Lancaster Laboratories
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Lancaster Laboratories Sample No. SW 3766313

Collected:01/29/2002 14:10 by KM

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/27/2002 at 16:17
Discard: 04/29/2002
Rolloff_Bldg._50 Composite Soil Sample
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

AR-50 SDG#: DCJ24-01

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
03759	Isophorone	78-59-1	N.D.		38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.		76.	ug/kg	1
03761	Naphthalene	91-20-3	N.D.		38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.		76.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.		190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.		38.	ug/kg	1
03765	Acenaphthylene	208-96-8	N.D.		38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.		76.	ug/kg	1
04490	2-Methylphenol	95-48-7	N.D.		38.	ug/kg	1
04491	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.		38.	ug/kg	1
04492	4-Methylphenol	106-44-5	N.D.		76.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04493	4-Chloroaniline	106-47-8	N.D.		38.	ug/kg	1
04494	2-Methylnaphthalene	91-57-6	N.D.		38.	ug/kg	1
04495	2,4,5-Trichlorophenol	95-95-4	N.D.		76.	ug/kg	1
04496	2-Nitroaniline	88-74-4	N.D.		38.	ug/kg	1
04689	TCL SW846 Semivolatiles/Soil						
01191	Acenaphthene	83-32-9	61.	J	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.		190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.		76.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.		190.	ug/kg	1
01195	Pyrene	129-00-0	2,500.		38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.		760.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.		190.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.		38.	ug/kg	1
03768	Fluorene	86-73-7	100.	J	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.		38.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.		76.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.		38.	ug/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.		76.	ug/kg	1

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Discard: 04/29/2002
Rolloff_Bldg._50 Composite Soil Sample
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

AR-50 SDG#: DCJ24-01

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
03774	Hexachlorobenzene	118-74-1	N.D.		38.	ug/kg	1
03775	Phenanthrene	85-01-8	1,100.		38.	ug/kg	1
03776	Anthracene	120-12-7	310.	J	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.		76.	ug/kg	1
03778	Fluoranthene	206-44-0	2,500.		38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.		76.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	1,500.		38.	ug/kg	1
03782	Chrysene	218-01-9	1,500.		38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.		76.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	98.	J	76.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.		76.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,300.		38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	650.		38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	930.		38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	520.		38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	210.	J	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	480.		38.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.		76.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.		38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.		76.	ug/kg	1
04702	Carbazole	86-74-8	99.	J	76.	ug/kg	1
06292	TCL by 8260 (soil)						
05444	Chloromethane	74-87-3	N.D.		2.	ug/kg	1
05445	Vinyl Chloride	75-01-4	N.D.		1.	ug/kg	1
05446	Bromomethane	74-83-9	N.D.		2.	ug/kg	1
05447	Chloroethane	75-00-3	N.D.		2.	ug/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.		1.	ug/kg	1
05450	Methylene Chloride	75-09-2	N.D.		2.	ug/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		1.	ug/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		1.	ug/kg	1
05455	Chloroform	67-66-3	N.D.		1.	ug/kg	1
05457	1,1,1-Trichloroethane	71-55-6	6.	J	1.	ug/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/kg	1
05460	Benzene	71-43-2	N.D.		1.	ug/kg	1

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Submitted: 01/30/2002 09:00
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Discard: 04/29/2002
Rolloff_Bldg._50 Composite Soil Sample
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

AR-50 SDG#: DCJ24-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05451	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/kg	1
05452	Trichloroethene	79-01-6	6.	1.	ug/kg	1
05453	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/kg	1
05455	Bromodichloromethane	75-27-4	N.D.	1.	ug/kg	1
05456	Toluene	108-88-3	N.D.	1.	ug/kg	1
05457	1,1,2-Trichloroethane	79-00-5	N.D.	1.	ug/kg	1
05458	Tetrachloroethene	127-18-4	4,800.	140.	ug/kg	125
05470	Dibromochloromethane	124-48-1	N.D.	1.	ug/kg	1
05472	Chlorobenzene	108-90-7	N.D.	1.	ug/kg	1
05474	Ethylbenzene	100-41-4	N.D.	1.	ug/kg	1
05477	Styrene	100-42-5	N.D.	1.	ug/kg	1
05478	Bromoform	75-25-2	N.D.	1.	ug/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/kg	1
06293	Acetone	67-64-1	N.D.	8.	ug/kg	1
06294	Carbon Disulfide	75-15-0	N.D.	1.	ug/kg	1
06296	2-Butanone	78-93-3	N.D.	5.	ug/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/kg	1
06299	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/kg	1
06300	2-Hexanone	591-78-6	N.D.	3.	ug/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	1.	ug/kg	1

