ✓	2		X	
	MW-41	3/23/94	1420		X	MW-41 ✓	2		X	
	MW-40	3/23/94	1449		X	MW-40 ✓	2		X	
	MW-12	3/23/94	1455		X	MW-12 ✓	2		X	
	MW-30	3/23/94	1530		X	MW-30 ✓	2		X	
	MW-29	3/23/94	1600		X	MW-29 ✓	2		X	
	MW-26A	3/23/94	1645		X	MW-26-A ✓	2		X	

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
[signature]	3/24/94 7:30	[signature]	3/24/94 12:40
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
[signature]	3/24/94 12:40	[signature]	3/24/94 1400

SPECIAL REQUESTS:

REPORT TO: RICK BINDER

NAME: TRIAD ENGINEERING

ADDRESS: 325 E. CHICAGO ST.
MILWAUKEE, WI 53202

PHONE: 291-8840 FAX: 291-8841

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Brookfield, WI 53045
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Fax (414) 783-5752

SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
W743163.007	CHRYSLER

SAMPLERS: VJ, GM

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: VOCs (8021)	VOCs (8021)	DRO (WDNR Mod.)						SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
	MW-31	3/23/94	1523		X	MW-31 ✓	2	X								GROUNDWATER
	MW-35B	3/23/94	1342		X	MW-35B ✓	2	X								↓
	MW-29A	3/23/94	1540		X	MW-29A ✓	2	X								
	MW-38	3/23/94	1345		X	MW-38 ✓	2	X								
	MW-238	3/23/94	1345		X	MW-238 ✓	2	X								
		3/22/94	1625		X	CB-GRAVEL	1		X							SOIL
		3/22/94	1625		X	CB-GRAVEL	1			X						SOIL
		3/17/94			X	TRIP BLANK	1	X								GROUNDWATER

SAMPLE CONDITION: Cyanide samples were field filtered
VOC samples preserved with HCl

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
[signature]	3/24/94 7:30	[signature]	3/24/94 12:00
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
[signature]	3/24/94 10:00	[signature]	3/24/94 1400

SPECIAL REQUESTS:

REPORT TO: RICK BINDER

NAME: TRIAD ENGINEERING

ADDRESS: 325 E. CHICAGO ST.
MILWAUKEE, WI 53202

PHONE: 291-8840 FAX: 291-8841

LABORATORY
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Brookfield, WI 53045
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Fax (414) 783-5752

SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
93163.9	CHRYSLER

SAMPLERS: VAL JANSEN/GREG MEINHOLZ

SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TEST PARAMETERS: BTEX	SAMPLE TYPE
		4/27/94	1355						
		↓	1145						
			1315			~~SEMI~~ MW-5R	2	X	
		↓	—			TRIP BLANK	2	X	

SAMPLE CONDITION:

SAMPLE LOCATION:

RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME
Valerie Jansen	/		/
RECEIVED BY:	**DATE / TIME**	**RECEIVED BY:**	**DATE / TIME**
	4/28 12:10		/

SPECIAL REQUESTS: ⊗ NO HCl preservative in containers - were not sent from SEI also (see below)*

REPORT TO:

NAME: RICK BINDER/VAL JANSEN

ADDRESS: TRIAD

PHONE:

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

SWANSON ENVIRONMENTAL INC.

⊗ we need results of MW-5R by MON, 5/2 and ASAP ON SUMP 2 and SUMP 3 due to NO HCL preservative (as per conversation with Debbi Keaton.)

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1994 March Sampling
Project Number: W943163.009
Location: Kenosha, Wisconsin
Field Equipment:
pH: SCHOTT Model 819
Conductivity: Hanna Meter
Temperature: PSI 307055 USA
Samplers:
Valerie Jansen,
Greg Meinholz, Jim Tobin

Sampling and Field Measurement/Observation

Sample Lccation Identification:	MW-1	MW-2	MW-3	MW-4
Water Type		Gndwtr		Gndwtr
Date	Well	3/24/94	Well	3/24/94
Sampled by	has been	VLJ	abandoned	VLJ
Reference Elevation (Top of riser etc.)	abandoned	TOR	4/22/94	TOR
Measured Depth to Water (ft.)		7.12		11.06
Measured Well Depth (ft.)				
Purging/Sampling Device(s)		casing full		casing full
Well Casing Volumes/Gallons Purged		of Surface		of Surface
Well Purged Dry? (Y/N)		Water		Water
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-5R	MW-5A	MW-6	MW-6A	MW-6B	MW-6C	MW-7
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr		Gndwtr	Gndwtr
3/24/94	4/27/94	3/23/94	3/24/94	3/24/94	Well	3/24/94	3/24/94
VLJ	VLJ	VLJ	GJM	GJM	has been	GJM	GJM
	TOR	TOR	TOR	TOR	abandoned	TOR	TOR
Well Screen	13.59	12.81	4.63	7.57		7.53	3.00
was silted	19.86						
shut to	Bailer		casing full				
10.98 feet	12		of Surface				
below TOR	Y		Water				
	1313						
Replaced	1315						
by 5R	10						
4/19/94	1320						
	1795						
	6.89						
	---						
	colorless						
	NONE						
	Very slight						

	BETX 2-40ml VIALS clear glass Unfiltered HCL On Ice						

	SWANSON						
	4/28/94						
	COURIER						

Form-1

MW-8	MW-8A	MW-10	MW-11	MW-11A	MW-11B	MW-11C	MW-12
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr		Gndwtr
3/24/94	3/24/94	3/23/94	3/24/94	3/22/94	3/22/94	Well	3/23/94
VLJ	GJM	GJM	VLJ/GJM	GJM	JT	replaced	GJM
TOR	TOR	TOR	TOR	TOR	TOR	and	TOR
4.10	9.08	KECK Probe	6.29	5.85	4.96	relocated	11.37
		Product level	13.52	14.55	15.85	5-6-94	19.95
casing full		8.73	Bailer	Bailer	Bailer	New Well	Bailer
of Surface		Water	4.9	5.9	7.3	designated	5.8
Water		level at	N	Y	N	MW-11CR	N
		19.29	1040	1433	1450		1450
			1045	1436	1455		1455
			8	15	12		10
			639	474	309		1184
			6.74	7.00	7.02		7.06
			Gray/Blk	Lt.Gray	Lt. Brown		Lt. Brown
		Heavy OIL	Moderate	very slight	NO ODOR		Sl. old tires
			Moderate				Moderate

			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
			3/25/94	3/23/94	3/23/94		9/24/93
			H.D.	COURIER	COURIER		H.D.

Form-1

				Duplicate MW-216			
MW-13	MW-13A	MW-14	MW-15	MW-16	MW-16A	MW-17	MW-17A
	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	
Well	3/24/94	3/24/94	3/23/94	3/24/94	3/24/94	3/22/94	BENT
has been	GJM	VLJ/GJM	GJM	GJM	VLJ	VLJ	PIPE
abandoned	TOR	TOR	TOR	TOR	TOR	TOR	NO
	9.71	5.01	10.03	4.95	8.32	4.92	LEVEL
		13.11		13.51	16.82	13.06	
		Bailer		Bailer	Bailer	Bailer	Repaired
		5.5		5.8	5.7	5.5	4/22/94
		N		N	N	N	
		1630		1620	1635	1035	
		1635		1624	1640	1040	
		8		8	7	9	
		597		413	1073	1828	
		7.32		7.25	7.45	7.09	
		Gray		Lt. Brown	Lt. Brown	Lt. Brown	
		NO ODOR		NO ODOR	NO ODOR	NO ODOR	
		Slight		NONE	NONE	Moderate	

		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	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	
		3/25/94		3/25/94	3/25/94	3/23/94	
		H.D.		H.D.	H.D.	COURIER	

Form-1

							Product level @ 8.94 Ft.
	VOCs Duplicate MW-218			Free Product @ 9.35 Ft.			Cyanide Duplicate MW-220
MW-17B	MW-18	MW-18A	MW-18B	MW-18C	MW-18D	MW-19	MW-20
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
3/22/94	3/24/94	3/24/94	3/24/94	3/24/94	3/24/94	3/22/94	3/24/94
VJ/JT/GM	VLJ	GJM	GJM	GJM	VLJ	VLJ/GJM	GJM
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
8.85	7.52	12.80	10.77	11.49	9.35	5.17	9.16
16.20	13.56	19.92	16.70	16.20	15.66	13.58	13.82
	Bailer	Bailer	Bailer	Bailer	Bailer	Bailer	Bailer
	4.1	4.8	4.1	3.3	4.3	5.7	3.4
	N	N	N	N	N	N	N
	1410	1143	1212	1121	1130	1148	1420
	1415	1147	1214	1125	1135	1150	1425
	8	9	8	7	7	8	9
	892	708	1439	991	412	2700	691
	6.95	6.71	6.84	6.63	6.71	7.02	6.92
	gray	Lt. Brown	Brown	Gray/Brn	green/gray	Lt. Brown	Clear
NO ODOR	SL-MOD	NO ODOR	NO ODOR	Strong Oil	Strong	NO ODOR	Moderate
	SL-MOD	NONE	NONE	Moderate	Mod/Hvy		very slight
	trace sheen			Product			Sl. Sheen

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

	SEI	SEI	SEI	SEI	SEI	SEI	SEI
	3/25/94	3/25/94	3/25/94	3/25/94	3/25/94	3/23/94	3/25/94
	H.D.	H.D.	H.D.	H.D.	H.D.	COURIER	H.D.

