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

PREPARED FOR:

**CHRYSLER CORPORATION
12000 CHRYSLER DRIVE
HIGHLAND PARK, MICHIGAN 48203**

TRIAD ENGINEERING PROJECT NO. 11013

MAY 1993



TRIAD ENGINEERING INCORPORATED

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

Mr. Gregory M. Rose
Deactivation Environmental Specialist
Environmental and Energy Affairs
Chrysler Corporation
12000 Chrysler Drive, CIMS 416-15-14
Highland Park, MI 48288-1919

**Subject: Groundwater Monitoring Report
March 1993 Quarterly Sampling
Chrysler Corporation Kenosha Main Plant
Kenosha, Wisconsin**

Dear Mr. Rose:

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

- Water Table Mapping,
- Groundwater Sampling,
- Computer Automated Summary Tables, and
- Isoconcentration Maps.

Water Table Map

Groundwater elevation measurements collected between March 24-26, 1993, were contoured to assess groundwater flow directions across the site and in the vicinity of the groundwater recovery systems. This information is provided in Attachment A and shown in Drawing 1. Groundwater continues to be drawn towards the existing groundwater recovery systems. Please note that Sump 1 is no longer in operation per Wisconsin Department of Natural Resources (WDNR) approval. Sump 2 was not operating at the time of water level measurements due to freezing of the sump discharge line. The discharge line has since been repaired and the sump reactivated. Sump 4 was not operating at the time of water level measurements due to malfunction of the drawdown pump. This pump has been repaired and the sump reactivated.

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Mr. Gregory M. Rose
Chrysler Corporation
May 24, 1993
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Groundwater Sampling

Groundwater samples were collected from 37 monitoring wells between March 24-26, 1993, to satisfy the WDNR's quarterly sampling requirements. The groundwater sampling and analysis program was completed in accordance with the specifications given in Table 1.

Sampling protocols utilized by Triad followed the WDNR February 1987 Groundwater Sampling Guidelines. Samples were submitted to Swanson Environmental, Inc. Brookfield, Wisconsin.

Computer Automated Summary Tables

The groundwater quality results from the last quarterly sampling event are provided in Tables 2-9. As shown, data presentation is limited to detected constituents and the reported concentrations are referenced (by analyte) to the groundwater quality standards given in Chapter 140, Wisconsin Administrative Code (Groundwater Quality) for ease of comparison.

The tables included in this report were produced via a data management program jointly by Triad and Swanson Environmental, Inc. This program has eliminated the potential for transpositional errors while also significantly reducing table preparation time. As requested, we have included a copy of the database as supplied by Swanson and spreadsheets produced by the database program.

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

Isoconcentration Maps

Isoconcentration maps for benzene, trichloroethene, and vinyl chloride (Drawings 2 through 4) were prepared by utilizing the current round of analytical results (or historical data if the well or sump was not sampled during the current round). These isoconcentration maps (Drawings 2-4) will enable an assessment of existing site conditions relative to existing and proposed groundwater recovery system locations.



Mr. Gregory M. Rose
Chrysler Corporation
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We trust this information meets your needs. If you have any questions or comments, please do not hesitate to call.

Sincerely,

TRIAD ENGINEERING, INC.

A handwritten signature in blue ink that reads "Richard J. Binder". The signature is fluid and cursive, written over a light blue rectangular background.

Richard J. Binder
Hydrogeologist/Project Manager

RJB:slr
Enclosure
1101311013-A

TRIAD ENGINEERING, INC.

A handwritten signature in blue ink that reads "Robert A. Schneiker". The signature is fluid and cursive, written over a light blue rectangular background.

Robert A. Schneiker
Geologist/Geophysicist

cc: Jack Bugno, Chrysler Kenosha
Dave Voight, Triad
Ed Manning, Triad

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

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

VOCs = Volatile Organic Compounds

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

Well Number	VOCs (8021) ¹	BTEX (8020) ¹	Cyanide* (335.2) ¹	Comments
North Area/Site MP-6 and Bldg. 45				
MW-4				Water level only.
MW-5				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-16	X		X	
MW-16A	X		X	
MW-17	X		X	
MW-43	X		X	
OW-1				Water/product level only.
OW-2				Water/product level only.
Sump-1				Water/product level only.
South Area/Site MP-8				
MW-3				Possible future use/closeout.
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	
Sump-2				Water/product level only. Sump discharge sampled bi-monthly.
Obsv. Sump				Water/product level only.

VOCs = Volatile Organic Compounds

1 = EPA Analytical Method Number "Testing Methods for Evaluating Solid Waste, Physical/Chemical Methods." U.S. EPA, SW-846, 3rd Edition, September 1986.

* = Samples collected for analysis of cyanide were field filtered prior to preservation.

NOTE: Water/product levels were measured at each well location.

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

Well Number	VOCs (8021) ¹	BTEX (8020) ¹	Cyanide* (335.2) ¹	Comments
North Area/Site MP-9				
MW-21	X			
MW-21A	X			
South Area/Site MP-12				
MW-22				Water level only. Well to be abandoned pending WDNR AST closeout.
South Area/Site MP-13				
MW-23				Water level only.
North Area/Site MP-14 (Bonnie Hame Property)				
MW-24A				Water level only. Well to be abandoned per WDNR approval.
North Area/Site MP-15 (North Receiving Lot)				
MW-5A				Water level only. Well to be abandoned per WDNR 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			
Sump 6				
OW-5				
OW-6				
Engine Plant Property				
MW-1				Water level only. Well to be abandoned per WDNR approval.
Quality Control				
Well Total	37		10	
Trip Blanks	1			
Quality Control Total	1			

VOCs = Volatile Organic Compounds

1 = EPA Analytical Method Number "Testing Methods for Evaluating Solid Waste, Physical/Chemical Methods." U.S. EPA, SW-846, 3rd Edition, September 1986.

* = Samples collected for analysis of cyanide were field filtered prior to preservation.

NOTE: Water/product levels were measured at each well location.

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

PARAMETERS	MW-29	MW-29	MW-29A	MW-29A	MW-30	MW-30	MW-31	MW-31	MW-34R	MW-36A	MW-36A	NR 140		
	DATE	12/21/92	03/25/93	12/21/92	03/25/93	12/21/92	03/25/93	12/21/92	03/25/93	12/21/92	12/21/92	03/25/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER	B1332	B2147	B1332	B2147	B1332	B2147	B1332	B2147	B1332	B1332	B2147			
VOLATILE ORGANIC COMPOUNDS														
Benzene	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	5	.057
TERT-Butylbenzene	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	2.0	< 1.5	1.5	< 1.5	< 1.5	1.7		*	*
Chloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	50	33	400	80
Dichlorodifluoromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	*	*
1,1-Dichloroethane	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	850	85
1,1-Dichloroethane	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	7	0.024
CIS-1,2-Dichloroethane	< 1.5	< 1.0	< 1.5	< 1.0	< 1.5	< 1.0	2.2	2.5	< 1.5	12	7		100	10
TRANS-1,2-Dichloroethane	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	100	20
Methylene Chloride	< 2.1	2.6	< 2.1	< 2.1	< 2.1	5.1	< 2.1	7.0	< 2.1	4.1	< 2.1		150	15
Toluene	< 0.7	1.0	1.7	1.0	1.9	0.9	1.9	0.9	< 0.7	2.3	0.9		343	68.6
1,1,1-Trichloroethane	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	200	40
Trichloroethane	2.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	1.4	< 0.8	< 0.8	< 0.8	< 0.8	5	0.18
1,3,5-Trimethylbenzene	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	*	*
Vinyl Chloride	< 0.7	< 0.7	0.9	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	16	4.5		0.2	0.0015
O-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	*	*
M&P-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	*	*
Xylenes (Total)***	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	620	124

Note: All values in $\mu\text{g/l}$ (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

ND Not Detected

Laboratory analysis by Swanson Environmental, Inc., Brookfield, Wisconsin

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

PARAMETER	MW-37	MW-37	MW-38	MW-38	MW-38D (duplicate)	MW-40	MW-40	MW-41	MW-41	NR 140	
	12/21/92	03/26/93	12/21/92	03/25/93	03/25/93	12/21/92	03/25/93	12/21/92	03/25/93	Enforcement Standard	PAL**
REPORT	B1332	B2084	B1332	B2147	B2147	B1332	B2147	B1332	B2147	*	*
VOLATILE ORGANIC COMPOUNDS											
Benzene	< 0.5	0.9	< 0.5	< 0.5	< 6	< 0.8	0.6	< 0.6	0.8	5	.067
TERT-Butylbenzene	< 1.5	< 1.5	< 1.5	< 1.5	< 15	< 1.5	1.7	< 1.5	< 1.5	*	*
Chloroethane	< 1.0	< 1.0	33	< 10	< 10	< 1.0	< 1.0	< 1.0	< 1.0	400	80
Dichlorodifluoromethane	< 1.0	< 1.0	< 1.0	< 10	< 10	< 1.0	< 1.0	< 1.0	20	*	*
1,1-Dichloroethane	< 0.8	1.3	220	73	76	16	1.1	< 0.8	6.8	850	85
1,1-Dichloroethene	< 1.3	< 1.3	< 1.3	< 13	< 13	< 1.3	< 1.3	< 1.3	< 1.3	7	0.024
CIS-1,2-Dichloroethene	< 1.5	< 1.0	320	270	270	< 1.5	5.8	< 1.5	< 1.0	100	10
TRANS-1,2-Dichloroethene	< 1.2	< 1.2	20	17	17	< 1.2	< 1.2	< 1.2	< 1.2	100	20
Methylene Chloride	< 2.1	< 2.1	< 2.1	< 21	< 21	< 2.1	4.0	< 2.1	< 2.1	150	15
Toluene	< 0.7	< 0.7	1.7	8.1	8.2	1.6	< 0.7	< 0.7	0.8	343	66.5
1,1,1-Trichloroethane	< 0.8	< 0.8	1.0	< 8	9.5	2.9	1.0	< 0.8	1.7	200	40
Trichloroethene	< 0.8	< 0.8	23	26	29	2.8	0.8	< 0.8	2.3	5	0.18
1,3,5-Trimethylbenzene	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	*	*
Vinyl Chloride	< 0.7	< 0.7	460	210	240	< 0.7	6.7	< 0.7	0.9	0.2	0.0015
O-Xylene	< 1.0	< 1.0	< 1.0	< 10	< 10	< 1.0	1.0	< 1.0	< 1.0	*	*
M&P-Xylene	< 1.0	< 1.0	< 1.0	< 10	< 10	< 1.0	< 1.0	< 1.0	1.0	*	*
Xylenes (Total)***	ND	ND	ND	ND	ND	ND	ND	ND	ND	620	124

Note: All values in ppb (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
 ND Not Detected

Laboratory analysis by Swanson Environmental, Inc., Brookfield, Wisconsin

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

PARAMETER DATE	MW-11	MW-11	MW-11B	MW-11B	MW-11C	NR 140	
	12/21/92	03/26/93	12/21/92	03/24/93	03/26/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER	B1332	B2084	B1332	B2102	B2084		
VOLATILE ORGANIC COMPOUNDS							
Benzene	68	82	< 0.6	< 0.6	0.7	5	.067
N-Butylbenzene	6.0	< 27	< 1.1	< 1.1	1.7	*	*
Chloroethane	< 1.0	< 25	< 1.0	< 1.0	65	400	80
1,1-Dichloroethane	< 0.8	< 20	< 0.8	< 0.8	3.4	850	85
CIS-1,2-Dichloroethane	2.6	< 37	< 1.5	< 1.0	1.8	100	10
TRANS-1,2-Dichloroethane	< 1.2	< 30	< 1.2	< 1.2	2.4	100	20
Ethylbenzene	510	460	< 0.5	< 0.5	< 0.5	1360	272
Isopropylbenzene	1.2	27	< 0.6	< 0.6	< 0.6	*	*
P-Isopropyltoluene	< 0.7	< 17	< 0.7	< 0.7	0.9	*	*
Methylene Chloride	< 2.1	100	2.7	< 2.1	2.6	150	15
N-Propylbenzene	35	< 22	< 0.9	< 0.9	< 0.9	*	*
Toluene	19	48	1.9	< 0.7	0.7	343	68.6
Trichloroethane	2.9	< 20	< 0.8	< 0.8	< 0.8	5	0.18
1,2,4-Trimethylbenzene	64	69	< 1.0	< 1.0	1.8	*	*
1,3,5-Trimethylbenzene	94	100	< 0.8	< 0.8	1.3	*	*
Vinyl Chloride	< 0.7	< 17	< 0.7	< 0.7	0.8	0.2	0.0015
O-Xylene	17	45	< 1.0	< 1.0	< 1.0	*	*
M&P-Xylene	1100	1100	< 1.0	< 1.0	< 1.0	*	*
Xylenes (Total)***	1117	1145	ND	ND	ND	620	124