Laboratory Chronicle

CAT No	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00159	Mercury	SW-846 7471A	1	02/05/2002 08:53	Damary Valentin	1
01625	Thallium	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01644	Antimony	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01647	Beryllium	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01649	Cadmium	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01651	Chromium	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01653	Copper	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01655	Lead	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01661	Nickel	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
01666	Silver	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1

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Collected:01/29/2002 14:10 by KM

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/27/2002 at 16:17
Discard: 04/29/2002
Rolloff_Bldg._50 Composite Soil Sample
Site Code: S0001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

AR-50 SDG#: DCJ24-01

01512	Zinc	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
06915	Arsenic TR	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
06916	Selenium TR	SW-846 6010B	1	02/05/2002 10:17	Joanne M Gates	1
00111	Moisture	EPA 160.3 modified	1	02/05/2002 17:44	Justin M Bowers	1
00314	pH	SW-846 9045C (modified)	1	02/01/2002 15:30	Luz M Groff	1
00496	Corrosivity	SW-846 Chapter 7	1	02/01/2002 15:30	Luz M Groff	1
00542	Ignitability	40 CFR 261.21	1	02/04/2002 18:25	Justin M Bowers	1
01101	Reactivity	SW-846 Chapter 7.3	1	02/01/2002 06:30	Susan A Engle	1
01102	Sulfide (Reactivity)	SW-846 9034	1	02/01/2002 06:30	Susan A Engle	1
01103	Cyanide (Reactivity)	SW-846 9012A (modified)	1	02/03/2002 16:41	Matthew J Mercer	1
01235	TCL Pesticides in Solids	SW-846 8081A/8082	1	02/09/2002 03:30	Anita M Dale	20
01863	Appendix IX Herbicides in Soil	SW-846 8151A	1	02/04/2002 23:24	Tiffany A Leyda	1
04638	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/07/2002 03:54	Jolene M Graham	1
04639	TCL SW846 Semivolatiles/Soil	SW-846 8270C	1	02/07/2002 03:54	Jolene M Graham	1
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/01/2002 18:58	Bryan J Polick	125
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/04/2002 17:57	Patricia L Nolt	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	02/01/2002 13:48	Susan McMahon-Luu	n.a.
00374	GC/MS VOA Soil Prep	SW-846 5030A	2	02/04/2002 17:15	Patricia L Nolt	n.a.
00381	BNA Soil Extraction	SW-846 3550B	1	02/05/2002 08:15	John A Myers	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	02/05/2002 17:45	Luis E Villamil	1
04131	Herbicide Soil Extraction	SW-846 3550B/8151A	1	02/01/2002 07:30	Deborah M Zimmerman	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	02/04/2002 19:45	Annamaria Stipkovits	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	02/04/2002 20:50	Annamaria Stipkovits	1

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Lancaster Laboratories Sample No. TL 3766314

Collected:01/29/2002 14:10 by KM

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:18
Discard: 04/27/2002

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Rolloff_Bldg._50 Composite Soil Sample TCLP NVE
Site Code: SCC01 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

NVE30 SDG#: DCJ24-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000026	mg/l	1

The metal analyses were performed on a non-volatile leachate prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, December, 1994). A sample is considered to have failed the Toxicity Characteristic (TC) test and is considered a hazardous waste if any of the metal concentrations (mg/l) in the leachate exceed the following maxima (100 times the Primary Drinking Water Standards):

Arsenic	5.0	Cadmium	1.0	Lead	5.0	Selenium	1.0
Barium	100.0	Chromium	5.0	Mercury	0.2	Silver	5.0

01235	Arsenic	7440-38-2	N.D.	0.0053	mg/l	1
01236	Selenium	7782-49-2	0.0061 J	0.0043	mg/l	1
01746	Barium	7440-39-3	0.513	0.00042	mg/l	1
01749	Cadmium	7440-43-9	0.00090J	0.00064	mg/l	1
01751	Chromium	7440-47-3	N.D.	0.0017	mg/l	1
01755	Lead	7439-92-1	N.D.	0.0088	mg/l	1
01766	Silver	7440-22-4	N.D.	0.0013	mg/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/21/2002 07:42	Damary Valentin	1
01235	Arsenic	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
01236	Selenium	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
01746	Barium	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
01749	Cadmium	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
01751	Chromium	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
01755	Lead	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
01766	Silver	SW-846 6010B	1	02/21/2002 06:56	Joanne M Gates	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	01/31/2002 15:15	Thomas H Collins	n.a.
03705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/20/2002 17:00	Irimar Leon	1
03713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2002 20:25	Nelli S Markaryan	1