MW-21	MW-21A	MW-22	MW-23	MW-24	MW-24A	MW-25	MW-26
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
3/22/94	3/22/94	3/23/94	3/24/94	9/22/93	3/24/94	3/23/94	3/22/94
VLJ/GJM	VLJ/GJM	GJM	GJM	VLJ/GJM	GJM	VLJ	VLJ
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
9.80	9.76	2.48	8.63	1.93	6.03	11.70	9.33
15.96	16.15					19.49	17.05
Bailer	Bailer			casing full		Bailer	Bailer
4.2	4.4			of Surface		5.3	5.2
Y	Y			Water		N	N
1050	1120					1228	1435
1056	1123					1230	1440
10	9					10	11
924	703					997	515
7.11	6.93					6.86	7.23
Lt. Brown	Lt. Brown					Lt. Gray	Lt. Brown
Fuel like	NO ODOR					Rotten Egg	NO ODOR
							Moderate

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
3/23/94	3/23/94					3/24/93	3/23/94
COURIER	COURIER					COURIER	COURIER

		Duplicate MW-227B					
MW-27	MW-27A	MW-27B	MW-27C	MW-27D	MW-27E	MW-28	MW-29
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
3/22/94	3/22/94	3/22/94	3/22/94	3/22/94	3/22/94	3/22/94	3/22/94
VLJ	VLJ	GJM	GJM	VLJ	VLJ	JPT	VLJ
TOR	TOR	TOR	TOR	TOR	TOR	TOR	TOR
9.99	9.97	8.37	9.99	13.50	15.60	8.11	8.58
16.45	17.69	16.84	20.09	21.71	23.00	17.85	20.57
Bailer	Bailer	Bailer	Bailer	Bailer	Bailer	Bailer	Bailer
4.4	5.2	5.7	6.8	5.6	5	6.6	8.1
N	Y	Y	N	N	Y	Y	N
1245	1405	1320	1359	1525	1320	1350	1555
1246	1410	1322	1402	1526	1325	1355	1600
11	11	12	12	13	12	13	9
148	482	241	412	1074	651	996	791
6.85	7.29	7.10	6.99	6.69	7.06	7.25	7.42
Lt. Gray	Lt. Br/Gray	Lt. Brown	Clear	Lt. Brown	Lt. Brown	Lt. Brown	Lt. gray-Brn
NO ODOR	NO ODOR	NO ODOR	NO ODOR	NO ODOR	NO ODOR	NO ODOR	NO ODOR
Slight	Mod/High				Moderate	Slight	Sl-Mod

VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)
2-40 ml vials	2-40 ml vials	4-40 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
3/23/94	3/23/94	3/23/94	3/23/94	3/23/94	3/23/94	3/23/94	3/23/94
COURIER	COURIER	COURIER	COURIER	COURIER	COURIER	COURIER	COURIER

							Duplicate MW-238
MW-29A	MW-30	MW-31	MW-34R	MW-35B	MW-36A	MW-37	MW-38
Gndwtr	Gndwtr	Gndwtr		Gndwtr	Gndwtr	Gndwtr	Gndwtr
3/22/94	3/23/94	3/23/94	Under A	3/23/94	3/23/94	3/23/94	3/23/94
GJM	VLJ	GJM	Snow Bank	GJM	VLJ	GJM	VLJ
TOR	TOR	TOR	& ICE &	TOR	TOR	TOR	TOR
10.64	9.90	11.60	Asphalt	9.13	11.86	8.98	9.13
22.40	21.73	21.58		18.08	17.60		17.11
Bailer	Bailer	Bailer		Bailer	Bailer		Bailer
7.9	7.9	6.7		6	3.9	Could Not	5.2
N	N	N		N	N	Sample	N
1535	1525	1520		1340	1641	(Riser Bent)	1342
1540	1530	1523		1342	1645		1345
9	8	9		8	9		8
587	820	1178		619	938		1012
7.29	7.17	7.08		6.91	7.02		6.96
Lt. gray-Brn	Lt. gray-Brn	Clear		Clear	Brown		Lt. gray-Brn
NO ODOR	NO ODOR	NO ODOR		Diesel	NO ODOR		Slight
Moderate	Moderate			Moderate	Slight		Sl-Mod
				Oil Sheen			

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		4-40 ml vials
clear glass	clear glass	clear glass		clear glass	clear glass		clear glass
unfiltered	unfiltered	unfiltered		unfiltered	unfiltered		unfiltered
HCl	HCl	HCl		HCl	HCl		HCl
on ice	on ice	on ice		on ice	on ice		on ice

SEI	SEI	SEI		SEI	SEI		SEI
3/23/94	3/24/94	3/24/94		3/24/94	3/24/94		3/24/94
COURIER	COURIER	COURIER		COURIER	COURIER		COURIER

Form-1

MW-40	MW-41	MW-43	MW-44	MW-45	SUMP 1	SUMP 2	SUMP 3
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr		Gndwtr	Gndwtr
3/23/94	3/23/94	3/23/94	3/24/94	3/23/94	Removed	3/24/94	3/24/94
GJM	VLJ	VLJ	GJM	GJM	with trench	GJM	VLJ
TOR	TOR	TOR	TOR	TOR	Excavation	TOR	TOR
9.07	9.40	8.51	8.85	9.66		10.77	22.73
15.95	17.11	16.15	14.31	18.05			
Bailer	Bailer	Bailer	Bailer	Bailer			
4.7	5.2	5.2	3.7	5.7			
N	N	N	N	N			
1447	1415	1145	1520	1025			
1449	1420	1150	1525	1027			
7	9	9	8	10			
1323	701	469	2170	1029			
6.97	7.00	7.07	6.55	6.66			
Lt. Brown	Lt. gray-Brn	Lt. gray brown	Lt. Gray	Gray			
Fuel Like	Sl.-Old tires	Slight	NO ODOR	Strong			
Slight	Moderate	Slight	Very Slight	Slight			
				Oil Sheen			

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

SEI	SEI	SEI	SEI	SEI			
3/24/94	3/24/94	3/24/94	3/25/94	3/24/94			
COURIER	COURIER	COURIER	H.D.	COURIER			

SUMP 4	SUMP 5	SUMP 5A	SUMP 5B	SUMP 5C	SUMP 6	OBS. SUMP	OW-1
Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr		
3/23/94	3/23/94	3/23/94	3/23/94	3/23/94	3/22/94	Did Not	GONE!
GJM	GJM	GJM	GJM	GJM	GJM	Sample	Buried in
TOR	TOR	TOR		TOR	TOR		Trench
8.87	7.96	8.30	Product from	10.11	10.25		
			10.26 to				
			17.10				

Form-1

OW-2	OW-3	OW-4	OW-5	OW-6	OW-7
	Gndwtr	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Did Not	3/23/94	3/23/94	3/23/94	3/22/94	3/22/94
Sample	GJM	GJM	GJM	GJM	GJM
	TOR	TOR	TOR	TOR	TOR
	8.43	8.27	7.85	10.74	11.11
				Solvent like	NO ODOR