Note: All values in $\mu\text{g/l}$ (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

ND Not Detected

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	NR 140	
	12/21/92	03/25/93	Enforce- ment Standard	PAL**
LABORATORY REPORT NUMBER	B1332	B2147		
VOLATILE ORGANIC COMPOUNDS				
TERT-Butylbenzene	< 1.5	1.7	*	*
Toluene	1.7	0.8	343	68.6
O-Xylene	< 1.0	1.1	*	*
Xylenes (Total)***	ND	1.1	620	124

Note: All values in $\mu\text{g/l}$ (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

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

ND Not Detected

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

PARAMETER	MW- 5	MW- 5	NR 140	
			Enforcement Standard	PAL**
DATE	12/23/92	03/26/93		
REPORT	B1332	B2084		
VOLATILE ORGANIC COMPOUNDS				
Benzene	68	110	5	.067
N-Butylbenzene	2.5	< 1.1	*	*
TERT-Butylbenzene	2.4	< 1.5	*	*
Chloroethane	5.1	< 1.0	400	80
CIS-1,2-Dichloroethane	3.6	< 1.0	100	10
Ethylbenzene	6.3	12	1360	272
N-Propylbenzene	4.3	< 0.9	*	*
Toluene	1.9	5	343	68.6
1,3,5-Trimethylbenzene	4.0	< 0.8	*	*
Vinyl Chloride	0.8	< 0.7	0.2	0.0015
O-Xylene	3.6	NA	*	*
Xylenes (Total)***	3.6	7	620	124

Note: All values in $\mu\text{g/l}$ (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

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

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

PARAMETER	MW-14	MW-14	MW-16	MW-16	MW-16D (MW-16 duplicate)	MW-16A	MW-16A	NR 140		
	DATE	12/15/92	03/25/93 03/26/93	12/15/92	03/25/93 03/26/93	03/25/93 03/26/93	12/15/92	03/25/93 03/26/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER(S)	B1306	B2147 B2084	B1306	B2147 B2084	B2147 B2084	B1306	B2187 B2084			
INORGANICS										
Cyanide	< 10	< 10	500	440	< 10	20	< 10			
VOLATILE ORGANIC COMPOUNDS										
Benzene	< 0.6	< 0.6	< 0.6	0.8	< 0.6	< 0.6	< 0.6	5		.067
TERT-Butylbenzene	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	*		*
Chloroethane	< 1.0	< 1.0	< 1.0	2.1	1.8	< 1.0	< 1.0	400		80
1,1-Dichloroethane	< 0.8	< 0.8	< 0.8	1.0	1.4	< 0.8	< 0.8	850		85
CIS-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	100		10
TRANS-1,2-Dichloroethene	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	100		20
Isopropylbenzene	< 0.6	< 0.6	< 0.6	0.7	0.8	< 0.6	< 0.6	*		*
Methylene Chloride	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	150		15
Toluene	< 0.7	0.9	< 0.7	1.0	0.8	< 0.7	< 0.7	343		68.6
1,1,1-Trichloroethane	< 0.8	< 0.8	< 0.8	2.1	2.6	< 0.8	< 0.8	200		40
Trichloroethene	< 0.8	< 0.8	< 0.8	1.0	1.0	< 0.8	< 0.8	5		0.18
O-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	*		*
M&P-Xylene	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	*		*
Xylenes (Total)***	ND	1.0	ND	1.0	ND	ND	ND	620		124

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

ND Not Detected

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-17	MW-17	MW-43	MW-43	NR 140			
	DATE	12/22/92	03/24/93	12/22/92	03/24/93	03/26/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER(S)	B1326 B1332	B2102	B1332 B1326	B2102 B2084				
INORGANICS								
Cyanide	< 10	NA	< 10	70	200	40		
VOLATILE ORGANIC COMPOUNDS								
Benzene	< 0.6	< 0.6	< 0.6	< 0.6	5	.067		
TERT-Butylbenzene	< 1.5	< 1.5	< 1.5	< 1.5	*	*		
Chloroethane	< 1.0	< 1.0	< 1.0	< 1.0	400	80		
1,1-Dichloroethane	< 0.8	< 0.8	< 0.8	0.9	850	85		
CIS-1,2-Dichloroethene	< 1.5	8.4	8.2	8.1	100	10		
TRANS-1,2-Dichloroethene	< 1.2	< 1.2	13	12	100	20		
Isopropylbenzene	< 0.6	< 0.6	< 0.6	< 0.6	*	*		
Methylene Chloride	< 2.1	2.6	< 2.1	< 2.1	150	15		
Toluene	< 0.7	< 0.7	< 0.7	< 0.7	343	68.6		
1,1,1-Trichloroethane	< 0.8	< 0.8	< 0.8	< 0.8	200	40		
Trichloroethene	< 0.8	3.5****	21	17	5	0.18		
O-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	*	*		
M&P-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	*	*		
Xylenes (Total)***	ND	ND	ND	ND	620	124		

Note: All values in $\mu\text{g/l}$ (parts per billion)
 * No standards currently exist
 ** Per Chapter NR 140, Wisconsin Administrative Code
 *** Sum of O-Xylene and M&P-Xylene
 **** Possible carry over
 <1.0 Indicates Laboratory Quantification Limit
 PAL Preventive Action Limit
 NA Not Analyzed
 ND Not Detected

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-1B	MW-1B	MW-01B MW-18B (MW18 duplicate)	MW-18A	MW-18A	MW-18B	MW-18B	MW-18C	MW-18C	MW-18D	MW-18D (MW-18DD)	NR 140	
	DATE	03/24/93 03/26/93	03/24/93 03/26/93	12/22/92	03/24/93	12/22/92	03/24/93	12/22/92	03/26/93	12/22/92	03/24/93 03/25/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER(S)	B1332 B1326	B2102 B2084	B2102 B2084	B1332	B2102	B1332	B2102	B1332 B1326	B2084	B1332 B1326	B2102 B2147		
INORGANICS													
Oxide	<10	<10	210	NA	NA	NA	NA	<10	<10	<10	<10	200	40
VOLATILE ORGANIC COMPOUNDS													
Benzene	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	<15	< 0.8	< 0.8	5	.067
n-Butylbenzene	< 1.1	< 1.1	< 1.1	2.1	< 1.1	< 1.1	< 1.1	< 1.1	< 27	2.0	9.8	*	*
Chloroethane	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.4	< 25	< 1.0	< 1.0	400	80
1,1-Dichloroethane	7.2	2.8	2.4	< 0.8	< 0.8	< 0.8	< 0.8	190	89	< 0.8	< 0.8	850	85
1,2-Dichloroethane	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 22	< 0.9	< 0.9	5	0.05
1,1-Dichloroethene	7.7	5.7	4.6	< 1.3	< 1.3	< 1.3	< 1.3	9.6	< 32	< 1.3	< 1.3	7	0.024
CIS-1,2-Dichloroethane	680	510	520	< 1.5	< 1.5	< 1.5	< 1.5	980	860	< 1.5	2.9	100	10
TRANS-1,2-Dichloroethane	690	90	140	< 1.2	< 1.2	< 1.2	< 1.2	93	57	< 1.2	< 1.2	100	20
1,1-Dichloropropane	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.5	< 13	< 0.5	< 0.5	*	*
Ethylbenzene	< 0.5	< 0.5	< 0.5	7.6	< 0.5	< 0.5	< 0.5	< 0.5	14	< 0.5	< 0.5	1260	272
Isopropylbenzene	< 0.5	< 0.8	< 0.8	1.7	< 0.6	< 0.6	< 0.6	< 0.6	< 15	< 0.6	1.4	*	*
p-Isopropyltoluene	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 17	2.2	< 0.7	*	*
Methylene Chloride	< 2.1	6.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	92	< 2.1	< 2.1	160	15
Naphthalene	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	190	< 1.5	< 1.5	40	8
n-Propylbenzene	< 0.9	< 0.9	< 0.9	2.3	< 0.9	< 0.9	< 0.9	< 0.9	< 23	2.3	< 0.9	*	*
Toluene	1.5	< 0.7	< 0.7	2.1	< 0.7	1.9	< 0.7	< 0.7	< 18	1.5	< 0.7	343	66.8
1,1,1-Trichloroethane	8.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 20	< 0.8	< 0.8	200	40
Trichloroethane	1600	1600	1700	< 0.8	< 0.8	< 0.8	< 0.8	1100	490	< 0.8	< 0.8	5	0.18
1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 1.0	4.4	< 1.0	< 1.0	< 1.0	< 1.0	< 28	9.2	< 1.0	*	*
1,3,5-Trimethylbenzene	< 0.8	< 0.8	< 0.8	2.1	< 0.8	< 0.8	< 0.8	< 0.8	25	2.7	< 0.8	*	*
Vinyl Chloride	2100	440	440	< 0.7	< 0.7	< 0.7	< 0.7	64	60	< 0.7	< 0.7	0.2	0.0015
O-Xylene	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 25	2.5	< 1.0	*	*
m-P-Xylene	< 1.0	< 1.0	< 1.0	9.9	< 1.0	< 1.0	< 1.0	< 1.0	< 25	1.5	< 1.0	*	*
Xylenes (Total)	ND	ND	ND	11.4	ND	ND	ND	ND	ND	4.0	ND	620	124

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
 NA Not Analyzed
 ND Not Detected

Laboratory analysis by Swenson Environmental, Inc., Brookfield, Wisconsin, AHA Accreditation #352, Certification #268181790
 Sum of O-Xylene and m-P-Xylene or Xylenes detections

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

PARAMETER DATE	MW-19	MW-19	MW-20	MW-20	NR 140	
	12/22/92	03/24/93 03/26/93	12/22/92	03/24/93 03/26/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER(S)	B1332 B1326	B2102 B2084	B1332 B1335	B2102 B2084		
INORGANICS						
Cyanide	<10	<10	<10	<10	200	40
VOLATILE ORGANIC COMPOUNDS						
Benzene	< 0.6	< 0.6	< 6	< 0.6	5	.067
N-Butylbenzene	< 1.1	< 1.1	< 11	< 1.1	*	*
Chloroethane	6.6	7.9	53	21	400	80
1,1-Dichloroethane	14	6.5	98	42	850	85
1,2-Dichloroethane	14	< 0.9	< 9	< 0.9	5	0.05
1,1-Dichloroethene	< 1.3	< 1.3	< 13	< 1.3	7	0.024
CIS-1,2-Dichloroethene	8.6	5.6	410	430	100	10
TRANS-1,2-Dichloroethene	1.5	< 1.2	24	< 1.2	100	20
1,1-Dichloropropene	< 0.5	< 0.5	< 5	< 0.5	*	*
Ethylbenzene	< 0.5	< 0.5	< 5	< 0.5	1360	272
Isopropylbenzene	< 0.6	< 0.6	< 6	< 0.6	*	*
P-Isopropyltoluene	< 0.7	< 0.7	< 7	< 0.7	*	*
Methylene Chloride	< 2.1	< 2.1	< 21	< 2.1	150	15
Naphthalene	< 1.5	< 1.5	< 15	< 1.5	40	8
N-Propylbenzene	< 0.9	< 0.9	< 9	< 0.9	*	*
Toluene	< 0.7	< 0.7	< 7	< 0.7	343	68.8
1,1,1-Trichloroethane	< 0.8	< 0.8	< 8	2.1	200	40
Trichloroethene	46	27	53	58	5	0.18
1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 10	< 1.0	*	*
1,3,5-Trimethylbenzene	< 0.8	< .08	< 8	< 0.8	*	*
Vinyl Chloride	4.1	4.1	56	11	0.2	0.0015
O-Xylene	< 1.0	< 1.0	< 10	< 1.0	*	*
M&P-Xylene	< 1.0	< 1.0	< 10	< 1.0	*	*
Xylenes (Total)	ND	ND	ND	ND	620	124