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Lancaster Laboratories Sample No. TL 3766314

Collected:01/29/2002 14:10 by KM

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:18
Discard: 04/27/2002

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Rolloff_Bldg _50 Composite Soil Sample TCLP NVE
Site Code: SCC01 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

NVE50 SDG#: DCJ24-02

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Lancaster Laboratories Sample No. TL 3766315

Collected:01/29/2002 14:10 by KM

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:19
Discard: 04/27/2002

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Rolloff Bldg. 50 Composite Soil Sample TCLP ZHE
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

ZLB50 SDG#: DCJ24-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03636	TCLP by 8260					
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.020	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.020	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.020	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

The sample was analyzed after the 14-day holding time had expired, as per client request.

Laboratory Chronicle

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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Lancaster Laboratories Sample No. TL 3766315

Collected:01/29/2002 14:10 by KM

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:19
Discard: 04/27/2002

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Rolloff Bldg. 50 Composite Soil Sample TCLP ZHE
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

ZHE50 SDG#: DCJ24-03

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
03635	TCLP by 8260	SW-846 8260B	1	02/21/2002 14:38	Joseph P Casillo	20
00946	TCLP Zero Headspace Extraction	SW-846 1311	1	01/31/2002 16:10	William P Stafford	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/21/2002 14:38	Joseph P Casillo	n.a.

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MAR - 1 2002

Lancaster Laboratories Sample No. TL 3766316

Collected: n.a.

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:19
Discard: 04/27/2002
TCLP_NVE_Tumbler_Blank
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NVTPB SDG#: DCJ24-04BL

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00259	Mercury	7439-97-6	N.D.	0.000026	mg/l	1

The metal analyses were performed on a non-volatile leachate prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, December, 1994). A sample is considered to have failed the Toxicity Characteristic (TC) test and is considered a hazardous waste if any of the metal concentrations (mg/l) in the leachate exceed the following maxima (100 times the Primary Drinking Water Standards):

Arsenic	5.0	Cadmium	1.0	Lead	5.0	Selenium	1.0
Barium	100.0	Chromium	5.0	Mercury	0.2	Silver	5.0

01335	Arsenic	7440-38-2	N.D.	0.0053	mg/l	1
01336	Selenium	7782-49-2	N.D.	0.0043	mg/l	1
01746	Barium	7440-39-3	0.0017 J	0.00042	mg/l	1
01749	Cadmium	7440-43-9	N.D.	0.00064	mg/l	1
01751	Chromium	7440-47-3	N.D.	0.0017	mg/l	1
01755	Lead	7439-92-1	N.D.	0.0088	mg/l	1
01766	Silver	7440-22-4	N.D.	0.0013	mg/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/21/2002 07:49	Damary Valentin	1
01335	Arsenic	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
01336	Selenium	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
01746	Barium	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
01749	Cadmium	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
01751	Chromium	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
01755	Lead	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
01756	Silver	SW-846 6010B	1	02/21/2002 07:45	Joanne M Gates	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	01/31/2002 15:15	Thomas H Collins	n.a.
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/20/2002 17:00	Irimar Leon	1
05712	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2002 20:25	Nelli S Markaryan	1

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Lancaster Laboratories Sample No. TL 3766316

Collected: n.a.

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:19
Discard: 04/27/2002
TCLP_NVE_Tumbler_Blank
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NVTBB SDG#: DCJ24-04BL

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MAR - 1 2002

Lancaster Laboratories Sample No. TL 3766317

Collected: n.a.

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:19
Discard: 04/27/2002
TCLP_ZHE_Tumbler_Blank
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

ZHE SDG#: DCJ24-05BL*

CET No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01636	TCLP by 8260					
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.020	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.020	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.020	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05409	Tetrachloroethene	127-18-4	0.066 J	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

The sample was analyzed after the 14-day holding time had expired, as per client request.

Laboratory Chronicle

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Lancaster Laboratories Sample No. TL 3766317

Collected: n.a.