ATTACHMENT C

SOIL BORING LOGS, BORING ABANDONMENT AND MONITORING WELL CONSTRUCTION FORMS

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: CHRYSLER- KENOSHA	Local Grid Location of Well: 22853.8516 ft. ☒ N ☐ S. 25812075518 ft. ☒ E. ☐ W.	Well Name: MW-5R
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ___ Long. ___ or St. Plane ___ ft. N. ___ ft. E.	Wis. Unique Well Number / DNR Well Number: _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 36, T. 2 N. R. 22 ☒ E. ☐ W.	Date Well Installed: 04/19/94 (m m d d y y)
Distance Well Is From Waste/Source Boundary: ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☒ Not Known	Well Installed By: (Person's Name and Firm): SAUTER DRILLING, INC. RICK KRIOFSKE
Is Well A Point of Enforcement Std. Application? ☒ Yes ☐ No		

A. Protective pipe, top elevation 621.03 ft. MSL
B. Well casing, top elevation 620.57 ft. MSL
C. Land surface elevation 621.0 ft. MSL
D. Surface seal, bottom 621.0 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☒ ML ☐ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

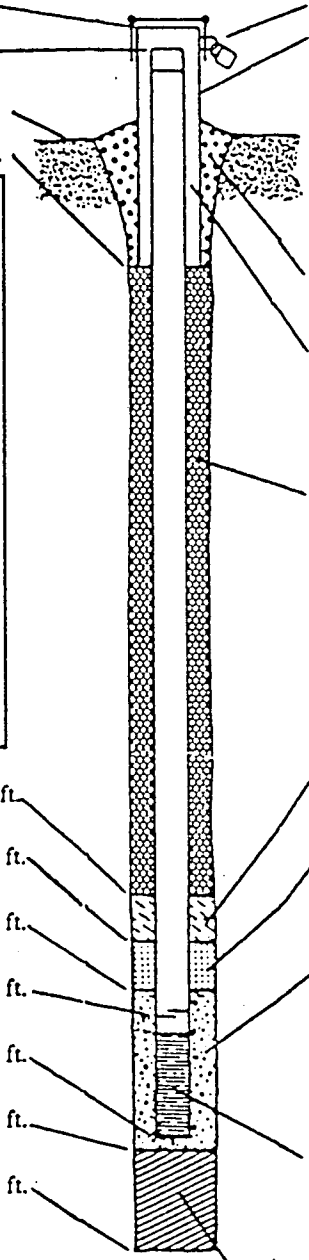
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; 8¼" HSA; Other ☐

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):

E. Bentonite seal, top ___ ft. MSL or 1.0 ft.
F. Fine sand, top ___ ft. MSL or ___ ft.
G. Filter pack, top ___ ft. MSL or 7.0 ft.
H. Screen joint, top ___ ft. MSL or 10.0 ft.
I. Well bottom ___ ft. MSL or 20.0 ft.
J. Filter pack, bottom ___ ft. MSL or 20.0 ft.
K. Borehole, bottom ___ ft. MSL or 20.0 ft.
L. Borehole, diameter 12.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.05 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04; Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ _____; 1- 50 LB. BAG GRANULAR Other ☐ _____
5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1.4 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. 5- 50 LB. BAGS CHIPS Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. SEE BELOW
b. Volume added ___ ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. BADGER MINING- FINE SILICA #4030
b. Volume added 9.2 ft³ 21- 50 LB. BAG
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: SCHED. 40 PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ _____
b. Manufacturer JOHNSON
c. Slot size: 0.006 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 14; Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Valerie Hansen
Firm: TRIAD ENGINEERING, INC.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
CHRYSLER		MW-5R

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started (MM DD YY)	Date Drilling Completed (MM DD YY)	Drilling Method
SAUTER DRILLING, INC. RICK KRIOFSKI, TONY	04 19 94	04 19 94	8 1/4" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	12 inches

Boring Location
State Plane ____ N, ____ E S/C/N
NW 1/4 of SE 1/4 of Section 36, T 2 N, R 22 E/W
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
222853.8518 ☒ N 258207.5518 ☒ E
____ Feet ☐ S ____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
KENOSHA		KENOSHA

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				OVER-DRILL ORIGINAL WELL TO 20 FEET. FORMATION SIMILAR TO THAT DESCRIBED IN MW-5 BORING LOG (10/10/89)										
				END OF BORING: 20 FT.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Valerie Hansen
Firm: TRIAD ENG., INC., MILWAUKEE, WI

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
CHRYSLER	KENOSHA	MW-5R
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well Number**
_ _ _ _ _ _ _	_ _	_ _ _ _ _ _ _ / _ _ _

		Before Development	After Development
1. Can this well be purged dry?	☒ Yes ☐ No		
2. Well development method			
surged with bailer and bailed	☒ 41		
surged with bailer and pumped	☐ 61		
surged with block and bailed	☐ 42		
surged with block and pumped	☐ 62		
surged with block, bailed and pumped	☐ 70		
compressed air	☐ 20		
bailed only	☐ 10		
pumped only	☐ 51		
pumped slowly	☐ 50		
Other _____	☐ _ _		
3. Time spent developing well	73 min.		
4. Depth of well (from top of well casisng)	19.9 ft.		
5. Inside diameter of well	2.00 in.		
6. Volume of water in filter pack and well casing	3.6 gal.		
7. Volume of water removed from well	12.0 gal.		
8. Volume of water added (if any)	0.0 gal.		
9. Source of water added	_____		
10. Analysis performed on water added? (If yes, attach results)	☐ Yes ☐ No		
11. Depth to Water (from top of well casing)	a.	13.59 ft.	18.64 ft.
Date	b.	04/27/94 (m m d d y y)	04/27/94 (m m d d y y)
Time	c.	12:00 ☐ a.m. ☒ p.m.	13:15 ☐ a.m. ☒ p.m.
12. Sediment in well bottom		0.0 inches	0.0 inches
13. Water clarity		Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:			
14. Total suspended solids		_ _ _ _ _ . _ mg/l	_ _ _ _ _ . _ mg/l
15. COD		_ _ _ _ _ . _ mg/l	_ _ _ _ _ . _ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: VALERIE JANSEN

Firm: TRIAD ENG., INC. MILWAUKEE

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Valerie Jansen

Print Initials: V E J

Firm: TRIAD ENG., INC.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

GROUNDWATER MONITORING WELL DEVELOPMENT LOG

Project Data:

Project: Chrysler
Project No. W943163
Location: Kenosha
Personnel: VLJ/GJM

Well Data:

Well I.D.: MW-5R
Riser Elev:
Ground Elev:
Well Depth: 19.86
Casing I.D.: 2 inches

Methods/Instruments:

Method: Bailer
Temp: Hg Thermometer
Conductivity: Hanna, HI 8733
pH: Schott, 819
Water Level: Solinst

Date	Time (Military)	Water Level (feet)	Total Volume (gal)	pH (s.u.)	Temp(C)	Conductivity (umhos/cm)		Comments/Appearance Color, Clarity, Odor
						Observed	@25 C	
4/27/94	12:00	13.59	0	–	–	–		Moderate odor from well immediately upon opening
4/27/94	12:15		1	6.55	9.5	1677	2281	Clear, slight odor, slight sheen on surface
4/27/94	12:25		6	6.59	9.5	1239	1685	Clear, no odor, very slight sheen
4/27/94	12:40		8	6.67	9.5	1474	2005	Clear, no odor, very slight sheen
4/27/94	12:45		9	6.81	9.5	1285	1748	Clear, no odor, very slight sheen, water level beginning to decrease
4/27/94	12:53		10	6.84	10	1392	1893	Clear, no odor, very slight sheen, water level decreasing rapidly
4/27/94	13:13		12	6.89	10	1320	1795	Very slightly turbid, no odor, very little water in bailer
4/27/94	13:15	18.64						Water level after development

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: CHRYSLER	Local Grid Location of Well: 221195.2725 ft. ☒N ☐S, 2581134.6862 ft. ☒E ☐W	Well Name: MW-11CR
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. _____ Long. _____ or	Wis. Unique Well Number: _____ DNR Well Number: _____
Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	St. Plane _____ ft. N, _____ ft. E.	Date Well Installed: 05/06/94 (m m d d y y)
Distance Well Is From Waste/Source Boundary: ~40 ft.	Section Location of Waste/Source: NW 1/4 of SE 1/4 of Sec. 36, T. 2 N, R. 22 ☒E ☐W	Well Installed By: (Person's Name and Firm): VAL JANSEN; TRIAD ENGINEERING
Is Well A Point of Enforcement Std. Application? ☒ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation 623.85 ft. MSL
B. Well casing, top elevation 623.63 ft. MSL
C. Land surface elevation 623.7 ft. MSL
D. Surface seal, bottom 622.7 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