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
 ND Not Detected

Laboratory analysis by Swenson Environmental, Inc., Brookfield, Wisconsin, AIHA Accreditation #352, Certification #268181760
 Sum of O-Xylene and Mdp-Xylene or Xylenes detections

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

PARAMETER DATE	MW-21	MW-21	MW-21A	MW-21A	NR 140	
	12/23/92	03/26/93	12/23/92	03/26/93	Enforcement Standard	PAL**
LABORATORY REPORT NUMBER	B1332	B2084	B1332	B2084		
VOLATILE ORGANIC COMPOUNDS						
Benzene	3.4	1.4	< 0.6	< 3	5	.067
N-Butylbenzene	6.8	< 1.1	6.8	< 6	*	*
TERT-Butylbenzene	< 1.5	1.6	< 1.5	< 7	*	*
Chloroethane	< 1.0	< 1.0	44	28	400	80
CIS-1,2-Dichloroethene	< 1.5	1.7	280	120	100	10
TRANS-1,2-Dichloroethene	< 1.2	< 1.2	7.4	< 6	100	20
Ethylbenzene	1.7	1.0	< 0.5	< 3	1360	272
Isopropylbenzene	< 0.6	5.6	< 0.6	< 3	*	*
Methylene Chloride	< 2.1	< 2.1	< 2.1	11	150	15
N-Propylbenzene	12	< 0.9	< 0.9	< 5	*	*
Styrene	< 1.0	1.5	< 1.0	< 5	*	*
Toluene	< 0.7	0.8	1.7	< 4	343	68.6
1,2,4-Trimethylbenzene	35	< 1.0	< 1.0	< 5	*	*
1,3,5-Trimethylbenzene	8.9	1.0	< 0.8	4.1	*	*
Vinyl Chloride	< 0.7	< 0.7	88	22	0.2	0.0015
O-Xylene	2.0	< 1.0	< 1.0	< 5	*	*
M&P-Xylene	1.4	< 1.0	< 1.0	< 5	*	*
Xylenes (Total)***	3.4	ND	ND	ND	620	124

Note: All values in $\mu\text{g/l}$ (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
- ND Not Detected

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

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

PARAMETER	MW-25	MW-26	MW-26	MW-26	MW-27	MW-27	MW-27A	MW-27A	MW-27B	MW-27B	MW-27B (MW-27B duplicate)	MW-27C	MW-27C	MW-27D	MW-27D	MW-27E	MW-27E	MW-28	MW-28	NR 140	PAL**	
DATE	12/22/92	02/24/93	12/22/92	02/24/93	12/21/92	03/24/93	12/22/92	03/24/93	12/22/92	03/24/93	03/24/93	12/21/92	03/24/93	12/21/92	03/24/93	12/22/92	03/24/93	12/21/92	03/24/93	Enforcement Standard	PAL**	
LABORATORY REPORT NUMBER	B1322	B2102	B1322	B2102	B1322	B2102	B1322	B2102	B1322	B2102	B2102	B1322	B2102	B1322	B2102	B1322	B2102	B1322	B2102			
BROMOFORM	2.5	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	4.4	0.44	
CARBON TETRACHLORIDE	4.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	
1,1-DICHLOROETHANE	< 0.8	< 0.8	< 0.8	< 0.8	12	17	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	950	85	
1,1-DICHLOROETHENE	< 1.3	11	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	7	0.024
CIS-1,2-DICHLOROETHENE	490	810	1.6	< 1.0	60	23	2.3	4.5	< 1.5	< 1.0	< 1.0	< 1.5	< 1.0	9.3	7.4	830	240	< 1.5	4.9	100	10	
TRANS-1,2-DICHLOROETHENE	1480	1200	< 1.2	< 1.2	120	41	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	8.7	1.8	< 1.2	39	< 1.2	< 1.2	100	20	
1,3-DICHLOROPROPANE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	*	*	
1,1-DICHLOROPROPENE	< 0.5	< 0.5	< 0.5	< 0.5	2.8	3.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	*	*
ETHYLBENZENE	< 0.5	< 0.5	< 0.5	< 0.5	2.0	< 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	1300	272
ISOPROPYLBENZENE	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	3.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	*	*
METHYLENE CHLORIDE	< 2.1	4.5	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	160	15
N-PROPYLBENZENE	< 0.9	< 0.9	< 0.9	< 0.9	1.4	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	*	*
TOLUENE	< 0.7	< 0.7	1.3	< 0.7	2.2	< 0.7	1.4	< 0.7	1.3	< 0.7	< 0.7	2.3	< 0.7	1.8	< 0.7	1.6	< 0.7	1.9	< 0.7	243	88.6	
1,1,1-TRICHLOROETHANE	< 0.8	< 0.8	4.0	1.3	34	69	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	200	40
TRICHLOROETHENE	830	300	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	75	95	84	< 0.8	< 0.8	< 0.8	< 0.8	130	180	< 0.8	16	8	0.18	
VINYL CHLORIDE	820	470	< 0.7	< 0.7	< 0.7	< 0.7	8.0	18	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	220	< 0.7	< 0.7	8.5	0.2	0.0018	

Note: All values in µg/l (parts per billion)
 * No standards currently exist
 ** For Chapter NR 140, Wisconsin Administrative Code
 *** Sum of D-Xylene and M-Xylene detectors
 <1.0 Institute Laboratory Quantification Limit
 PAL Preventive Action Limit

Laboratory analysis by Swanson Environmental, Inc., Brookfield, Wisconsin, ARMA Accreditation #352, Certification #108181700



ATTACHMENT A
WATER LEVEL DATA

**WATER LEVEL DATA
CHRYSLER KENOSHA MAIN PLANT
KENOSHA, WISCONSIN
MARCH 1993**

WELL NUMBER	RISER ELEVATION (feet)	DEPTH TO WATER (feet)	DATE	WATER ELEVATION (feet)
MW-1	624.72	7.05	03/26/93	617.67
MW-2	624.51	4.75	03/25/93	619.76
MW-3	623.21	NM	--	NM
MW-4	620.95	8.00	03/26/93	612.95
MW-5	620.82	12.76	03/26/93	608.06
MW-5A	621.35	12.31	03/26/93	609.04
MW-6	619.99	NM	--	NM
MW-6A	624.09	7.47	03/26/93	616.62
MW-6C	624.01	7.09	03/26/93	616.92
MW-7	620.58	4.07	03/26/93	616.51
MW-8	621.63	2.98	03/26/93	618.65
MW-8A	621.91	9.91	03/26/93	612.00
MW-10	628.82	NM	--	NM
MW-11	623.88	4.99	03/26/93	618.89
MW-11A	626.99	NM	--	NM
MW-11B	625.90	4.68	03/24/93	621.22
MW-11C	626.71	8.11	03/26/93	618.60
MW-11D	626.87	NM	--	NM
MW-12	625.86	10.81	03/25/93	615.05
MW-13A	627.25	9.61	03/25/93	617.64
MW-14	622.34	4.62	03/25/93	617.72
MW-15	624.31	9.71	03/26/93	614.60
MW-16	622.44	5.12	03/25/93	617.32
MW-16A	626.17	7.47	03/25/93	618.70
MW-17	622.79	4.29	03/24/93	618.50
MW-17A	626.79	NM	--	NM
MW-17B	627.10	NM	--	NM
MW-18	624.09	7.70	03/24/93	616.39
MW-18A	628.58	12.11	03/24/93	616.47
MW-18B	627.93	9.38	03/26/93	618.55
MW-18C	627.94	11.85	03/26/93	616.09
MW-18D	626.79	9.83	03/24/93	616.96
MW-19	622.40	4.91	03/24/93	617.49
MW-20	624.85	8.81	03/24/93	616.04
MW-21	625.81	9.38	03/26/93	616.43
MW-21A	626.79	9.26	03/26/93	617.53
MW-22	627.01	2.55	03/26/93	624.46

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

WELL NUMBER	RISER ELEVATION (feet)	DEPTH TO WATER (feet)	DATE	WATER ELEVATION (feet)
MW-23	624.55	8.14	03/26/93	616.41
MW-24	619.87	1.40	03/26/93	618.47
MW-24A	630.06	6.15	03/26/93	623.91
MW-25	628.77	11.29	03/24/94	617.48
MW-26	626.24	7.63	03/24/93	618.61
MW-27	625.61	7.99	03/24/93	617.62
MW-27A	625.14	8.66	03/24/93	616.48
MW-27B	625.79	6.38	03/24/93	619.41
MW-27C	627.87	7.98	03/24/93	619.89
MW-27D	627.91	12.00	03/24/93	615.91
MW-27E	629.43	13.72	03/24/93	615.71
MW-28	623.69	7.50	03/24/93	616.19
MW-29	626.43	6.75	03/25/93	619.68
MW-29A	627.28	9.44	03/25/93	617.84
MW-30	625.82	8.43	03/25/93	617.39
MW-31	627.38	10.60	03/25/93	616.78
MW-34R	625.22	NM	--	NM
MW-35B	628.80	10.65	03/25/93	618.15
MW-36A	628.15	12.44	03/25/93	615.71
MW-37	628.72	7.79	03/26/93	620.93
MW-38	628.51	8.75	03/25/93	619.76
MW-40	628.67	8.39	03/25/93	620.28
MW-41	628.86	8.94	03/25/93	619.92
MW-43	626.00	8.47	03/24/93	617.53
OBSERVATION SUMP	626.10	7.38	03/25/93	618.72
OW-1	620.83	NM	--	NM
OW-2	623.26	NM	--	NM
SUMP-1	621.98	3.63	03/25/93	618.35
SUMP-2	625.00	6.28	03/25/93	618.72
SUMP-3	626.97	23.19	03/26/93	603.78
SUMP-4	629.35	11.53	03/25/93	617.82
TANK SUMP		NM	--	NM

NM = Not Measured



ATTACHMENT B

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

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



WDR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2084

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: mg/l (ppm)

<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4839-4</u> <u>MW-14</u>	<u>4839-5</u> <u>MW-16</u>	<u>4839-6</u> <u>MW-16D</u>	<u>4839-7</u> <u>MW-18</u>
Cyanides, Dissolved		<0.01	0.44	<0.01	<0.01

<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4839-8</u> <u>MW-18E</u>	<u>4839-9</u> <u>MW-18C</u>	<u>4839-10</u> <u>MW-19</u>	<u>4839-11</u> <u>MW-20</u>
Cyanides, Dissolved		0.21	<0.01	<0.01	0.01

<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4839-13</u> <u>MW-16A</u>	<u>4839-16</u> <u>MW-43</u>
Cyanides, Dissolved		0.01	0.07

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ANALYTICAL REPORT

REPORT NUMBER: B2084

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93
 DATE ANALYZED: 04/02/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4839-1</u> <u>MW-5</u>
EPA Method 8020		
Benzene		110
Toluene		5
Ethylbenzene		12
Xylenes		7

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2084
 AMENDED 05/03/93

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

Attn: Mr. Rick Binder
 Project #11013-QS

RECEIVED MAY 0 5 1993

DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93
 DATE ANALYZED: 04/02/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4839-2 ^a	4839-3	4839-9 ^a
		Sample ID	MW-11	MW-11C	MW-18C
EPA Method 8021					
78124	Benzene		82	0.7	<15
81555	Bromobenzene		<30	<1.2	<30
77297	Bromochloromethane		<27	<1.1	<27
32101	Bromodichloromethane		<22	<0.9	<22
32104	Bromoform		<52	<2.1	<52
34413	Bromomethane		<25	<1.0	<25
77342	n-Butylbenzene		<27	1.7	<27
77350	sec-Butylbenzene		<17	<0.7	<17
77353	tert-Butylbenzene		<37	<1.5	<37
32102	Carbon tetrachloride		<20	<0.8	<20
34301	Chlorobenzene		<15	<0.6	<15
34306	Chlorodibromomethane		<37	<1.5	<37
34311	Chloroethane		<25	65	<25
32106	Chloroform		<13	<0.5	<13
34418	Chloromethane		<25	<1.0	<25
77275	2-Chlorotoluene		<25	<1.0	<25
77277	4-Chlorotoluene		<25	<1.0	<25
38437	1,2-Dibromo-3-chloropropane		<25	<1.0	<25
77651	1,2-Dibromoethane		<75	<3.0	<75
77596	Dibromomethane		<30	<1.2	<30