Account Number: 10160

Submitted: 01/30/2002 09:00
Reported: 02/25/2002 at 10:19
Discard: 04/27/2002
TCLP_ZHE_Tumbler_Blank
Site Code: SC001 RFA#: LBG02004
Dayton Thermal, Bldg 50 SVE/Dayton, OH

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

ZHE-B SDG#: DCJ24-05BL*

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
03636	TCLP by 8260	SW-846 8260B	1	02/21/2002 14:13	Joseph P Casillo	20
00943	TCLP Zero Headspace Extraction	SW-846 1311	1	01/31/2002 16:10	William P Stafford	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/21/2002 14:13	Joseph P Casillo	n.a.

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MAR - 1 2002

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/28/02 at 07:34 AM

Group Number: 795083

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 020310015A	Sample number(s): 3766313							
2,4-D	N.D.	3.3	ug/kg	77		63-132		
Dinoseb	N.D.	1.7	ug/kg	7		1-36		
2,4,5-TP	N.D.	.33	ug/kg	88		57-135		
2,4,5-T	N.D.	.33	ug/kg	93		50-159		
Batch number: 02C032039401A	Sample number(s): 3766313							
pH				100	100	98-102	0	1
Batch number: 02C032112101A	Sample number(s): 3766313							
Sulfide (Reactivity)	N.D.	20.	mg/kg	87		80-120		
Batch number: 02C034104101A	Sample number(s): 3766313							
Cyanide (Reactivity)	N.D.	99.9800 04	mg/kg	102		88-114		
Batch number: 020355708001	Sample number(s): 3766313							
Thallium	N.D.	.85	mg/kg	106		57-143		
Antimony	N.D.	.65	mg/kg	137		26-174		
Beryllium	N.D.	.019	mg/kg	100		78-122		
Cadmium	N.D.	.055	mg/kg	96		77-123		
Chromium	0.18 J	.14	mg/kg	104		80-120		
Copper	N.D.	.15	mg/kg	102		82-117		
Lead	N.D.	.82	mg/kg	97		76-124		
Nickel	0.25 J	.2	mg/kg	98		78-122		
Silver	N.D.	.14	mg/kg	131		93-156		
Zinc	0.42 J	.33	mg/kg	100		77-123		
Arsenic TR	0.44 J	.38	mg/kg	100		74-126		
Selenium TR	N.D.	.48	mg/kg	105		74-126		
Batch number: 020355711001	Sample number(s): 3766313							
Mercury	N.D.	.0025	mg/kg	86		68-132		
Batch number: 02035SLE026	Sample number(s): 3766313							
Phenol	N.D.	67.	ug/kg	91		59-121		
2-Chlorophenol	N.D.	33.	ug/kg	94		71-114		
1,4-Dichlorobenzene	N.D.	33.	ug/kg	90		61-110		
N-Nitroso-di-n-propylamine	N.D.	33.	ug/kg	90		62-118		
1,2,4-Trichlorobenzene	N.D.	33.	ug/kg	93		63-116		
4-Chloro-3-methylphenol	N.D.	67.	ug/kg	87		72-123		
Acenaphthene	N.D.	33.	ug/kg	98		70-115		
4-Nitrophenol	N.D.	170.	ug/kg	67		63-138		
2,4-Dinitrotoluene	N.D.	67.	ug/kg	98		70-130		
Pentachlorophenol	N.D.	170.	ug/kg	85		52-112		
Pyrene	N.D.	33.	ug/kg	100		67-123		
2-Nitrophenol	N.D.	67.	ug/kg	92		76-114		
2,4-Dimethylphenol	N.D.	67.	ug/kg	92		60-110		
2,4-Dichlorophenol	N.D.	67.	ug/kg	91		71-118		
2,4,5-Trichlorophenol	N.D.	67.	ug/kg	96		72-118		
2,4-Dinitrophenol	N.D.	670.	ug/kg	82		32-125		
4,6-Dinitro-2-methylphenol	N.D.	170.	ug/kg	99		52-125		

*- Outside of specification
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(2) The background result was more than four times the spike added.