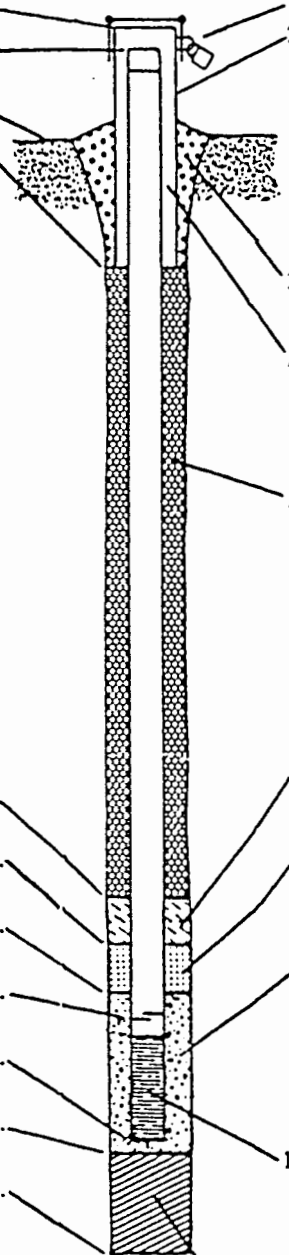
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ __
_____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):
_____

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.
F. Fine sand, top _____ ft. MSL or 3.0 ft.
G. Filter pack, top _____ ft. MSL or 4.0 ft.
H. Screen joint, top _____ ft. MSL or 5.0 ft.
I. Well bottom _____ ft. MSL or 15.0 ft.
J. Filter pack, bottom _____ ft. MSL or 15.0 ft.
K. Borehole, bottom _____ ft. MSL or 15.0 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.05 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04; Other ☐ __
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ __
_____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐ __; Other ☐ __
_____
5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 0.7 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. _____ Other ☐ __
7. Fine sand material: Manufacturer, product name & mesh size
a. BADGER MINING CORP. SILICA #4030
b. Volume added 0.3 ft^3
8. Filter pack material: Manufacturer, product name and mesh siz
a. _____
b. Volume added 3.6 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ __
_____
10. Screen material: PVC - SCHED. 40
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ __
_____
b. Manufacturer JOHNSON
c. Slot size: 0.010 in
d. Slotted length: 10.0 ft
11. Backfill material (below filter pack): None ☒ 14; Other ☐ __
_____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Valerie Hansen | Firm: TRIAD ENGINEERING, INC.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats. and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Superfund ☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
CHRYSLER		MW-11CR

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started (MM DD YY)	Date Drilling Completed (MM DD YY)	Drilling Method
BRIOHN ENVIRONMENTAL, INC. KENOSHA, WI HEATH/KEN	05/06/94	05/06/94	4¼" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	8 inches

Boring Location
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 36, T 2 N, R 22 E/W

Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
KENOSHA		KENOSHA

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				BLIND DRILL TO 15 FT. BASED UPON CUTTINGS, FORMATION IN MW-11CR APPEARS TO BE THE SAME AS DESCRIBED IN MW-11C (4/23/90). END OF BORING: 15 FT.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Valerie Hansen Firm: TRAD ENG., INC., MILWAUKEE, WI

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B
Rev. 8-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: MW-3

County: KENOSHA

NW 1/4 of SE 1/4 of Sec. 36 ; T. 2 N R. 22 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location: 19401.5530 ft. ☒ N. ☐ S. 2581737.1400 ft. ☒ E. ☐ W.

Civil Town Name:

Street Address of Well: 5555 30th AV.

City, Village: KENOSHA

(2) FACILITY NAME

Original Well Owner (If Known): CHRYSLER

Present Well Owner: CHRYSLER

Street or Route: 5555 30th AVE.

City, State, Zip Code: KENOSHA, WI 53144

Facility Well No. and/or Name (If Applicable):

WI Unique Well No.: _ _ _ _ _ _

Reason For Abandonment: DAMAGED

Date of Abandonment: 4/22/94

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 5/22/89

☒ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12.5 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) _____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☐ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☐ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) GRAVITY

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
PURE GOLD BENTONITE CHIPS	Surface	13 - 50	LB. BAGS	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
VAL JANSEN - TRIAD ENGINEERING, INC.

Signature of Person Doing Work: Valerie Jansen
Date Signed: 5-11-94

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected | District/County

Reviewer/Inspector

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 8-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: MW-5

County: KENOSHA

NW 1/4 of SE 1/4 of Sec. 36 ; T. 2 N R. 22 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name

Street Address of Well: 50th Ave. between 26th & 27th AV.

City, Village: KENOSHA

(2) FACILITY NAME

Original Well Owner (If Known): CHRYSLER

Present Well Owner: CHRYSLER

Street or Route: 5555 30th Av.

City, State, Zip Code: KENOSHA WI. 53144

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Reinstalled new well - same borehole

Date of Abandonment: 4-19-94

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 10/10/89

☒ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 17.5 Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 7

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☐ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☐ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) SEE BELOW

(6) Sealing Materials — For monitoring wells and monitoring well boreholes only
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

✓ NEW WELL INSTALLED

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
SEE BELOW	Surface			

(8) Comments: EXISTING WELL DRILLED OUT W 8 1/4 IN. I.D. HSA - 1.5 TIMES ORIGINAL BOREHOLE DIAMETER - NEW WELL MW-5R REINSTALLED IN SAME BOREHOLE.

(9) Name of Person or Firm Doing Sealing Work: VAL JANSEN - TRIAD ENGINEERING INC.

Signature of Person Doing Work: Valerie Janssen — Date Signed: 5-10-94

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected: _____ District/County: _____

Reviewer/Inspector: _____

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 8-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: MW-11C
County: KENOSHA

NW 1/4 of SE 1/4 of Sec. 36 ; T. 2 N R. 22 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name

Street Address of Well: 5555 30th AVE.

City, Village: KENOSHA,

(2) FACILITY NAME

Original Well Owner (If Known): CHRYSLER

Present Well Owner: CHRYSLER

Street or Route: 5555 30th AVE.

City, State, Zip Code: KENOSHA, WI 53144

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: DAMAGED

Date of Abandonment: 5-3-94

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 4/23/90

☒ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 13.5 Casing Diameter (ins.) 2.05
(From groundsurface)

Casing Depth (ft.) _____

Was Well Annular Space Grouted? ☒ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 2.0 Feet

(4) Depth to Water (Feet) 7

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) GRAVITY

(6) Sealing Materials — For monitoring wells and monitoring well boreholes only
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
CHIPPED BENTONITE	Surface	13.5	19-50 LB. BAGS	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
VAL JANSEN - TRIAD ENGINEERING

Signature of Person Doing Work: Valerie Hansen
Date Signed: 5-10-94

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected

District/County

Reviewer/Inspector

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B
Rev. 8-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: MW-11CB
County: KENOSHA
NW 1/4 of SE 1/4 of Sec. 36 ; T. 2 ☒ N ☐ S R. 22 ☒ E ☐ W
(If applicable) ____ Gov't Lot ____ Grid Number
Grid Location ____ ft. ☐ N. ☐ S., ____ ft. ☐ E. ☐ W.
Civil Town Name:
Street Address of Well: 5555 30th Ave.
City, Village: KENOSHA

(2) FACILITY NAME

Original Well Owner (If Known): CHRYSLER
Present Well Owner: CHRYSLER
Street or Route: 5555 30th Ave.
City, State, Zip Code: KENOSHA WI 53144
Facility Well No. and/or Name (If Applicable):
WI Unique Well No.:
Reason For Abandonment: BOREHOLE
Date of Abandonment: 5-6-94.

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 5-3-94

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify)

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 9 (From groundsurface)
Casing Diameter (ins.)
Casing Depth (ft.)