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DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93
 DATE ANALYZED: 04/02/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4839-2 ^a	4839-3	4839-9 ^a
		Sample ID	MW-11	MW-11C	MW-18C
EPA Method 8021					
34536	1,2-Dichlorobenzene		<25	<1.0	<25
34566	1,3-Dichlorobenzene		<25	<1.0	<25
34571	1,4-Dichlorobenzene		<25	<1.0	<25
34668	Dichlorodifluoromethane		<25	<1.0	<25
34496	1,1-Dichloroethane		<20	3.4	99
32103	1,2-Dichloroethane		<22	<0.9	<22
34501	1,1-Dichloroethene		<32	<1.3	<32
77093	cis-1,2-Dichloroethene		<37	1.8	860
34546	trans-1,2-Dichloroethene		<30	2.4	57
34541	1,2-Dichloropropane		<25	<1.0	<25
77173	1,3-Dichloropropane		<25	<1.0	<25
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<25	<1.0	<25
77168	1,1-Dichloropropene		<13	<0.5	<13
78113	Ethylbenzene		460	<0.5	14
34391	Hexachlorobutadiene		<20	<0.8	<20
77223	Isopropylbenzene		27	<0.6	<15
77356	p-Isopropyltoluene		<17	0.9	<17
34423	Methylene chloride		100	2.6	92
34696	Naphthalene		<37	<1.5	190

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Triad Engineering, Inc.
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 Milwaukee, WI 53202

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93
 DATE ANALYZED: 04/02/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4839-2 ^a	4839-3	4839-9 ^a
		Sample ID	MW-11	MW-11C	MW-18C
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<22	<0.9	<22
77128	Styrene		<25	<1.0	<25
77562	1,1,1,2-Tetrachloroethane		<15	<0.6	<15
34516	1,1,2,2-Tetrachloroethane		<37	<1.5	<37
34475	Tetrachloroethene		<22	<0.9	<22
78131	Toluene		48	0.7	<17
77613	1,2,3-Trichlorobenzene		<25	<1.0	<25
34551	1,2,4-Trichlorobenzene		<15	<0.6	<15
34506	1,1,1-Trichloroethane		<20	<0.8	<20
34511	1,1,2-Trichloroethane		<25	<1.0	<25
39180	Trichloroethene		<20	<0.8	490
34488	Trichlorofluoromethane		<20	<0.8	<20
77443	1,2,3-Trichloropropane		<37	<1.5	<37
77222	1,2,4-Trimethylbenzene		69	1.8	<25
77226	1,3,5-Trimethylbenzene and/or o-Chlorotoluene		100	1.3	25
39175	Vinyl chloride		<17	0.8	60
77135	o-Xylenes		45	<1.0	<25
85795	m & p Xylenes		1,100	<1.0	<25

a Elevated detection level due to high analyte concentration; a 25x dilution necessary.

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ANALYTICAL REPORT

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DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93
 DATE ANALYZED: 04/02/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4839-12	4839-14 ^b	4839-15
		Sample ID	MW-21	MW-21A	MW-37
EPA Method 8021					
78124	Benzene		1.4	<3	0.9
81555	Bromobenzene		<1.2	<6	<1.2
77297	Bromochloromethane		<1.1	<5	<1.1
32101	Bromodichloromethane		<0.9	<4	<0.9
32104	Bromoform		<2.1	<10	<2.1
34413	Bromomethane		<1.0	<5	<1.0
77342	n-Butylbenzene		<1.1	<6	<1.1
77350	sec-Butylbenzene		<0.7	<3	<0.7
77353	tert-Butylbenzene		1.6	<7	<1.5
32102	Carbon tetrachloride		<0.8	<4	<0.8
34301	Chlorobenzene		<0.6	<3	<0.6
34306	Chlorodibromomethane		<1.5	<7	<1.5
34311	Chloroethane		<1.0	28	<1.0
32106	Chloroform		<0.5	<3	<0.5
34418	Chloromethane		<1.0	<5	<1.0
77275	2-Chlorotoluene		<1.0	<5	<1.0
77277	4-Chlorotoluene		<1.0	<5	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<5	<1.0
77651	1,2-Dibromoethane		<3.0	<15	<3.0
77596	Dibromomethane		<1.2	<6	<1.2

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ANALYTICAL REPORT

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 5, 1993
 PURCHASE ORDER:
 SEI NO: WL4839
 DATE COLLECTED: 03/26/93
 DATE RECEIVED: 03/29/93
 DATE ANALYZED: 04/02/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4839-12	4839-14 ^b	4839-15
		Sample ID	MW-21	MW-21A	MW-37
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<5	<1.0
34566	1,3-Dichlorobenzene		<1.0	<5	<1.0
34571	1,4-Dichlorobenzene		<1.0	<5	<1.0
34668	Dichlorodifluoromethane		<1.0	<5	<1.0
34496	1,1-Dichloroethane		<0.8	<4	1.3
32103	1,2-Dichloroethane		<0.9	<4	<0.9
34501	1,1-Dichloroethene		<1.3	<7	<1.3
77093	cis-1,2-Dichloroethene		1.7	120	<1.5
34546	trans-1,2-Dichloroethene		<1.2	<6	<1.2
34541	1,2-Dichloropropane		<1.0	<5	<1.0
77173	1,3-Dichloropropane		<1.0	<5	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<5	<1.0
77168	1,1-Dichloropropene		<0.5	<3	<0.5
78113	Ethylbenzene		1.0	<3	<0.5
34391	Hexachlorobutadiene		<0.8	<4	<0.8
77223	Isopropylbenzene		5.6	<3	<0.6
77356	p-Isopropyltoluene		<0.7	<4	<0.7
34423	Methylene chloride		<2.1	11	<2.1
34696	Naphthalene		<1.5	<7	<1.5



ANALYTICAL REPORT

REPORT NUMBER: B2084

Triad Engineering, Inc.
325 East Chicago Street
Milwaukee, WI 53202Attn: Mr. Rick Binder
Project #11013-QSDATE: April 5, 1993
PURCHASE ORDER:
SEI NO: WL4839
DATE COLLECTED: 03/26/93
DATE RECEIVED: 03/29/93
DATE ANALYZED: 04/02/93Matrix: Groundwater
Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4839-12	4839-14 ^b	4839-15
		Sample ID	MW-21	MW-21A	MW-37
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<5	<0.9
77128	Styrene		1.5	<5	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<3	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<7	<1.5
34475	Tetrachloroethane		<0.9	<5	<0.9
78131	Toluene		0.8	<4	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<5	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<3	<0.6
34506	1,1,1-Trichloroethane		<0.8	<4	<0.8
34511	1,1,2-Trichloroethane		<1.0	<5	<1.0
39180	Trichloroethene		<0.8	<4	<0.8
34488	Trichlorofluoromethane		<0.8	<4	<0.8
77443	1,2,3-Trichloropropane		<1.5	<7	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<5	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		1.0	4	<0.8
39175	Vinyl chloride		<0.7	22	<0.7
77135	o-Xylenes		<1.0	<5	<1.0
85795	m & p Xylenes		<1.0	<5	<1.0

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

Gary E. Barry
Gary E. Barry
Projects Coordinator

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



WDR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2102

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

Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-1	4805-2	4805-3
		Sample ID	MW-19	MW-26	MW-27D
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		7.9	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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ANALYTICAL REPORT

REPORT NUMBER: B2102

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

Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-1	4805-2	4805-3
		Sample ID	MW-19	MW-26	MW-27D
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		6.5	<0.8	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		5.6	<1.5	7.4
34546	trans-1,2-Dichloroethene		<1.2	<1.2	1.5
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-1	4805-2	4805-3
		Sample ID	MW-19	MW-26	MW-27D
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethane		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34508	1,1,1-Trichloroethane		<0.8	1.3	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene	27	<0.8	<0.8	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		4.1	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

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ANALYTICAL REPORT

REPORT NUMBER: B2102

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

Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-4</u> <u>MW-27C</u>	<u>4805-5</u> <u>MW-18D</u>	<u>4805-6</u> <u>MW-27E</u>
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	9.8	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2102

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

Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-4</u> <u>MW-27C</u>	<u>4805-5</u> <u>MW-18D</u>	<u>4805-6</u> <u>MW-27E</u>
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		<0.8	<0.8	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		<1.5	2.9	240
34546	trans-1,2-Dichloroethene		<1.2	<1.2	36
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	1.4	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-4</u> <u>MW-27C</u>	<u>4805-5</u> <u>MW-18D</u>	<u>4805-6</u> <u>MW-27E</u>
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		<0.8	<0.8	180
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-7	4805-8	4805-9
		Sample ID	MW-20	MW-11B	MW-27A
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		21	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	SEI ID <u>Sample ID</u>	4805-7 <u>MW-20</u>	4805-8 <u>MW-11B</u>	4805-9 <u>MW-27A</u>
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane	42	<0.8	<0.8	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene	430	<1.5	<1.5	4.5
34546	trans-1,2-Dichloroethene		<1.2	<1.2	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropane		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-7</u> <u>MW-20</u>	<u>4805-8</u> <u>MW-11B</u>	<u>4805-9</u> <u>MW-27A</u>
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		2.1	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		58	<0.8	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		11	<0.7	18
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-10	4805-11	4805-12
		Sample ID	MW-43	MW-28	MW-18
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-10	4805-11	4805-12
		Sample ID	MW-43	MW-28	MW-18
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		0.9	<0.8	2.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	5.7
77093	cis-1,2-Dichloroethene		8.1	4.9	510
34546	trans-1,2-Dichloroethene		12	<1.2	90
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	6.1
34696	Naphthalene		<1.5	<1.5	<1.5

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Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-10</u> <u>MW-43</u>	<u>4805-11</u> <u>MW-28</u>	<u>4805-12</u> <u>MW-18</u>
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		17	15	1,600
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or o-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	5.5	440
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID Sample ID	4805-13	4805-14	4805-15
			MW-17	MW-18A	MW-18B
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-13	4805-14	4805-15
		Sample ID	MW-17	MW-18A	MW-18B
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		<0.8	<0.8	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		8.4	<1.5	<1.5
34546	trans-1,2-Dichloroethene		<1.2	<1.2	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		2.6	<2.1	<2.1
34698	Naphthalene		<1.5	<1.5	<1.5

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



WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2102

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

Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-13	4805-14	4805-15
		Sample ID	MW-17	MW-18A	MW-18B
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		3.5	<0.8	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

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DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/24/93
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 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-16</u> <u>MW-25</u>	<u>4805-17</u> <u>MW-018</u>	<u>4805-18</u> <u>MW-27B</u>
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	SEI ID <u>Sample ID</u>	4805-16 <u>MW-25</u>	4805-17 <u>MW-Q18</u>	4805-18 <u>MW-27B</u>
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		<0.8	2.4	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		11	4.6	<1.3
77093	cis-1,2-Dichloroethene		510	520	<1.5
34546	trans-1,2-Dichloroethene		1,200	140	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		4.3	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4805-16	4805-17	4805-18
		Sample ID	MW-25	MW-018	MW-27B
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		300	1,700	65
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		470	440	<0.7
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

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Attn: Mr. Rick Binder
 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/22&24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-19</u> <u>MW-027B</u>	<u>4805-20</u> <u>MW-27</u>	<u>4805-21</u> <u>Trip Blk</u>
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2



ANALYTICAL REPORT

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Triad Engineering, Inc.
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Milwaukee, WI 53202Attn: Mr. Rick Binder
Project #11013DATE: April 7, 1993
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SEI NO: WL4805
DATE COLLECTED: 03/22&24/93
DATE RECEIVED: 03/25/93
DATE ANALYZED: 03/29/93Matrix: Groundwater
Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4805-19</u> <u>MW-027B</u>	<u>4805-20</u> <u>MW-27</u>	<u>4805-21</u> <u>Trip Blk</u>
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		<0.8	17	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		<1.5	23	<1.5
34546	trans-1,2-Dichloroethene		<1.2	41	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	3.1	<1.0
77170	2,2-Dichloropropane and/or 1,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	2.2	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	3.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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ANALYTICAL REPORT

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Triad Engineering, Inc.
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 Project #11013

DATE: April 7, 1993
 PURCHASE ORDER:
 SEI NO: WL4805
 DATE COLLECTED: 03/22&24/93
 DATE RECEIVED: 03/25/93
 DATE ANALYZED: 03/29/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID Sample ID	4805-19 MW-027B	4805-20 MW-27	4805-21 Trip Blk
EPA Method 8021					
77224	n-Propylbenzene and/or Bromobenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		<0.7	<0.7	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	69	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		58	<0.8	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene and/or O-Chlorotoluene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		<1.0	<1.0	<1.0