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported 02/28/02 at 07:34 AM

Group Number: 795083

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
bis(2-Chloroethyl)ether	N.D.	33.	ug/kg	91		66-114		
1,3-Dichlorobenzene	N.D.	33.	ug/kg	90		60-110		
1,2-Dichlorobenzene	N.D.	33.	ug/kg	91		64-107		
Hexachloroethane	N.D.	33.	ug/kg	87		60-113		
Nitrobenzene	N.D.	33.	ug/kg	90		65-116		
Isophorone	N.D.	33.	ug/kg	93		64-108		
bis(2-Chloroethoxy)methane	N.D.	67.	ug/kg	96		68-122		
Naphthalene	N.D.	33.	ug/kg	93		65-113		
Hexachlorobutadiene	N.D.	67.	ug/kg	96		61-121		
Hexachlorocyclopentadiene	N.D.	170.	ug/kg	124		8-127		
2-Chloronaphthalene	N.D.	33.	ug/kg	95		69-114		
Acenaphthylene	N.D.	33.	ug/kg	102		72-117		
Dimethylphthalate	N.D.	67.	ug/kg	94		72-119		
2,6-Dinitrotoluene	N.D.	33.	ug/kg	95		74-115		
Fluorene	N.D.	33.	ug/kg	92		65-119		
4-Chlorophenyl-phenylether	N.D.	33.	ug/kg	98		64-119		
Diethylphthalate	N.D.	67.	ug/kg	93		71-121		
N-Nitrosodiphenylamine	N.D.	33.	ug/kg	104		60-120		
4-Bromophenyl-phenylether	N.D.	67.	ug/kg	100		71-115		
Hexachlorobenzene	N.D.	33.	ug/kg	104		62-128		
Phenanthrene	N.D.	33.	ug/kg	90		64-116		
Anthracene	N.D.	33.	ug/kg	92		64-116		
Di-n-butylphthalate	N.D.	67.	ug/kg	90		72-119		
Fluoranthene	N.D.	33.	ug/kg	87		65-115		
Butylbenzylphthalate	N.D.	67.	ug/kg	92		59-150		
Benzo(a)anthracene	N.D.	33.	ug/kg	95		69-115		
Chrysene	N.D.	33.	ug/kg	96		67-119		
3,3'-Dichlorobenzidine	N.D.	67.	ug/kg	86		21-104		
bis(2-Ethylhexyl)phthalate	N.D.	67.	ug/kg	90		73-126		
Di-n-octylphthalate	N.D.	67.	ug/kg	101		69-131		
Benzo(b)fluoranthene	N.D.	33.	ug/kg	95		66-122		
Benzo(k)fluoranthene	N.D.	33.	ug/kg	98		66-122		
Benzo(a)pyrene	N.D.	33.	ug/kg	96		72-118		
Indeno(1,2,3-cd)pyrene	N.D.	33.	ug/kg	85		73-118		
Dibenz(a,h)anthracene	N.D.	33.	ug/kg	97		78-126		
Benzo(g,h,i)perylene	N.D.	33.	ug/kg	90		73-119		
2-Methylphenol	N.D.	33.	ug/kg	90		66-111		
2,2'-oxybis(1-Chloropropane)	N.D.	33.	ug/kg	110		65-139		
4-Methylphenol	N.D.	67.	ug/kg	93		49-130		
4-Chloroaniline	N.D.	33.	ug/kg	98		9-100		
2-Methylnaphthalene	N.D.	33.	ug/kg	91		65-108		
2,4,5-Trichlorophenol	N.D.	67.	ug/kg	94		74-117		
2-Nitroaniline	N.D.	33.	ug/kg	94		78-122		
3-Nitroaniline	N.D.	67.	ug/kg	71		29-103		
Dibenzofuran	N.D.	33.	ug/kg	95		66-111		
4-Nitroaniline	N.D.	67.	ug/kg	61		48-116		
Carbazole	N.D.	67.	ug/kg	89		71-114		
Batch number: 020360010A	Sample number(s): 3766313							
Gamma BHC - Lindane	N.D.	.17	ug/kg	88		74-138		
Heptachlor	N.D.	.17	ug/kg	91		73-141		
Aldrin	N.D.	.17	ug/kg	94		75-145		