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ____ Feet

(4) Depth to Water (Feet) 6

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) GRAVITY

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☒ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
MEDIUM BENTONITE CHIPS	Surface	6	3-50 lb. BAGS	
CONCRETE	6	9	3-50 lb. BAGS CONCRET	

(8) Comments: 3 FT. OF CONCRETE FROM 6-9 FT. DEPTH WAS TO REPAIR A HOLE IN THE TOP OF A CONCRETE 48" STORM SEWER - REMAINDER OF BOREHOLE BACKFILLED W BE

(9) Name of Person or Firm Doing Sealing Work
VAL JANSEN-TRIAD ENG., INC., MILWAUKEE, WI

Signature of Person Doing Work: Valerie Jansen
Date Signed: 5-11-94

(10) FOR DNR OR COUNTY USE ONLY
Date Received/Inspected
District/County
Reviewer/Inspector

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 8-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: MW-15

County: KENOSHA

NW 1/4 of SE 1/4 of Sec. 36 : T. 2 N; R. 22 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name

Street Address of Well

City, Village: KENOSHA

(2) FACILITY NAME

Original Well Owner (If Known): CHRYSLER

Present Well Owner: MIKE OWENS- KENOSHA GRP Ltd.

Street or Route: 520 S. MAIN St., Suite 2511

City, State, Zip Code: AKRON, OHIO 44311

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _

Reason For Abandonment: CLEAN CLOSURE ONSITE MP-7

Date of Abandonment: 5-6-94

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 12/7/89

☒ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ☐ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 16.0 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) 15.3

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 7.0

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☒ Yes	☐ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	

If No, Explain ENTIRE WELL SCREEN AND CASING WERE DRILLED OUT

Was Casing Cut Off Below Surface?	☐ Yes	☒ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) GRAVITY

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
MED. BENTONITE CHIPS (PURE GOLD)	Surface	16.0	19-50 lb. BAGS	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: VALERIE JANSEN

Signature of Person Doing Work: Valerie Jansen

Date Signed: 5-10-94

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected

District/County

Reviewer/Inspector

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B
Rev. 8-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: MW-24A
County: KENOSHA

NW 1/4 of SE 1/4 of Sec. 36 ; T. 2 N. R. 22 ☒ E ☐ W
(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location
_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name

Street Address of Well

City, Village: KENOSHA

(2) FACILITY NAME

Original Well Owner (If Known): CHRYSLER
Present Well Owner: ED KRESS - RHB ASSOC. REPRESENTATIVE LAWYER
Street or Route: 1250 SPRINGFIELD PIKE
City, State, Zip Code: CINCINATTI, OHIO 45215
Facility Well No. and/or Name (If Applicable)
WI Unique Well No.: - - - - - -
Reason For Abandonment: CLEAN CLOSURE AT SITE
Date of Abandonment: 5-6-94

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 11/14/89

☒ Monitoring Well
☐ Water Well
☐ Drillhole
☐ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (Specify) _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 18.0 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) 18.0

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 6.0

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☒ Yes	☐ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	☒ No	

If No, Explain CASING AND SCREEN PULLED FROM WELL

Was Casing Cut Off Below Surface?	☐ Yes	☒ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) GRAVITY

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☒ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
MED. BENTONITE CHIPS	Surface	18.0	25-50 lb. bags	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
VALERIE JANSEN - TRIAD ENG., INC
Signature of Person Doing Work
Date Signed: 5-10-94

(10) FOR DNR OR COUNTY USE ONLY
Date Received/Inspected
District/County
Reviewer/Inspector

Department of Natural Resources

Facility/Project Name: CHRYSLER MAIN PLANT, KENOSHA
Facility License, Permit or Monitoring Number: _____

Grid Location: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.

Well Name: MW-18D
Wis. Unique Well Number: _____ DNR Well Number: _____

Type of Well: Water Table Observation Well ■ 11; Piezometer ☐ 12

Section Location: SW 1/4 of SE 1/4 of Section 36, T 2 N, R 22 ■ E ☐ W

Date Well Installed: 04/25/90 (m m / d d / y y)

Distance Well Is From Waste/Source Boundary: unknown ft.

Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ☐ Downgradient ■ Not Known

Well Installed By: (Person's Name and Firm)
Steve D. Mueller
HYDRO-SEARCH, INC.

Well A Point of Enforcement Std. Application? ■ Yes ☐ No

Protective pipe, top elevation _____ ft. MSL
Well casing, top elevation 626.93 ft. MSL
Land surface elevation 624.1 ft. MSL
Surface seal, bottom _____ ft. MSL or 0.0 ft.

1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 5.0 in.
   b. Length: 7.0 ft.
   c. Material: Steel ■ 04; Other ☐ _____
   d. Additional protection? ☐ Yes ■ No
   If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ■ 30; Annular space seal ☐; Other ☐ _____
5. Annular space seal: Pellet Bentonite ■ 33
   _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
   _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
   _____ % Bentonite .... Bentonite-cement grout ☐ 50
   ~0.7 Ft³ volume added for any of the above
   How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 03
6. Bentonite seal: Bentonite granules ☐ 33
   ■ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ■ 32
   Other ☐ _____
7. Fine sand material: Manufacturer, product name and mesh size
   Badger Mining Corp., W#40
   Volume added ~0.3 ft³
8. Filter pack material: Manufacturer, product name and mesh size
   American Materials, Red Flint #30
   Volume added ~4.0 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: Schedule 40, PVC
    Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐ _____
    Manufacturer: Northern Air
    Slot size: 0.010 in.
    Slotted length: 0.1 ft.
11. Backfill material (below filter pack): None ■; Other ☐ _____

2. USCS classification of soil near screen:
   ☐ GP ☐ GM ☐ CC ☐ GW ☐ SW ☐ SP
   ■ SM ☐ SC ■ ML ☐ MH ☐ CL ☐ CH
   ☐ Bedrock
3. Sieve analysis attached? ☐ Yes ■ No
4. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐ _____
5. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99
   Drilling additives used? ☐ Yes ■ No
   Describe _____
   Source of water (attach analysis): City of Kenosha water supply, Chrysler Bldg. 52

Bentonite seal, top _____ ft. MSL or 0.0 ft.
Fine sand, top _____ ft. MSL or 2.0 ft.
Filter pack, top _____ ft. MSL or 3.0 ft.
Well screen, top _____ ft. MSL or 4.0 ft.
Well screen, bottom _____ ft. MSL or 14.0 ft.
Filter pack, bottom _____ ft. MSL or 15.0 ft.
Borehole, bottom _____ ft. MSL or 15.0 ft.

Borehole, diameter 8.0 in.
O.D. well casing 2.00 in.
I.D. well casing 1.91 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Name: Steve D. Mueller
Firm: HYDRO-SEARCH, INC., BROOKFIELD, WI

Complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with s. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5,000 for each day of violation. In accordance with s. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation.
Shaded areas are for DNR use only. See instructions for more information.

State of Wisconsin
Department of Natural Resources

MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

Facility/Project Name: CHRYSLER MAIN PLANT, KENOSHA
Facility License, Permit or Monitoring Number: _____

Grid Location: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.

Well Name: MW-27B
Wis. Unique Well Number: _____ DNR Well Numb: _____

Type of Well: Water Table Observation Well ■ 11; Piezometer ☐ 12

Section Location: NW 1/4 of SE 1/4 of Section 36, T 2 N, R 22 ■ E ☐ W

Date Well Installed: 3/14/90

Distance Well Is From Waste/Source Boundary: ~80 ft.

Location of Well Relative to Waste/Source: ■ Upgradient ■ Sidegradient ☐ Downgradient ☐ Not Known

Well Installed By: (Person's Name and Firm)
Steve D. Mueller
HYDRO-SEARCH, INC.

Is Well A Point of Enforcement Std. Application? ■ Yes ☐ No

A. Protective pipe, top elevation ~625.91 ft. MSL
B. Well casing, top elevation 624.98 ft. MSL
C. Land surface elevation 622.7 ft. MSL
D. Surface seal, bottom 621.9 ft. MSL or ____ ft.