Gary E. Barry
 Gary E. Barry
 Projects Coordinator

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FAX (414) 783-5752



WDR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2147

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

Attn: Mr. Rick Binder
Project #11013-QS

DATE: April 13, 1993
PURCHASE ORDER:
SEI NO: WL4819
DATE COLLECTED: 03/25/93
DATE RECEIVED: 03/26/93

Matrix: Groundwater
Source: Chrysler

Units: mg/l (ppm)

Analyte	SEI ID Sample ID	4819-15 MW-18DD
Cyanides, Dissolved		<0.01

EPA Method 335.2

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2147

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	4819-1 <u>MW-29A</u>	4819-2 <u>MW-16D</u>	4819-3 <u>MW-12</u>
EPA Method 8021					
78124	Benzene		<0.6	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	1.7
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	1.8	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID Sample ID	4819-1 MW-29A	4819-2 MW-16D	4819-3 MW-12
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		<0.8	1.4	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		<1.5	<1.5	<1.5
34546	trans-1,2-Dichloroethene		<1.2	<1.2	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.8	0.8	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	SEI ID <u>Sample ID</u>	4819-1 <u>MW-29A</u>	4819-2 <u>MW-16D</u>	4819-3 <u>MW-12</u>
EPA Method 8021					
77224	n-Propylbenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		1.0	0.8	0.8
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	2.6	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		<0.8	1.0	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	1.1
85795	m & p Xylenes		<1.0	<1.0	<1.0

3150 North Brookfield Road
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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2147

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4819-4	4819-5	4819-6
		Sample ID	MW-31	MW-30	MW-40
EPA Method 8021					
78124	Benzene		<0.6	<0.6	0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		1.5	2.0	1.7
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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DATE: April 13, 1993
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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4819-4	4819-5	4819-6
		Sample ID	MW-31	MW-30	MW-40
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		<0.8	<0.8	1.1
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		2.5	<1.5	5.8
34546	trans-1,2-Dichloroethene		<1.2	<1.2	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		7.0	5.1	4.0
34696	Naphthalene		<1.5	<1.5	<1.5

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4819-4	4819-5	4819-6
		Sample ID	MW-31	MW-30	MW-40
EPA Method 8021					
77224	n-Propylbenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		0.9	0.9	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		<0.8	<0.8	1.0
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		1.4	<0.8	0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	<0.7	6.7
77135	o-Xylenes		<1.0	1.0	1.0
85795	m & p Xylenes		<1.0	1.1	<1.0

ORIGINAL

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DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
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 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4819-7*</u> <u>MW-38D</u>	<u>4819-8</u> <u>MW-36A</u>	<u>4819-9*</u> <u>MW-38</u>
EPA Method 8021					
78124	Benzene		<6	<0.6	<6
81555	Bromobenzene		<12	<1.2	<12
77297	Bromochloromethane		<11	<1.1	<11
32101	Bromodichloromethane		<9	<0.9	<9
32104	Bromoform		<21	<2.1	<21
34413	Bromomethane		<10	<1.0	<10
77342	n-Butylbenzene		<11	<1.1	<11
77350	sec-Butylbenzene		<7	<0.7	<7
77353	tert-Butylbenzene		<15	1.7	<15
32102	Carbon tetrachloride		<8	<0.8	<8
34301	Chlorobenzene		<6	<0.6	<6
34306	Chlorodibromomethane		<15	<1.5	<15
34311	Chloroethane		<10	33	<10
32106	Chloroform		<5	<0.5	<5
34418	Chloromethane		<10	<1.0	<10
77275	2-Chlorotoluene		<10	<1.0	<10
77277	4-Chlorotoluene		<10	<1.0	<10
38437	1,2-Dibromo-3-chloropropane		<10	<1.0	<10
77651	1,2-Dibromoethane		<30	<3.0	<30
77596	Dibromomethane		<12	<1.2	<12

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DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID Sample ID	4819-7* MW-38D	4819-8 MW-36A	4819-9* MW-38
EPA Method 8021					
34536	1,2-Dichlorobenzene		<10	<1.0	<10
34566	1,3-Dichlorobenzene		<10	<1.0	<10
34571	1,4-Dichlorobenzene		<10	<1.0	<10
34668	Dichlorodifluoromethane		<10	<1.0	<10
34496	1,1-Dichloroethane		76	<0.8	73
32103	1,2-Dichloroethane		<9	<0.9	<9
34501	1,1-Dichloroethene		<13	<1.3	<13
77093	cis-1,2-Dichloroethene		270	7	270
34546	trans-1,2-Dichloroethene		17	<1.2	17
34541	1,2-Dichloropropane		<10	<1.0	<10
77173	1,3-Dichloropropane		<10	<1.0	<10
77170	2,2-Dichloropropane		<10	<1.0	<10
77168	1,1-Dichloropropene		<5	<0.5	<5
78113	Ethylbenzene		<5	<0.5	<5
34391	Hexachlorobutadiene		<8	<0.8	<8
77223	Isopropylbenzene		<6	<0.6	<6
77356	p-Isopropyltoluene		<7	<0.7	<7
34423	Methylene chloride		<21	<2.1	<21
34696	Naphthalene		<15	<1.5	<15

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 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID Sample ID	4819-7* MW-38D	4819-8 MW-36A	4819-9* MW-38
EPA Method 8021					
77224	n-Propylbenzene		<9	<0.9	<9
77128	Styrene		<10	<1.0	<10
77562	1,1,1,2-Tetrachloroethane		<6	<0.6	<6
34516	1,1,2,2-Tetrachloroethane		<15	<1.5	<15
34475	Tetrachloroethene		<9	<0.9	<9
78131	Toluene		8	0.9	8
77613	1,2,3-Trichlorobenzene		<10	<1.0	<10
34551	1,2,4-Trichlorobenzene		<6	<0.6	<6
34506	1,1,1-Trichloroethane		10	<0.8	<8
34511	1,1,2-Trichloroethane		<10	<1.0	<10
39180	Trichloroethene		29	<0.8	26
34488	Trichlorofluoromethane		<8	<0.8	<8
77443	1,2,3-Trichloropropane		<15	<1.5	<15
77222	1,2,4-Trimethylbenzene		<10	<1.0	<10
77226	1,3,5-Trimethylbenzene		<8	<0.8	<8
39175	Vinyl chloride		240	4.5	210
77135	o-Xylenes		<10	<1.0	<10
85795	m & p Xylenes		<10	<1.0	<10

* Elevated detection level due to matrix interference; a 10x dilution necessary.

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WDRN Certification #268181760

ANALYTICAL REPORT

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 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
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 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4819-10	4819-11	4819-12
		Sample ID	MW-16	MW-29	MW-16A
EPA Method 8021					
78124	Benzene		0.8	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bromochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	1.8
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		2.1	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromoethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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ANALYTICAL REPORT

REPORT NUMBER: B2147

Triad Engineering, Inc.
 325 East Chicago Street
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Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
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 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4819-10	4819-11	4819-12
		Sample ID	MW-16	MW-29	MW-16A
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		<1.0	<1.0	<1.0
34496	1,1-Dichloroethane		1.0	<0.8	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		<1.5	<1.5	<1.5
34546	trans-1,2-Dichloroethene		<1.2	<1.2	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		0.7	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	2.6	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID	4819-10	4819-11	4819-12
		Sample ID	MW-16	MW-29	MW-16A
EPA Method 8021					
77224	n-Propylbenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		1.0	1.0	1.0
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		2.1	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		1.0	<0.8	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene		<0.8	<0.8	<0.8
39175	Vinyl chloride		<0.7	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	1.0
85795	m & p Xylenes		1.0	<1.0	1.0

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 DATE ANALYZED: 03/30/93

Matrix: Groundwater

Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4819-13</u> <u>MW-41</u>	<u>4819-14</u> <u>MW-14</u>	<u>4819-16</u> <u>Trip Blk</u>
EPA Method 8021					
78124	Benzene		0.8	<0.6	<0.6
81555	Bromobenzene		<1.2	<1.2	<1.2
77297	Bronochloromethane		<1.1	<1.1	<1.1
32101	Bromodichloromethane		<0.9	<0.9	<0.9
32104	Bromoform		<2.1	<2.1	<2.1
34413	Bromomethane		<1.0	<1.0	<1.0
77342	n-Butylbenzene		<1.1	<1.1	<1.1
77350	sec-Butylbenzene		<0.7	<0.7	<0.7
77353	tert-Butylbenzene		<1.5	<1.5	<1.5
32102	Carbon tetrachloride		<0.8	<0.8	<0.8
34301	Chlorobenzene		<0.6	<0.6	<0.6
34306	Chlorodibromomethane		<1.5	<1.5	<1.5
34311	Chloroethane		<1.0	<1.0	<1.0
32106	Chloroform		<0.5	<0.5	<0.5
34418	Chloromethane		<1.0	<1.0	<1.0
77275	2-Chlorotoluene		<1.0	<1.0	<1.0
77277	4-Chlorotoluene		<1.0	<1.0	<1.0
38437	1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1.0
77651	1,2-Dibromomethane		<3.0	<3.0	<3.0
77596	Dibromomethane		<1.2	<1.2	<1.2

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



WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2147

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

<u>DNR #</u>	<u>Analyte</u>	<u>SEI ID</u> <u>Sample ID</u>	<u>4819-13</u> <u>MW-41</u>	<u>4819-14</u> <u>MW-14</u>	<u>4819-16</u> <u>Trip Blk</u>
EPA Method 8021					
34536	1,2-Dichlorobenzene		<1.0	<1.0	<1.0
34566	1,3-Dichlorobenzene		<1.0	<1.0	<1.0
34571	1,4-Dichlorobenzene		<1.0	<1.0	<1.0
34668	Dichlorodifluoromethane		20	<1.0	<1.0
34496	1,1-Dichloroethane		6.8	<0.8	<0.8
32103	1,2-Dichloroethane		<0.9	<0.9	<0.9
34501	1,1-Dichloroethene		<1.3	<1.3	<1.3
77093	cis-1,2-Dichloroethene		<1.5	<1.5	<1.5
34546	trans-1,2-Dichloroethene		<1.2	<1.2	<1.2
34541	1,2-Dichloropropane		<1.0	<1.0	<1.0
77173	1,3-Dichloropropane		<1.0	<1.0	<1.0
77170	2,2-Dichloropropane		<1.0	<1.0	<1.0
77168	1,1-Dichloropropene		<0.5	<0.5	<0.5
78113	Ethylbenzene		<0.5	<0.5	<0.5
34391	Hexachlorobutadiene		<0.8	<0.8	<0.8
77223	Isopropylbenzene		<0.6	<0.6	<0.6
77356	p-Isopropyltoluene		<0.7	<0.7	<0.7
34423	Methylene chloride		<2.1	<2.1	<2.1
34696	Naphthalene		<1.5	<1.5	<1.5

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WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B2147

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

Attn: Mr. Rick Binder
 Project #11013-QS

DATE: April 13, 1993
 PURCHASE ORDER:
 SEI NO: WL4819
 DATE COLLECTED: 03/25/93
 DATE RECEIVED: 03/26/93
 DATE ANALYZED: 03/30/93

Matrix: Groundwater
 Source: Chrysler

Units: ug/l (ppb)

DNR #	Analyte	SEI ID Sample ID	4819-13 MW-41	4819-14 MW-14	4819-16 Trip Blk
EPA Method 8021					
77224	n-Propylbenzene		<0.9	<0.9	<0.9
77128	Styrene		<1.0	<1.0	<1.0
77562	1,1,1,2-Tetrachloroethane		<0.6	<0.6	<0.6
34516	1,1,2,2-Tetrachloroethane		<1.5	<1.5	<1.5
34475	Tetrachloroethene		<0.9	<0.9	<0.9
78131	Toluene		0.8	0.9	<0.7
77613	1,2,3-Trichlorobenzene		<1.0	<1.0	<1.0
34551	1,2,4-Trichlorobenzene		<0.6	<0.6	<0.6
34506	1,1,1-Trichloroethane		1.7	<0.8	<0.8
34511	1,1,2-Trichloroethane		<1.0	<1.0	<1.0
39180	Trichloroethene		2.3	<0.8	<0.8
34488	Trichlorofluoromethane		<0.8	<0.8	<0.8
77443	1,2,3-Trichloropropane		<1.5	<1.5	<1.5
77222	1,2,4-Trimethylbenzene		<1.0	<1.0	<1.0
77226	1,3,5-Trimethylbenzene		1.0	<0.8	<0.8
39175	Vinyl chloride		0.9	<0.7	<0.7
77135	o-Xylenes		<1.0	<1.0	<1.0
85795	m & p Xylenes		1.0	1.0	<1.0

Gary E. Barry
 Gary E. Barry
 Projects Coordinator

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:
 pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-1	MW-2	MW-3	MW-4
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/26/93	3/25/93		3/26/93
Sampled by	RJK	RAS	Unable	RJK
Reference Elevation (Top of riser etc.)	TOR	TOR	to open	TOR
Measured Depth to Water (ft.)	7.05	4.75	Well	8.00
Measured Well Depth (ft.)				
Purging/Sampling Device(s)				
Well Casing Volumes/Gallons Purged				
Well Purged Dry? (Y/N)				
Time Purging Completed (Military)				
Time Sample Withdrawn (Military)	1038	1545		0930
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.				