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Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 795083
Reported 02/28/02 at 07:34 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
p,p-DDT	N.D.	.5	ug/kg	94		78-155		
Dieldrin	N.D.	.33	ug/kg	91		76-135		
Endrin	N.D.	.33	ug/kg	107		80-155		
Methoxychlor	N.D.	4.	ug/kg	124		71-179		
Alpha BHC	N.D.	.17	ug/kg	82		66-141		
Beta BHC	N.D.	.17	ug/kg	85		79-147		
Delta BHC	N.D.	.17	ug/kg	94		67-170		
Heptachlor Epoxide	N.D.	.17	ug/kg	91		81-140		
p,p-DDE	N.D.	.33	ug/kg	90		68-151		
p,p-DDD	N.D.	.6	ug/kg	88		77-150		
Toxaphene	N.D.	11.	ug/kg					
Endosulfan I	N.D.	.17	ug/kg	94		60-146		
Endosulfan II	N.D.	.33	ug/kg	91		73-144		
Endosulfan Sulfate	N.D.	.33	ug/kg	84		80-151		
Endrin Aldehyde	N.D.	.6	ug/kg	61*		77-125		
PCB-1016	N.D.	4.1	ug/kg					
PCB-1221	N.D.	6.5	ug/kg					
PCB-1232	N.D.	3.5	ug/kg					
PCB-1242	N.D.	7.8	ug/kg					
PCB-1248	N.D.	3.3	ug/kg					
PCB-1254	N.D.	3.3	ug/kg					
PCB-1260	N.D.	3.3	ug/kg					
Endrin Ketone	N.D.	.33	ug/kg	87		75-143		
Alpha Chlordane	N.D.	.17	ug/kg	91		79-142		
Gamma Chlordane	N.D.	.17	ug/kg	91		73-144		
Batch number: 02C36820003B	Sample number(s): 3766313							
Moisture				100	100	99-101	0	4
Batch number: 020515705002	Sample number(s): 3766314,3766316							
Arsenic	N.D.	.0053	mg/l	100		90-110		
Selenium	N.D.	.0043	mg/l	99		90-110		
Barium	N.D.	.00042	mg/l	100		93-109		
Cadmium	N.D.	.00064	mg/l	100		94-110		
Chromium	N.D.	.0017	mg/l	99		95-110		
Lead	N.D.	.0088	mg/l	99		94-110		
Silver	N.D.	.0013	mg/l	106		94-110		
Batch number: 020515713002	Sample number(s): 3766314,3766316							
Mercury	N.D.	.000026	mg/l	96		84-124		
Batch number: D020282AC	Sample number(s): 3766313							
Chloromethane	N.D.	2.	ug/kg	97		40-117		
Vinyl Chloride	N.D.	1.	ug/kg	100		45-122		
Bromomethane	N.D.	2.	ug/kg	102		48-129		
Chloroethane	N.D.	2.	ug/kg	102		51-130		
1,1-Dichloroethene	N.D.	1.	ug/kg	109		64-144		
Methylene Chloride	N.D.	2.	ug/kg	105		76-129		
trans 1,2-Dichloroethene	N.D.	1.	ug/kg	111		78-131		
1,1-Dichloroethane	N.D.	1.	ug/kg	107		82-130		
cis-1 2-Dichloroethene	N.D.	1.	ug/kg	113		85-127		
Chloroform	N.D.	1.	ug/kg	109		84-123		