12. USCS classification of soil near screen:
☐ GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP
■ SM ☐ SC ■ ML ☐ MH ☐ CL ☐ CH
☐ Bedrock

13. Sieve analysis attached? ☐ Yes ■ No

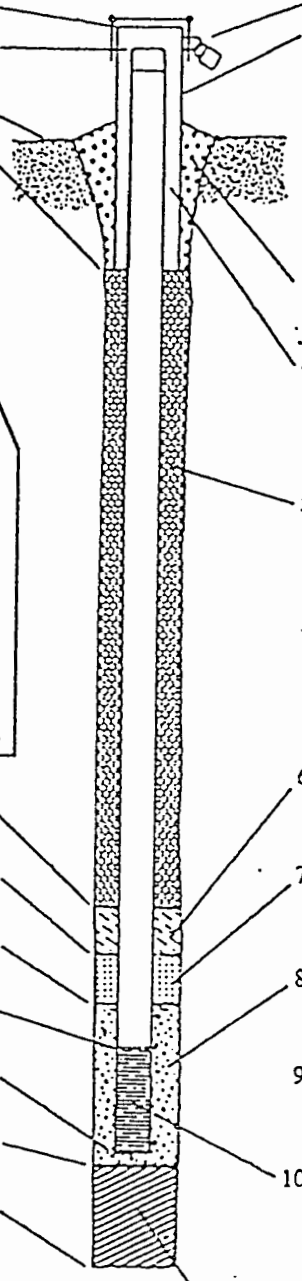
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐ ____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99

16. Drilling additives used? ☐ Yes ■ No
Describe _____

17. Source of water (attach analysis):
City of Kenosha water supply, Chrysler Bldg. 52

E. Bentonite seal, top 620.4 ft. MSL or ____ ft.
Fine sand, top 619.9 ft. MSL or ____ ft.
Filter pack, top 618.9 ft. MSL or ____ ft.
Well screen, top 618.2 ft. MSL or ____ ft.
Well screen, bottom 608.2 ft. MSL or ____ ft.
Filter pack, bottom 607.9 ft. MSL or ____ ft.
Borehole, bottom 606.9 ft. MSL or ____ ft.
Borehole, diameter 8.0 in.
O.D. well casing 2.00 in.
I.D. well casing 1.91 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 5.5 ft.
c. Material: Steel ■ 04; Other ☐ ____
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☐ 30; Annular space seal ■; Other ☐ ____
5. Annular space seal: Granular Bentonite ■ 33; ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35; ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31; ____ % Bentonite . . . . Bentonite-cement grout ☐ 50; ~0.6 Ft³ volume added for any of the above
How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08
6. Bentonite seal: Bentonite granules ☐ 33; ■ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ■ 32; Other ☐ ____
7. Fine sand material: Manufacturer, product name and mesh size
Badger Mining Corp., VV #40
Volume added ~0.3 ft³
8. Filter pack material: Manufacturer, product name and mesh size
American Materials, Red Flint #30
Volume added ~3.9 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____
10. Screen material: Schedule 40, PVC
Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐ ____
Manufacturer NORTHERN AIR
Slot size: 0.010 in.
Sloued length: 0.1 ft.
11. Backfill material (below filter pack): None ■; Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Steve Mueller
Firm: HYDRO-SEARCH, INC. BROOKFIELD, WI

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State of Wisconsin
Department of Natural Resources

MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

Facility/Project Name: CHRYSLER MAIN PLANT, KENOSHA
Facility License, Permit or Monitoring Number: _____

Grid Location: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.

Well Name: MW-27C
Wis. Unique Well Number: _____ DNR Well Number: _____

Type of Well: Water Table Observation Well ■ 11 ☐ Piezometer 12

Section Location: NW 1/4 of SE 1/4 of Section 36, T 2 N, R 22 ■ E ☐ W

Date Well Installed: 3/15/90 (m m d d y y)

Distance Well Is From Waste/Source Boundary: ~150 ft.

Location of Well Relative to Waste/Source: ■ Upgradient ■ Sidegradient ☐ Downgradient ☐ Not Known

Well Installed By: (Person's Name and Firm)
Steve D. Mueller
HYDRO-SEARCH, INC.

Is Well A Point of Enforcement Std. Application? ■ Yes ☐ No

A. Protective pipe, top elevation ~625.93 ft. MSL
B. Well casing, top elevation 626.88 ft. MSL
C. Land surface elevation 624.8 ft. MSL
D. Surface seal, bottom 622.1 ft. MSL or ____ ft.

12. USCS classification of soil near screen:
☐ GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP
■ SM ☐ SC ☐ ML ☐ MH ■ CL ☐ CH
☐ Bedrock

13. Sieve analysis attached? ☐ Yes ■ No

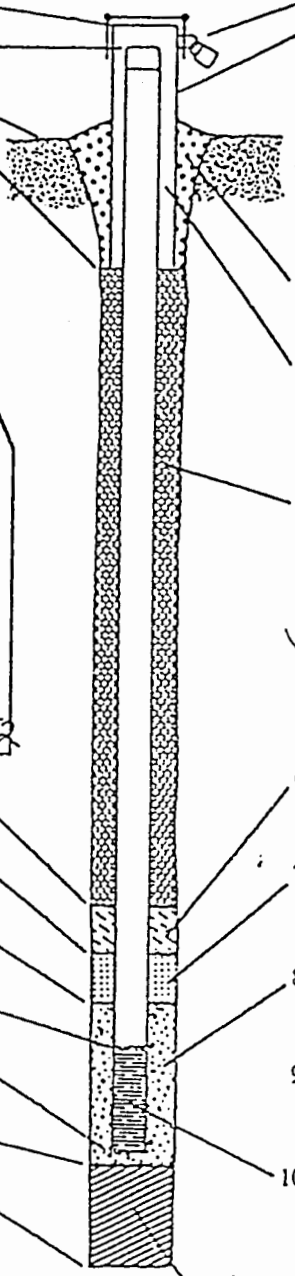
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐ ____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99

16. Drilling additives used? ☐ Yes ■ No
Describe _____

17. Source of water (attach analysis):
City of Kenosha water supply, Chrysler Bldg. 52

E. Bentonite seal, top 620.4 ft. MSL or ____ ft.
F. Fine sand, top 619.4 ft. MSL or ____ ft.
G. Filter pack, top 618.4 ft. MSL or ____ ft.
H. Well screen, top 617.9 ft. MSL or ____ ft.
I. Well screen, bottom 607.9 ft. MSL or ____ ft.
J. Filter pack, bottom 606.9 ft. MSL or ____ ft.
K. Borehole, bottom 606.9 ft. MSL or ____ ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.00 in.
N. I.D. well casing 1.91 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 5.5 ft.
c. Material: Steel ■ 04; Other ☐ ____
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☐ 30; Annular space seal ■; Other ☐ ____
5. Annular space seal: Granular Bentonite ■ 33; ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35; ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31; ____ % Bentonite .... Bentonite-cement grout ☐ 50; ~0.9 Ft³ volume added for any of the above
How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08
6. Bentonite seal: Bentonite granules ☐ 33; ■ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ■ 32; Other ☐ ____
7. Fine sand material: Manufacturer, product name and mesh size: Badger Mining Corp., VV #40
Volume added ~0.3 ft³
8. Filter pack material: Manufacturer, product name and mesh size: American Materials, Red Flint #30
Volume added ~3.8 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____
10. Screen material: Schedule 40, PVC
Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐ ____
Manufacturer: NORTHERN AIR
Slot size: 0.010 in.
Slotted length: 0.1 ft.
11. Backfill material (below filter pack): None ■; Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Steve Mueller
Firm: HYDRO-SEARCH, INC. BROOKFIELD, WI

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State of Wisconsin
Department of Natural Resources

MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

Facility/Project Name: CHRYSLER MAIN PLANT, KENOSHA
Facility License, Permit or Monitoring Number: _____

Grid Location: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.

Well Name: MW-27D
Wis. Unique Well Number: _____ DNR Well Numb: _____

Type of Well: Water Table Observation Well ■ 11; Piezometer ☐ 12

Section Location: NE 1/4 of SE 1/4 of Section 36, T 2 N, R 22 ■ E ☐ W

Date Well Installed: 3/16/90 (m m d d y y)

Distance Well Is From Waste/Source Boundary: ~90 ft.

Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ■ Downgradient ☐ Not Known

Well Installed By: (Person's Name and Firm)
Steve D. Mueller
HYDRO-SEARCH, INC.

Is Well A Point of Enforcement Std. Application? ■ Yes ☐ No

A. Protective pipe, top elevation ~625.09 ft. MSL
B. Well casing, top elevation 627.99 ft. MSL
C. Land surface elevation 626.2 ft. MSL
D. Surface seal, bottom 621.1 ft. MSL or _____ ft.