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-5	MW-5A	MW-6	MW-6A
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/26/93	3/26/93		3/26/93
Sampled by	RAS	RJK	Could	RJK
Reference Elevation (Top of riser etc.)	TOR	TOR	not	TOR
Measured Depth to Water (ft.)	12.76	12.31	Locate	7.47
Measured Well Depth (ft.)	18.66		Due to	
Purging/Sampling Device(s)	PVC Bailer		Snow	
Well Casing Volumes/Gallons Purged	5.1			
Well Purged Dry? (Y/N)	Y			
Time Purging Completed (Military)	0932			
Time Sample Withdrawn (Military)	0932	0906		1015
Field Temperature (degrees C)	8.0			
Field Conductivity: Measured (μ mhos/cm)	1200			
Field Conductivity @25 degrees C (μ mhos/cm)				
pH (std. units)	6.94			
Alkalinity (mg/l)				
Color	brown			
Odor	HC odor			
Turbidity	yes			
Other	sl. oil sheen			

Sampling Container and Preservation Information

Sample Parameter(s)	BETX			
# Of Containers & Volume	2-40 ml vials			
Container Type (amber glass, clear glass, plastic etc.)	clear glass			
Filtered/Unfiltered	unfiltered			
Preserved/Unpreserved/Type	HCl			
Refrigerated/on Ice	on ice			

Shipping Information

Laboratory	SEI			
Date Submitted	3/29/93			
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.			

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.GS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-6B	MW-6C	MW-7	MW-8
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date		3/26/93	3/26/93	3/26/93
Sampled by	abandon	RJK	RJK	RJK
Reference Elevation (Top of riser etc.)		TOR	TOR	TOR
Measured Depth to Water (ft.)		7.09	4.07	2.98
Measured Well Depth (ft.)				
Purging/Sampling Device(s)				
Well Casing Volumes/Gallons Purged				
Well Purged Dry? (Y/N)				
Time Purging Completed (Military)				
Time Sample Withdrawn (Military)		0935	0950	1010
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.				

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-8A	MW-10	MW-11	MW-11A
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/26/93		3/26/93	
Sampled by	RJK	Free	RAS	Well
Reference Elevation (Top of riser etc.)	TOR	Product	TOR	Damaged
Measured Depth to Water (ft.)	9.91	in	4.99	Requires
Measured Well Depth (ft.)		Well	13.78	Replacement
Purging/Sampling Device(s)			PVC Bailor	
Well Casing Volumes/Gallons Purged			7.6	
Well Purged Dry? (Y/N)			N	
Time Purging Completed (Military)			1415	
Time Sample Withdrawn (Military)	1031		1415	
Field Temperature (degrees C)			8.5	
Field Conductivity: Measured (μ mhos/cm)			9400	
Field Conductivity @25 degrees C (μ mhos/cm)				
pH (std. units)			7.51	
Alkalinity (mg/l)				
Color				
Odor				
Turbidity				
Other				

Sampling Container and Preservation Information

Sample Parameter(s)		VOC (8021)
# Of Containers & Volume		2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)		clear glass
Filtered/Unfiltered		unfiltered
Preserved/Unpreserved/Type		HCl
Refrigerated/on Ice		on ice

Shipping Information

Laboratory		SEI
Date Submitted		3/29/93
Chain of Custody Number		
Courier Shipping Number/Hand Delivered etc.		H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-11B	MW-11C	MW-11D	MW-12
Water Type	Gndwtr	Gndwtr		Gndwtr
Date	3/24/93	3/26/93	Abandon	3/25/93
Sampled by	RJK	RAS		RJK
Reference Elevation (Top of riser etc.)	TOR	TOR		TOR
Measured Depth to Water (ft.)	4.68	8.11		10.81
Measured Well Depth (ft.)	16.11	13.74		20.39
Purging/Sampling Device(s)	PVC Bailer	PVC Bailer		PVC Bailer
Well Casing Volumes/Gallons Purged	9.8	4.8		8.3
Well Purged Dry? (Y/N)	N	N		N
Time Purging Completed (Military)	1310	1450		1430
Time Sample Withdrawn (Military)	1310	1450		1430
Field Temperature (degrees C)	8.3	Free		7.6
Field Conductivity: Measured (μ mhos/cm)	5300	Product		8000
Field Conductivity @25 degrees C (μ mhos/cm)		In		
pH (std. units)	7.56	Well		7.47
Alkalinity (mg/l)				
Color	Brown	Brown		Rust, Brown
Odor	none	Strong HC		Some HC
Turbidity	very	very		Very
Other		Free Product		Sheen

Sampling Container and Preservation Information

Sample Parameter(s)	VOC (8021)	VOC (8021)	VOC (8021)
# Of Containers & Volume	2-40 ml vials	2-40 ml vials	2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)	clear glass	clear glass	clear glass
Filtered/Unfiltered	unfiltered	unfiltered	unfiltered
Preserved/Unpreserved/Type	HCl	HCl	HCl
Refrigerated/on Ice	on ice	on ice	on ice

Shipping Information

Laboratory	SEI	SEI	SEI
Date Submitted	3/25/93	3/29/93	3/26/93
Chain of Custody Number			
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-13	MW-13A	MW-14	MW-15
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date		3/25/93	3/25/93	3/26/93
Sampled by		RJK	RJK	RAS
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)		9.61	4.62	9.71
Measured Well Depth (ft.)			13.8	
Purging/Sampling Device(s)			PVC Bailer	
Well Casing Volumes/Gallons Purged			7.9	
Well Purged Dry? (Y/N)			N	
Time Purging Completed (Military)			1000	
Time Sample Withdrawn (Military)			1000	1522
Field Temperature (degrees C)			8.3	
Field Conductivity: Measured (u mhos/cm)			7000	
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)			6.48	
Alkalinity (mg/l)				
Color			brown	
Odor			some HC	
Turbidity			very	
Other				

Sampling Container and Preservation Information

Sample Parameter(s)			VOC/CN	
# Of Containers & Volume			2-40/1 gal	
Container Type (amber glass, clear glass, plastic etc.)			glass/plastic	
Filtered/Unfiltered			Unfilt/Filt	
Preserved/Unpreserved/Type			HCl/none	
Refrigerated/on Ice			On Ice	

Shipping Information

Laboratory			SEI	
Date Submitted			3/26/93	
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.			H.D.	

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:
 pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-16	MW-16A	MW-17	MW-17A
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/25/93	3/25/93	3/24/93	
Sampled by	RAS	RAS	RJK	
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	5.12	7.47	4.29	
Measured Well Depth (ft.)	13.7	17.36	13.46	
Purging/Sampling Device(s)	PVC Bailer	PVC Bailer	PVC Bailer	
Well Casing Volumes/Gallons Purged	7.4	8.5	7.9	
Well Purged Dry? (Y/N)	N	N	N	
Time Purging Completed (Military)	1000	1105	1530	
Time Sample Withdrawn (Military)	1000	1105	1530	
Field Temperature (degrees C)	9.5	6.6	7.8	
Field Conductivity: Measured (u mhos/cm)	4000	3100	25000	
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)	7.49	8.32	7.04	
Alkalinity (mg/l)				
Color			brown	
Odor	HC odor			
Turbidity	none		some	
Other				

Sampling Container and Preservation Information

Sample Parameter(s)	VOC/CN	VOC/CN	VOC/CN	
# Of Containers & Volume	2--40/1 gal	2--40/1 gal	2--40/1 gal	
Container Type (amber glass, clear glass, plastic etc.)	glass/plastic	glass/plastic	glass/plastic	
Filtered/Unfiltered	Unfilt/Filt	Unfilt/Filt	Unfilt/Filt	
Preserved/Unpreserved/Type	HCl/none	HCl/none	HCl/none	
Refrigerated/on Ice	On Ice	On Ice	On Ice	

Shipping Information

Laboratory	SEI	SEI	SEI	
Date Submitted	3/26/93	3/26/93	3/25/93	
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.	

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling

Project Number: 10813.QS

Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283

Conductivity: Myron Model EP-10 Serial No. 032456E

Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-17B	MW-18	MW-18A	MW-18B
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date		3/24/93	3/24/93	3/24/93
Sampled by		RJK	RJK	JMN
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)		7.7	12.11	9.38
Measured Well Depth (ft.)		13.85	20.18	17.08
Purging/Sampling Device(s)		PVC Bailor	PVC Bailor	PVC Bailor
Well Casing Volumes/Gallons Purged		5.3	6.9	6.6
Well Purged Dry? (Y/N)		N	N	N
Time Purging Completed (Military)		0955	0840	0830
Time Sample Withdrawn (Military)		0955	0840	0830
Field Temperature (degrees C)		7.3	6.4	10.8
Field Conductivity: Measured (u mhos/cm)		8000	5800	5600
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)		6.80	6.62	6.84
Alkalinity (mg/l)				
Color		brown/grey	brown	brown
Odor		HC		
Turbidity		very	very	very
Other		free product		

Sampling Container and Preservation Information

Sample Parameter(s)		VOC/CN	VOC/CN	VOC/CN
# Of Containers & Volume		2-40/1 gal	2-40/1 gal	2-40/1 gal
Container Type (amber glass, clear glass, plastic etc.)		glass/plastic	glass/plastic	glass/plastic
Filtered/Unfiltered		Unfil/Filt	Unfil/Filt	Unfil/Filt
Preserved/Unpreserved/Type		HCl/none	HCl/none	HCl/none
Refrigerated/on Ice		On Ice	On Ice	On Ice

Shipping Information

Laboratory		SEI	SEI	SEI
Date Submitted		3/25/93	3/25/93	3/25/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.		H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:
 pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-18C	MW-18D	MW-19	MW-20
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/26/93	3/24/93	3/24/93	3/24/93
Sampled by	RJK	JMN	RJK	RJK
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	11.85	9.83	4.91	8.81
Measured Well Depth (ft.)	16.76	15.72	14.26	13.91
Purging/Sampling Device(s)	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer
Well Casing Volumes/Gallons Purged	4.2	5.1	8.1	4.4
Well Purged Dry? (Y/N)	N	N	N	N
Time Purging Completed (Military)	1600	0900	1500	1600
Time Sample Withdrawn (Military)	1600	0900	1500	1600
Field Temperature (degrees C)		6.9	5.9	7.6
Field Conductivity: Measured (u mhos/cm)		3800	12000	5800
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)		7.02	6.94	7.11
Alkalinity (mg/l)				
Color	brown/grey		brown/grey	brown/grey
Odor	HC		HC	HC
Turbidity	very	very	very	very
Other	1* Bailer			free product

Sampling Container and Preservation Information

Sample Parameter(s)	VOC/CN	VOC/CN	VOC/CN	VOC/CN
# Of Containers & Volume	2--40/1 gal	2--40/1 gal	2--40/1 gal	2--40/1 gal
Container Type (amber glass, clear glass, plastic etc.)	glass/plastic	glass/plastic	glass/plastic	glass/plastic
Filtered/Unfiltered	Unfilt/Filt	Unfilt/Filt	Unfilt/Filt	Unfilt/Filt
Preserved/Unpreserved/Type	HCl/none	HCl/none	HCl/none	HCl/none
Refrigerated/on Ice	On Ice	On Ice	On Ice	On Ice

Shipping Information

Laboratory	SEI	SEI	SEI	SEI
Date Submitted	3/29/93	3/25/93	3/25/93	3/25/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling

Project Number: 10813.QS

Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283

Conductivity: Myron Model EP-10 Serial No. 032456E

Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-21	MW-21A	MW-22	MW-23
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/26/93	3/26/93	3/26/93	3/26/93
Sampled by	RJK	RJK	RJK	RJK
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	9.38	9.26	2.55	8.14
Measured Well Depth (ft.)	16.28	16.5		
Purging/Sampling Device(s)	PVC Bailor	PVC Bailor		
Well Casing Volumes/Gallons Purged	5.9	6.2		
Well Purged Dry? (Y/N)	Y	N		
Time Purging Completed (Military)	1300	1425		
Time Sample Withdrawn (Military)	1300	1425	1722	1705
Field Temperature (degrees C)	7.5	6.9		
Field Conductivity: Measured (u mhos/cm)	9600	7000		
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)	7.80	7.80		
Alkalinity (mg/l)				
Color	brown	brown		
Odor				
Turbidity				
Other	1* Bailor			

Sampling Container and Preservation Information

Sample Parameter(s)	VOC (8021)	VOC (8021)		
# Of Containers & Volume	2-40 ml vials	2-40 ml vials		
Container Type (amber glass, clear glass, plastic etc.)	clear glass	clear glass		
Filtered/Unfiltered	unfiltered	unfiltered		
Preserved/Unpreserved/Type	HCl	HCl		
Refrigerated/on Ice	on ice	on ice		

Shipping Information

Laboratory	SEI	SEI		
Date Submitted	3/29/93	3/29/93		
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.		