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/28/02 at 07:34 AM

Group Number: 795083

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,1-Trichloroethane	N.D.	1.	ug/kg	107		69-133		
Carbon Tetrachloride	N.D.	1.	ug/kg	115		61-139		
Benzene	N.D.	1.	ug/kg	108		85-125		
1,2-Dichloroethane	N.D.	1.	ug/kg	111		81-128		
Trichloroethene	N.D.	1.	ug/kg	106		78-129		
1,2-Dichloropropane	N.D.	1.	ug/kg	103		81-126		
Bromodichloromethane	N.D.	1.	ug/kg	108		80-123		
Toluene	N.D.	1.	ug/kg	99		84-125		
1,1,2-Trichloroethane	N.D.	1.	ug/kg	98		82-121		
Dibromochloromethane	N.D.	1.	ug/kg	103		75-123		
Chlorobenzene	N.D.	1.	ug/kg	100		86-122		
Ethylbenzene	N.D.	1.	ug/kg	101		86-127		
Styrene	N.D.	1.	ug/kg	103		87-124		
Bromoform	N.D.	1.	ug/kg	107		66-128		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/kg	97		69-125		
Acetone	N.D.	7.	ug/kg	154		37-168		
Carbon Disulfide	N.D.	1.	ug/kg	111		49-163		
2-Butanone	N.D.	4.	ug/kg	142		48-148		
trans-1,3-Dichloropropene	N.D.	1.	ug/kg	93		79-121		
cis-1,3-Dichloropropene	N.D.	1.	ug/kg	104		82-122		
4-Methyl-2-pentanone	N.D.	3.	ug/kg	115		62-137		
2-Hexanone	N.D.	3.	ug/kg	111		51-142		
Xylene (Total)	N.D.	1.	ug/kg	103		87-127		
Batch number: N020521AC	Sample number(s): 3766315,3766317							
Vinyl Chloride	N.D.	20.	ug/l	116		55-121		
1,1-Dichloroethene	N.D.	20.	ug/l	120		67-140		
Chloroform	N.D.	20.	ug/l	110		86-124		
Carbon Tetrachloride	N.D.	20.	ug/l	102		77-130		
Benzene	N.D.	20.	ug/l	108		84-120		
1,2-Dichloroethane	N.D.	20.	ug/l	119		77-132		
Trichloroethene	N.D.	20.	ug/l	102		87-117		
Tetrachloroethene	N.D.	20.	ug/l	89		79-136		
Chlorobenzene	N.D.	20.	ug/l	96		87-121		
2-Butanone	N.D.	60.	ug/l	97		58-141		
Batch number: R020321AA	Sample number(s): 3766313							
Tetrachloroethene	N.D.	125.	ug/kg	106		76-141		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: C20310015A	Sample number(s): 3766313								
2,4-D	119	89	41-158	29	50				
Dinoseb	1	5	1-48	24	50				
2,4,5-TP	97	96	30-151	1	50				
2,4,5-T	112	81	13-189	30	50				

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/28/02 at 07:34 AM

Group Number: 795083

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02C32039401A	Sample number(s): 3766313								
pH						4.94	4.95	0	2
Batch number: 02C32112101A	Sample number(s): 3766313								
Sulfide (Reactivity)	51	58	19-113	13	22				
Batch number: 02C34104101A	Sample number(s): 3766313								
Cyanide (Reactivity)	0	0	0-5	0	19				
Batch number: 020355708001	Sample number(s): 3766313								
Thallium	91	94	72-109	3	20	1.5 J	1.3 J	12 (1)	20
Antimony	91	95	75-125	4	20	N.D.	N.D.	0 (1)	20
Beryllium	99	100	89-113	2	20	0.46 J	0.64	34* (1)	20
Cadmium	90	91	75-125	1	20	0.35 J	0.41 J	17 (1)	20
Chromium	103	107	75-125	2	20	14.9	16.0	7 (1)	20
Copper	111	111	75-125	0	20	22.5	26.5	16	20
Lead	95	110	75-125	9	20	36.0	43.2	18 (1)	20
Nickel	92	94	75-125	2	20	11.8	14.6	22* (1)	20
Silver	104	107	76-124	3	20	N.D.	0.14 J	200* (1)	20
Zinc	118	109	75-125	4	20	59.7	71.3	18	20
Arsenic TR	96	98	76-109	2	20	6.7	7.4	9	20
Selenium TR	96	98	74-112	3	20	N.D.	N.D.	0 (1)	20
Batch number: 020355711001	Sample number(s): 3766313								
Mercury	84	118	80-120	15	20	0.20	0.21	4 (1)	20
Batch number: 02035SLE026	Sample number(s): 3766313								
Phenol	73	73	58-119	0	30				
2-Chlorophenol	66	70	57-122	6	30				
1,4-Dichlorobenzene	67	70	40-122	4	30				
N-Nitroso-di-n-propylamine	67	73	58-122	9	30				
1,2,4-Trichlorobenzene	67	72	50-124	7	30				
4-Chloro-3-methylphenol	65	77	61-129	16	30				
Acenaphthene	49*	48*	51-132	4	30				
4-Nitrophenol	-72*	-72*	31-162	0	30				
2,4-Dinitrotoluene	36*	36*	61-133	1	30				
Pentachlorophenol	66	70	17-128	6	30				
Pyrene	67	80	34-151	14	30				
2-Nitrophenol	57	57	50-133	1	30				
2,4-Dimethylphenol	64	70	46-124	8	30				
2,4-Dichlorophenol	64	74	42-140	15	30				
2,4,6-Trichlorophenol	0*	45	44-139	200*	30				
2,4-Dinitrophenol	0*	0*	20-150	0	30				
4,6-Dinitro-2-methylphenol	0*	0*	16-145	0	30				
bis(2-Chloroethyl)ether	73	108	50-130	39*	30				
1,3-Dichlorobenzene	69	70	39-122	1	30				
1,2-Dichlorobenzene	67	69	43-119	2	30				
Hexachloroethane	68	69	25-132	1	30				
Nitrobenzene	67	69	50-131	2	30				
Isophorone	63	67	38-133	6	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