12. USCS classification of soil near screen:
☐ GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP
■ SM ☐ SC ■ ML ☐ MH ■ CL ☐ CH
☐ Bedrock

13. Sieve analysis attached? ☐ Yes ■ No

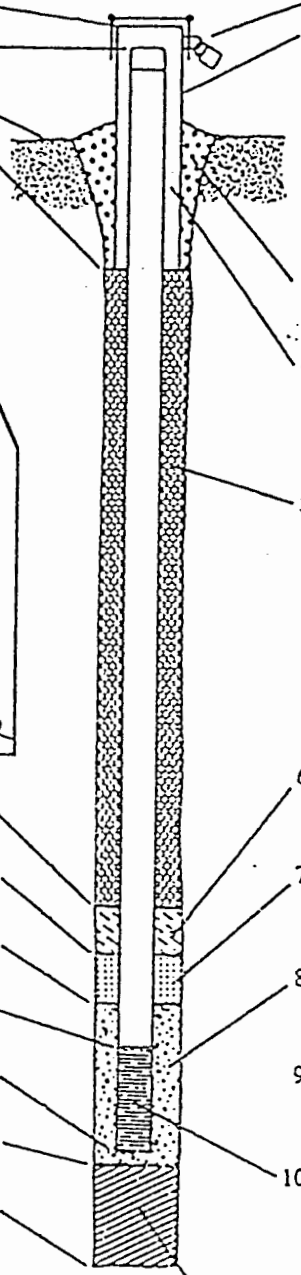
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐ _____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99

16. Drilling additives used? ☐ Yes ■ No
Describe _____

17. Source of water (attach analysis):
City of Kenosha water supply, Chrysler Bldg. 52

E. Bentonite seal, top 619.1 ft. MSL or _____ ft.
Fine sand, top 618.6 ft. MSL or _____ ft.
Filter pack, top 617.6 ft. MSL or _____ ft.
Well screen, top 616.9 ft. MSL or _____ ft.
Well screen, bottom 606.9 ft. MSL or _____ ft.
Filter pack, bottom 605.1 ft. MSL or _____ ft.
Borehole, bottom 605.1 ft. MSL or _____ ft.
Borehole, diameter 8.0 in.
O.D. well casing 2.00 in.
I.D. well casing 1.91 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 6.0 ft.
c. Material: Steel ■ 04; Other ☐ _____
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ☐ 01; Other ■ Native Soil
4. Material between well casing and protective pipe: Bentonite ☐ 30; Annular space seal ■; Other ☐ _____
5. Annular space seal: Granular Bentonite ■ 33; _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35; _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31; _____ % Bentonite .... Bentonite-cement grout ☐ 50; ~0.8 Ft³ volume added for any of the above
How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08
6. Bentonite seal: Bentonite granules ☐ 33; ■ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ■ 32; Other ☐ _____
7. Fine sand material: Manufacturer, product name and mesh size
Badger Mining Corp. VV #40
Volume added ~0.3 ft³
8. Filter pack material: Manufacturer, product name and mesh size
American Materials, Red Flint #30
Volume added ~4.1 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: _____
Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐ _____
Manufacturer NORTHERN AIR
Slot size: 0.010 in.
Slotted length: 0.1 ft.
11. Backfill material (below filter pack): None ■; Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Steve Mueller
Firm: HYDRO-SEARCH, INC. BROOKFIELD, WI

Note: complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with s. 144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5,000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation.
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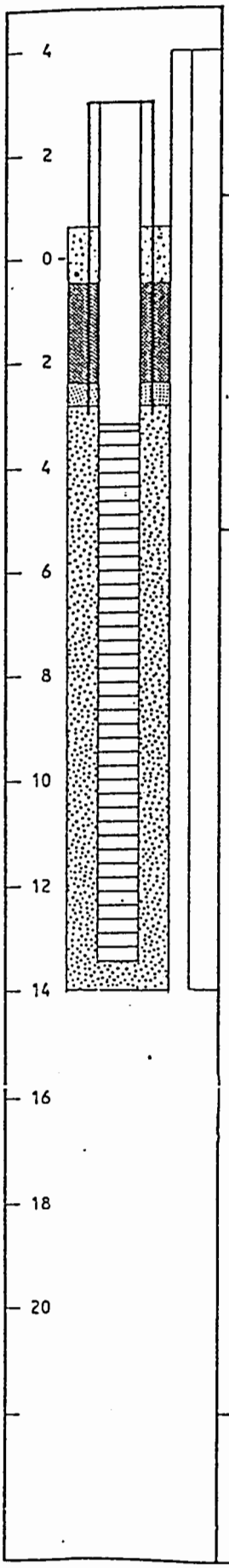
MONITOR WELL CONSTRUCTION SUMMARY

Well No. MW-17A

Boring No. X-Ref: MW-17A



Survey Coords: _____

Elevation Ground Level 623.79 ft. msl

Top of Casing 625.87 ft. msl

Drilling Summary:

Total Depth: 14.0 ft.
Borehole Diameter: 8.0 in.
Casing Stick-up Height: 2.89 ft.
Driller: Wisconsin Test Drilling, Inc.
Schofield, Wisconsin

Rig: Diedrich D-50

Drilling Fluid: none

Protective Casing: 7 ft. protop

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	2/12	1210	2/12	1300
Casing:	2/12	1300	2/12	1310
Filter Placement:	2/12	1310	2/12	1335
Cementing:	2/12	1335	2/12	1350
Development:				

Well Design & Specifications

Basic: Geologic Log X Geophysical Log ___
Casing String(s): C = Casing S = Screen

Depth	String(s)	Elevation
+3.0 - -4.0	C1	+626.90 - +619.90
2.89 - 3.6	C2	626.79 - 620.30
3.6 - 13.6	S1	620.30 - 610.30
___ - ___	___	___ - ___

Casing: C1: 4" diameter, 7 ft. iron protop

Casing: C2: 2" diameter, flush-threaded Sch. 40 PVC

Screen: S1: 2" diameter, 0.010" factory-slot flush-threaded Sch. 40 PVC

Filter Pack: #30 Flint sand 13.6-3.0 ft.
Fine silica 3.0-2.5 ft.

Grout Seal: Cement - 0.5 - 0.5 ft.

Bentonite Seal: 1/4" pellets 2.0-0.5 ft.

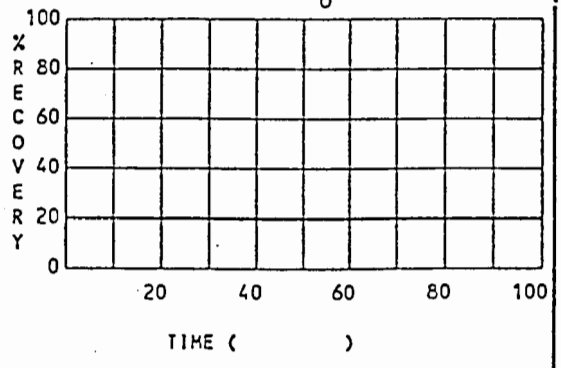
Well Development:

Stabilization Test Data:

Time	pH	Spec. Cond.	Temp (C)

Recovery Data:

Q= S_o=



Comments: _____

SITE NAME Chrysler Corp., Bldg. 18

LOCATION Bldg. 10/750 ft. West

SUPERVISED BY Stephen D. Mueller

DATE 2/12/90

Facility/Project Name: CHRYSLER MAIN PLANT, KENOSHA
Facility License, Permit or Monitoring Number: _____

Grid Location: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.

Well Name: MW-18C
Wis. Unique Well Number: _____ DNR Well Number: _____

Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12

Section Location: SW 1/4 of SE 1/4 of Section 36, T 2 N, R 22 ☒ E ☐ W

Date Well Installed: 04/25/90 (m m / d d / y y)

Distance Well Is From Waste/Source Boundary: unKnown ft.

Well Installed By: (Person's Name and Firm)
Steve D. Mueller
HYDRO-SEARCH, INC.

Well A Point of Enforcement Std. Application?: ☒ Yes ☐ No

Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ☐ Downgradient ☐ Not Known

1. Protective pipe, top elevation _____ ft. MSL
Well casing, top elevation 628.15 ft. MSL
Land surface elevation 625.2 ft. MSL
Surface seal, bottom _____ ft. MSL or 0.0 ft.