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:
 pH: Corning Check—Mate 90 Serial No. 002283
 Conductivity: Myron Model EP—10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-24	MW-24A	MW-25	MW-26
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/26/93	3/26/93	3/24/93	3/24/93
Sampled by	RJK	RJK	RJK	JMN
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	1.40	6.15	11.29	7.63
Measured Well Depth (ft.)			19.68	17.34
Purging/Sampling Device(s)			PVC Bailer	PVC Bailer
Well Casing Volumes/Gallons Purged			7.2	8.4
Well Purged Dry? (Y/N)			N	N
Time Purging Completed (Military)			1515	1030
Time Sample Withdrawn (Military)	0915	1728	1515	1030
Field Temperature (degrees C)			9.7	6.7
Field Conductivity: Measured (μ mhos/cm)			10000	5300
Field Conductivity @25 degrees C (μ mhos/cm)				
pH (std. units)			6.70	7.41
Alkalinity (mg/l)				
Color			brown	brown
Odor			none	none
Turbidity			very	very
Other				

Sampling Container and Preservation Information

Sample Parameter(s)			VOC (8021)	VOC (8021)
# Of Containers & Volume			2-40 ml vials	2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)			clear glass	clear glass
Filtered/Unfiltered			unfiltered	unfiltered
Preserved/Unpreserved/Type			HCl	HCl
Refrigerated/on Ice			on ice	on ice

Shipping Information

Laboratory			SEI	SEI
Date Submitted			3/25/93	3/25/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.			H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling

Project Number: 10813.QS

Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283

Conductivity: Myron Model EP-10 Serial No. 032456E

Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-27	MW-27A	MW-27B	MW-27C
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/24/93	3/24/93	3/24/93	3/24/93
Sampled by	RJK	RJK	RJK	JMN
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	7.99	8.66	6.38	7.98
Measured Well Depth (ft.)	17.65	18.03	17.78	20.35
Purging/Sampling Device(s)	PVC Bailor	PVC Bailor	PVC Bailor	PVC Bailor
Well Casing Volumes/Gallons Purged	8.3	8.1	9.8	10.6
Well Purged Dry? (Y/N)	N	N	N	N
Time Purging Completed (Military)	1140	1415	1100	1313
Time Sample Withdrawn (Military)	1140	1415	1100	1313
Field Temperature (degrees C)	7.2	7.2	6.7	11.5
Field Conductivity: Measured (μ mhos/cm)	17000	8800	12000	10000
Field Conductivity @25 degrees C (μ mhos/cm)				
pH (std. units)	6.80	7.00	7.36	7.06
Alkalinity (mg/l)				
Color	brown	brown	brown	brown
Odor	none	none	none	none
Turbidity	very	very	some	some
Other				

Sampling Container and Preservation Information

Sample Parameter(s)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)
# Of Containers & Volume	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)	clear glass	clear glass	clear glass	clear glass
Filtered/Unfiltered	unfiltered	unfiltered	unfiltered	unfiltered
Preserved/Unpreserved/Type	HCl	HCl	HCl	HCl
Refrigerated/on Ice	on ice	on ice	on ice	on ice

Shipping Information

Laboratory	SEI	SEI	SEI	SEI
Date Submitted	3/25/93	3/25/93	3/25/93	3/25/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-27D	MW-27E	MW-28	MW-29
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/24/93	3/24/93	3/24/93	3/25/93
Sampled by	RJK	JMN	RJK	RAS
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	12	13.72	7.5	6.75
Measured Well Depth (ft.)	22.23	23.19	18.1	20.92
Purging/Sampling Device(s)	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer
Well Casing Volumes/Gallons Purged	8.8	8.1	9.1	12.1
Well Purged Dry? (Y/N)	N	N	N	N
Time Purging Completed (Military)	1413	1150	1330	1403
Time Sample Withdrawn (Military)	1413	1150	1330	1403
Field Temperature (degrees C)	8.5	7.6	9	7.8
Field Conductivity: Measured (μ mhos/cm)	15000	5300	9000	11500
Field Conductivity @25 degrees C (μ mhos/cm)				
pH (std. units)	6.91	7.14	6.80	7.64
Alkalinity (mg/l)				
Color	brown	brown	brown	brown
Odor	none	none	none	none
Turbidity	some	some	some	some
Other				

Sampling Container and Preservation Information

Sample Parameter(s)	VOC (8021)	VOC (8021)	VOC (8021)	VOC (8021)
# Of Containers & Volume	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)	clear glass	clear glass	clear glass	clear glass
Filtered/Unfiltered	unfiltered	unfiltered	unfiltered	unfiltered
Preserved/Unpreserved/Type	HCl	HCl	HCl	HCl
Refrigerated/on Ice	on ice	on ice	on ice	on ice

Shipping Information

Laboratory	SEI	SEI	SEI	SEI
Date Submitted	3/25/93	3/25/93	3/25/93	3/26/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-29A	MW-30	MW-31	MW-31A
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/25/93	3/25/93	3/25/93	
Sampled by	RAS	RJK	RJK	
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	
Measured Depth to Water (ft.)	9.44	8.43	10.6	
Measured Well Depth (ft.)	22.41	22.16	21.85	
Purging/Sampling Device(s)	PVC Bailer	PVC Bailer	PVC Bailer	
Well Casing Volumes/Gallons Purged	11.1	11.8	9.7	
Well Purged Dry? (Y/N)	N	N	N	
Time Purging Completed (Military)	1509	1340	1400	
Time Sample Withdrawn (Military)	1509	1340	1400	
Field Temperature (degrees C)	8.9	7.4	6.7	
Field Conductivity: Measured (u mhos/cm)	5150	5500	5200	
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)	7.96	7.70	7.82	
Alkalinity (mg/l)				
Color	brown	brown	brown	
Odor	none	none	none	
Turbidity	yes	yes	none	
Other				

Sampling Container and Preservation Information

Sample Parameter(s)	VOC (8021)	VOC (8021)	VOC (8021)
# Of Containers & Volume	2-40 ml vials	2-40 ml vials	2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)	clear glass	clear glass	clear glass
Filtered/Unfiltered	unfiltered	unfiltered	unfiltered
Preserved/Unpreserved/Type	HCl	HCl	HCl
Refrigerated/on Ice	on ice	on ice	on ice

Shipping Information

Laboratory	SEI	SEI	SEI
Date Submitted	3/26/93	3/26/93	3/26/93
Chain of Custody Number			
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:
 pH: Coming Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-34	MW-35B	MW-36A	MW-37
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date		3/25/93	3/25/93	3/26/93
Sampled by		RJK	RJK	RAS
Reference Elevation (Top of riser etc.)		TOR	TOR	TOR
Measured Depth to Water (ft.)		10.65	12.44	7.79
Measured Well Depth (ft.)		19.31	18.93	16.56
Purging/Sampling Device(s)			PVC Bailer	PVC Bailer
Well Casing Volumes/Gallons Purged		free product	5.6	7.5
Well Purged Dry? (Y/N)			N	N
Time Purging Completed (Military)			1515	1535
Time Sample Withdrawn (Military)		1530	1515	1535
Field Temperature (degrees C)			7.3	
Field Conductivity: Measured (u mhos/cm)			20000	
Field Conductivity @25 degrees C (u mhos/cm)				
pH (std. units)			7.32	
Alkalinity (mg/l)				
Color			brown	
Odor				
Turbidity			very	
Other				

Sampling Container and Preservation Information

Sample Parameter(s)			VOC (8021)	VOC (8021)
# Of Containers & Volume			2-40 ml vials	2-40 ml vials
Container Type (amber glass, clear glass, plastic etc.)			clear glass	clear glass
Filtered/Unfiltered			unfiltered	unfiltered
Preserved/Unpreserved/Type			HCl	HCl
Refrigerated/on Ice			on ice	on ice

Shipping Information

Laboratory			SEI	SEI
Date Submitted			3/26/93	3/29/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.			H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	MW-38	MW-40	MW-41	MW-43
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/25/93	3/25/93	3/25/93	3/24/93
Sampled by	RJK	RAS	RJK	RJK
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	8.75	8.39	8.94	8.47
Measured Well Depth (ft.)	17.31	15.95	15.97	16.73
Purging/Sampling Device(s)	PVC Bailer	PVC Bailer	PVC Bailer	PVC Bailer
Well Casing Volumes/Gallons Purged	7.4	6.5	6	7.1
Well Purged Dry? (Y/N)	N	N	N	N
Time Purging Completed (Military)	1315	1145	1140	1550
Time Sample Withdrawn (Military)	1315	1145	1140	1550
Field Temperature (degrees C)	7.4	7.1	6.8	7.4
Field Conductivity: Measured (μ mhos/cm)	1000	6500	6500	5800
Field Conductivity @25 degrees C (μ mhos/cm)				
pH (std. units)	7.28	7.93	7.97	7.05
Alkalinity (mg/l)				
Color	brown	brown	brown	
Odor		Sl. HC odor		
Turbidity	yes	Slight		
Other		oil sheen		

Sampling Container and Preservation Information

Sample Parameter(s)	VOC (8021)	VOC (8021)	VOC (8021)	VOC/CN
# Of Containers & Volume	2-40 ml vials	2-40 ml vials	2-40 ml vials	2-40/1 gal
Container Type (amber glass, clear glass, plastic etc.)	clear glass	clear glass	clear glass	glass/plastic
Filtered/Unfiltered	unfiltered	unfiltered	unfiltered	Unfilt/Filt
Preserved/Unpreserved/Type	HCl	HCl	HCl	HCl/none
Refrigerated/on Ice	on ice	on ice	on ice	On Ice

Shipping Information

Laboratory	SEI	SEI	SEI	SEI
Date Submitted	3/26/93	3/26/93	3/26/93	3/25/93
Chain of Custody Number				
Courier Shipping Number/Hand Delivered etc.	H.D.	H.D.	H.D.	H.D.

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:

pH: Corning Check-Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	SUMP 1	SUMP 2	SUMP 3	SUMP 4
Water Type	Gndwtr	Gndwtr	Gndwtr	Gndwtr
Date	3/25/93	3/25/93	3/26/93	3/25/93
Sampled by	RJK	RJK	RAS	RAS
Reference Elevation (Top of riser etc.)	TOR	TOR	TOR	TOR
Measured Depth to Water (ft.)	3.63	Product at	23.19	11.53
Measured Well Depth (ft.)	Area Flooded	6.28'		
Purging/Sampling Device(s)		Water at		
Well Casing Volumes/Gallons Purged		6.32'		
Well Purged Dry? (Y/N)				
Time Purging Completed (Military)				
Time Sample Withdrawn (Military)	1030	1035	0940	1550
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.				