2. USCS classification of soil near screen:
☐ GP ☐ GM ☐ CC ☐ GW ☐ SW ☐ SP
☒ SM ☐ SC ☒ ML ☐ MH ☐ CL ☐ CH
☐ Bedrock

3. Sieve analysis attached? ☐ Yes ☒ No

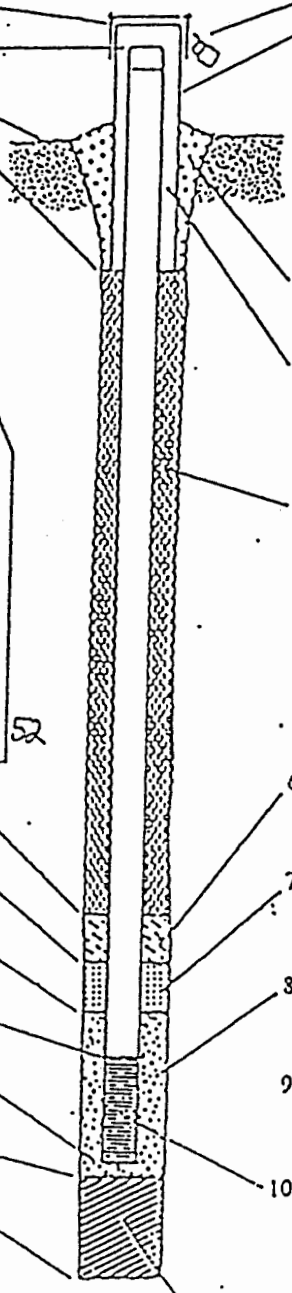
4. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ _____

5. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

6. Drilling additives used? ☐ Yes ☒ No
Describe _____

Source of water (attach analysis):
City of Kenosha water supply, Chrysler Bldg. 52

Bentonite seal, top _____ ft. MSL or 0.0 ft.
Fine sand, top _____ ft. MSL or 2.0 ft.
Filter pack, top _____ ft. MSL or 3.0 ft.
Well screen, top _____ ft. MSL or 4.0 ft.
Well screen, bottom _____ ft. MSL or 14.0 ft.
Filter pack, bottom _____ ft. MSL or 15.0 ft.
Borehole, bottom _____ ft. MSL or 15.0 ft.
Borehole, diameter 8.0 in.
O.D. well casing 2.00 in.
I.D. well casing 1.91 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 5.0 in.
b. Length: 2.0 ft.
c. Material: Steel ☒ 04; Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐; Other ☐ _____
5. Annular space seal: Pellet Bentonite ☒ 33
_____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
_____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
_____ % Bentonite .... Bentonite-cement grout ☐ 50
~0.7 Ft³ volume added for any of the above
How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: Bentonite granules ☐ 33; ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☒ 32; Other ☐ _____
7. Fine sand material: Manufacturer, product name and mesh size
Badger Mining Corp., W#40
Volume added ~0.3 ft³
8. Filter pack material: Manufacturer, product name and mesh size
American Materials, Red Flint #30
Volume added ~4.0 ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: Schedule 40 PVC
Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ _____
Manufacturer Northern Air
Slot size: 0.010 in.
Slotted length: 0.1 ft.
11. Backfill material (below filter pack): None ☒; Other ☐ _____

I certify that the information on this form is true and correct to the best of my knowledge.

Signature: Steve D. Mueller
Firm: HYDRO-SEARCH, INC., BROOKFIELD, WI

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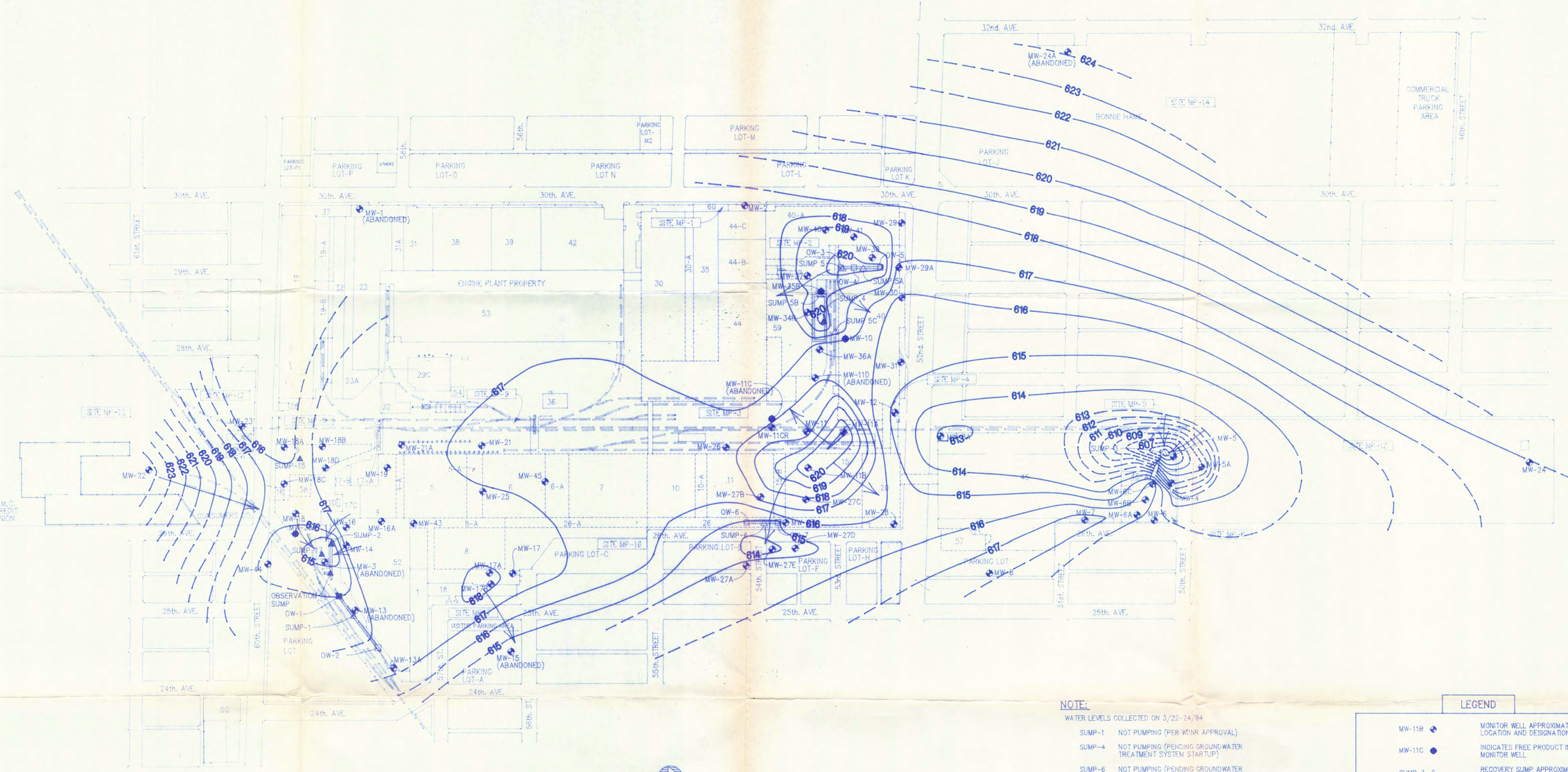

NOTE:

WATER LEVELS COLLECTED ON 3/22-24/94

SUMP-1 NOT PUMPING (PER WDNR APPROVAL)

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

SUMP-6 NOT PUMPING (PENDING GROUNDWATER TREATMENT SYSTEM STARTUP)

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	DSGN				BY	APVD
BAR IS ONE INCH ON ORIGINAL DRAWING. 0 ——— 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	DR L.J.STANTON					
	CHK V.L. JANSEN					
	APVD R.J.BINDER	NO.	DATE	REVISION		

TRIAD ENGINEERING INCORPORATED
325 East Chicago Street
Milwaukee, Wisconsin 53202
(414)-291-8840
FAX 291-8841

CHRYSLER CORPORATION
KENOSHA MAIN PLANT
WATER TABLE MAP (MARCH, 1994)

SHEET NO.

DWG NO. 163009-1

DATE 5/12/94

PROJ NO. W943163.009

230004500 19940601-43 230000574