WATER SAMPLING FIELD DATA SUMMARY

Project Name: Chrysler Kenosha 1993 First Quarter Sampling
 Project Number: 10813.QS
 Location: Kenosha, Wisconsin

Field Equipment:
 pH: Corning Check--Mate 90 Serial No. 002283
 Conductivity: Myron Model EP-10 Serial No. 032456E
 Temperature: PSI 307055 USA

Sampling and Field Measurement/Observation

Sample Location Identification:	OBS. SUMP		
Water Type	Gndwtr		
Date	3/25/93		
Sampled by	RJK		
Reference Elevation (Top of riser etc.)	TOR		
Measured Depth to Water (ft.)	Product at		
Measured Well Depth (ft.)	7.38'		
Purging/Sampling Device(s)	Water at		
Well Casing Volumes/Gallons Purged	7.50'		
Well Purged Dry? (Y/N)			
Time Purging Completed (Military)			
Time Sample Withdrawn (Military)	1045		
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.			

CHAIN OF CUSTODY RECORD


PROJ. NO. 11013		PROJECT NAME Chrysler Quarterly Sampling					TEST PARAMETERS										1/2									
SAMPLERS: P. J. Kraemer, J. M. Noll							NO. OF CONTAINERS	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> VLOS (190211) Specimen for test </div>										SAMPLE TYPE								
SEI #	STA. NO.	DATE	TIME	COMR	GRAB	STATION LOCATION																				
	MW-19	3/24/93	15:00		✓		3	✓	X																	
	MW-26	3/24/93	10:30		✓		2	✓																		
	MW-27D	3/24/93	14:13		✓		2	✓																		
	MW-27E	3/24/93	13:13		✓		2	✓																		
	MW-180	3/24/93	9:00		✓		3	✓	X																	
	MW-27E	3/24/93	11:50		✓		2	✓																		
	MW-20	3/24/93	16:00		✓		3	✓	X																	
	MW-11B	3/24/93	13:10		✓		2	✓																		
	MW-27A	3/24/93	14:15		✓		2	✓																		
	MW-43	3/24/93	15:50		✓		3	✓	X																	
	MW-28	3/24/93	13:30		✓		2	✓																		
	MW-18	3/24/93	9:55		✓		3	✓	X																	
	MW-17	3/24/93	15:30		✓		2	✓																		

G.W

NO cyanide analyses, insufficient sample volume

SAMPLE CONDITION: R. on Ice		SAMPLE LOCATION:	
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RELINQUISHED BY:	DATE / TIME	RELINQUISHED BY:	DATE / TIME	SPECIAL REQUESTS:
		C. Demet	3/25/93	
RECEIVED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME	REPORT TO:
		L. DeWald	3/24/93	



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

SWANSON ENVIRONMENTAL INC.

NAME:

ADDRESS:

PHONE:

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME					NO. OF CONTAINERS	TEST PARAMETERS						SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)
11013		Chrysler Quarterly Sampling						Vols (80%)						
SAMPLERS:														
SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION								
	MW-18A	3/2/93	8:40		✓							G.W.		
	MW-18B	3/2/93	8:30		✓									
	MW-25	3/2/93	15:15		✓									
	MW-018	3/2/93	10:00		✓									
	MW-27B	3/2/93	11:00		✓									
	MW-027B	3/2/93	11:10		✓									
	MW-27	3/2/93	11:40		✓									
	T. Blank	3/2/93												
SAMPLE CONDITION:												SAMPLE LOCATION:		

Run Ice

RELINQUISHED BY: <i>Richard M. Bender</i>	DATE / TIME 3/25/93	RELINQUISHED BY: <i>C. Seibert</i>	DATE / TIME 3/25/93	SPECIAL REQUESTS: Please F.I.T. the Samples for cyanide provided in transfer containers prior to preservation.
RECEIVED BY: <i>C. Seibert</i>	DATE / TIME 3/25/93	RECEIVED BY: <i>L. Decker</i>	DATE / TIME 3/25/93	REPORT TO: <i>Richard J. Binder</i>



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

SWANSON ENVIRONMENTAL INC.

NAME: *Triad Engineering, Inc.*
 ADDRESS: *325 E Chicago Street*
 Milwaukee, WI 53202
 PHONE: *(414) 293-8840*

CHAIN OF CUSTODY RECORD

PROJ. NO. 11013		PROJECT NAME <i>Triad Engineering Christie Quarry Sampling</i>				NO. OF CONTAINERS	TEST PARAMETERS							(1/2) SAMPLE TYPE
SAMPLERS: <i>R. Schaefer R. Kramer</i>							<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 2px;">TOC_s (80A)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 2px;">CN (van de) (335.2)</div> </div>							(Specify groundwater, soil, wastewater, sludge, etc.)
SEI #	STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION								
	MW-29A	3/25/93	15:09	✓			2	✓						
	MW-16 D	3/25/93	10:00	✓			3	✓	✓					
	MW-12	3/25/93	14:30	✓			2	✓						
	MW-31	3/25/93	14:00	✓			2	✓						
	MW-30	3/25/93	13:40	✓			2	✓						
	MW-40	3/25/93	11:45	✓			2	✓						
	MW-38 D	3/25/93	13:25	✓			2	✓						
	MW-36 A	3/25/93	15:15	✓			2	✓						
	MW-33	3/25/93	13:15	✓			2	✓						
	MW-16	3/25/93	10:00	✓			3	✓	✓					
	MW-29	3/25/93	14:03	✓			2	✓						
	MW-16 A	3/25/93	11:05	✓			3	✓	✓					
	MW-41	3/25/93	11:40	✓			2	✓						

SAMPLE CONDITION: <i>R. in Ice</i>	SAMPLE LOCATION:
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RELINQUISHED BY: <i>Richard T. Binder</i>	DATE / TIME <i>3/26/93 9:05</i>	RELINQUISHED BY: <i>C. Deunst</i>	DATE / TIME <i>3/26/93 10:15</i>	SPECIAL REQUESTS: <i>Please filter samples for Cyanide placed in transfer containers prior to preservation.</i>
RECEIVED BY: <i>C. Deunst</i>	DATE / TIME <i>3/26/93 9:35</i>	RECEIVED BY: <i>R. Deunst</i>	DATE / TIME <i>3/26/93 10:15 AM</i>	REPORT TO: <i>Richard T. Binder</i>

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



SWANSON ENVIRONMENTAL INC.

NAME: *Triad Engineering, Inc.*
 ADDRESS: *325 East Chicago Street
Milwaukee, WI 53202*
 PHONE: *(414) 391-8840*

CHAIN OF CUSTODY RECORD

PROJ. NO. 11013		PROJECT NAME <i>Triad Engineering</i> <i>Chrysler Quarterly Sampling</i>				NO. OF CONTAINERS	TEST PARAMETERS						SAMPLE TYPE 2/2								
SAMPLERS: <i>R. Schriener</i> <i>R. Kramer</i>							<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> VOCs (BOD) </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Cu (Cyanide) 335-R </div> </div>						(Specify groundwater, soil, wastewater, sludge, etc.)								
SEI #	STA. NO.	DATE	TIME	COMR	GRAB	STATION LOCATION															
	<i>MW-14</i>	<i>3/5/93</i>	<i>10:00</i>		✓							3	✓								
	<i>MW-18DD</i>	<i>3/5/93</i>	<i>16:45</i>		✓							2	✓								
	<i>TIP Blank</i>					<i>TIP Blank</i>						2	✓								

SAMPLE CONDITION: <div style="text-align: center; font-size: 2em;"><i>R. on Ice</i></div>	SAMPLE LOCATION:
--	------------------

RELINQUISHED BY: <i>Richard T. Binder</i>	DATE / TIME <i>3/6/93</i>	RELINQUISHED BY: <i>C. Dumont</i>	DATE / TIME <i>3/6/93</i>	SPECIAL REQUESTS: <i>Please filter samples for cyanide provided in transfer containers prior to preservation.</i>
RECEIVED BY: <i>C. Dumont</i>	DATE / TIME <i>3/6/93</i>	RECEIVED BY: <i>L. DeWitt</i>	DATE / TIME <i>3/6/93</i>	REPORT TO: <i>Richard T. Binder</i>

LABORATORY
 3150 North Brookfield Rd.
 Brookfield, WI 53046
 (414) 783-6111
 Fax (414) 783-6752



SWANSON ENVIRONMENTAL INC.

NAME: *Triad Engineering, SMC*
 ADDRESS: *325 East Chicago Street*
Milwaukee, WI 53202
 PHONE: *(414) 291-8840*

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME				NO. OF CONTAINERS	TEST PARAMETERS						SAMPLE TYPE <small>(Specify groundwater, soil, wastewater, sludge, etc.)</small>
11013-QS		Chrysler					<div style="display: flex; justify-content: space-around; font-size: small;"> BE7X (80g) 1025 (80g) Granida (35.2) </div>						
SAMPLERS:												1/2	
R.A. Schneider, R.D. Kragman													
SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION							
	MW-5	3/26/93	9:32		X		2	X				Groundwater	
	MW-11	3/26/93	14:15		X		2	X				"	
	MW-11C	3/26/93	14:50		X	+	2	X				"	
	MW-14	3/26/93	11:40		X		1		X			" (Filtered)	
	MW-16	3/26/93	11:30		X		1		X			" "	
	MW-16D	3/26/93	11:40		X		1		X			" "	
	MW-18	3/26/93	16:40		X	+	1		X			" "	
	MW-18E	3/26/93	16:50		X	 	1		X			" "	
	MW-18C	3/26/93	16:00		X	+	3	X	X			" (Granida Filtered)	
	MW-19	3/26/93	14:30		X		1		X			" (Filtered)	
	MW-20	3/26/93	16:35		X		1		X			" "	
	MW-21	3/26/93	13:00		X		2	X				" "	
	MW-16A	3/26/93	11:20		X		1		X			" (Filtered)	
SAMPLE CONDITION:							SAMPLE LOCATION:						
Raw Ice													
RELINQUISHED BY:		DATE / TIME	RELINQUISHED BY:		DATE / TIME	SPECIAL REQUESTS:							
<i>Robert C. Schler</i>		3/26/93 11:55 AM	<i> </i>										
RECEIVED BY:		DATE / TIME	RECEIVED BY:		DATE / TIME	REPORT TO:							
<i>L. Boh</i>		3/26/93 11 AM	<i> </i>			Rick Bindan							
						NAME: Triad Engineering Inc							
						ADDRESS: 325 E Chicago St.							
						Milwaukee							
						PHONE:							



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

SWANSON ENVIRONMENTAL INC.

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME					NO. OF CONTAINERS	TEST PARAMETERS				SAMPLE TYPE (Specify groundwater, soil, wastewater, sludge, etc.)		
SAMPLERS:		SEI #	STA. NO.	DATE	TIME	COMP.		GRAB	STATION LOCATION	BRO	ARO		PROCS (8020)	Lead
10802		Third Engineering, Inc #10802												
R.A. Schneider														
	MW-3	3/14/93	16:07		✓		Monitoring well	4	✓	✓	✓	✓	BRO ⁺ Wisconsin DNR	
	MW-4	2/11/93	19:50		✓		Monitoring well	4	✓	✓	✓	✓	Modified BRO method	
	T.P. Blank	3/11/93					T.P. Blank	2		✓			BRO ⁺ Wisconsin DNR Modified BRO method Lead → Furnace to meet NR140 detection limits	
SAMPLE CONDITION:					SAMPLE LOCATION:									
Run Ice														
RELINQUISHED BY:		DATE / TIME		RELINQUISHED BY:		DATE / TIME		SPECIAL REQUESTS:						
Richard J. Binder		3/15/93 1:50		C. Deenick		3/15/93 4:18		Please filter samples for lead provided in transfer containers per the preservation.						
RECEIVED BY:		DATE / TIME		RECEIVED BY:		DATE / TIME		REPORT TO:						
C. Deenick		3/15/93 3:38		D. Deenick		3/15/93 4:18		Richard J. Binder						
LABORATORY								NAME:						
3150 North Brookfield Rd.								Third Engineering, Inc						
Brookfield, WI 53045								325 East Chicago Street						
(414) 783-6111								ADDRESS: Milwaukee, WI 53202						
Fax (414) 783-5752								PHONE: (414) 291-8440						



SWANSON ENVIRONMENTAL INC.



ATTACHMENT C
DRAWINGS