MEMBER ACIL
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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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Where quality is a science

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 795083
Reported: 02/28/02 at 07:34 AM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
bis(2-Chloroethoxy)methane	70	74	58-132	6	30				
Naphthalene	101	106	43-133	3	30				
Hexachlorobutadiene	71	73	44-130	3	30				
Hexachlorocyclopentadiene	48	44	5-176	8	30				
2-Chloronaphthalene	0*	23*	56-124	200*	30				
Acenaphthylene	53*	58*	60-125	10	30				
Dimethylphthalate	37*	38*	63-123	0	30				
2,6-Dinitrotoluene	30*	32*	63-122	6	30				
Fluorene	55	56	52-130	1	30				
4-Chlorophenyl-phenylether	47*	46*	60-120	1	30				
Diethylphthalate	45*	45*	65-124	0	30				
N-Nitrosodiphenylamine	86	99	48-136	14	30				
4-Bromophenyl-phenylether	70	77	62-124	10	30				
Hexachlorobenzene	75	77	54-133	2	30				
Phenanthrene	73	78	37-140	6	30				
Anthracene	68	74	49-129	9	30				
Di-n-butylphthalate	65	71	55-132	8	30				
Fluoranthene	60	66	37-135	9	30				
Butylbenzylphthalate	62	70	56-145	13	30				
Benzo(a)anthracene	72	81	40-141	11	30				
Chrysene	69	66	39-143	4	30				
3,3'-Dichlorobenzidine	42	50	3-123	16	30				
bis(2-Ethylhexyl)phthalate	145*	146*	56-141	0	30				
Di-n-octylphthalate	70	76	53-144	8	30				
Benzo(b)fluoranthene	64	67	39-137	5	30				
Benzo(k)fluoranthene	67	74	45-136	9	30				
Benzo(a)pyrene	62	65	40-143	4	30				
Indeno(1,2,3-cd)pyrene	65	68	26-151	5	30				
Dibenz(a,h)anthracene	69	74	35-159	7	30				
Benzo(g,h,i)perylene	62	66	27-149	7	30				
2-Methylphenol	65	69	62-109	6	30				
2,2'-oxybis(1-Chloropropane)	90	95	50-145	5	30				
4-Methylphenol	66	71	60-115	7	30				
4-Chloroaniline	40	42	19-106	5	30				
2-Methylnaphthalene	68	75	57-114	8	30				
2,4,5-Trichlorophenol	106	73	53-132	37*	30				
2-Nitroaniline	36*	11*	71-128	108*	30				
3-Nitroaniline	28*	32*	33-117	12	30				
Dibenzofuran	166*	156*	48-129	2	30				
4-Nitroaniline	36	40	31-128	9	30				
Carbazole	64	70	61-118	9	30				

Batch number: 020360010A Sample number(s): 3766313

Gamma BHC - Lindane	0*	0*	43-154	0	50
Heptachlor	0*	0*	70-138	0	50
Aldrin	0*	0*	65-134	0	50
p,p'-DDT	0*	0*	62-166	0	50
Dieldrin	0*	0*	68-139	0	50
Endrin	0*	0*	48-188	0	50
Methoxychlor	(2)	(2)	74-162	104*	50
Alpha BHC	0*	0*	64-134	0	50

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/28/02 at 07:34 AM

Group Number: 795083

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Beta BHC	0*	0*	31-176	0	50				
Delta BHC	0*	0*	29-191	0	50				
Heptachlor Epoxide	0*	0*	69-133	0	50				
p,p-DDE	0*	0*	48-175	0	50				
p,p-DDD	0*	0*	52-181	0	50				
Endosulfan I	0*	0*	62-133	0	50				
Endosulfan II	0*	0*	65-144	0	50				
Endosulfan Sulfate	0*	0*	65-154	0	50				
Endrin Aldehyde	0*	0*	63-125	0	50				
Batch number: 02036820003B	Sample number(s): 3766313								
Moisture						7.06	6.91	2	11
Batch number: 020515705002	Sample number(s): 3766314,3766316								
Arsenic	103	102	82-122	0	20	N.D.	N.D.	0 (1)	20
Selenium	103	101	75-125	2	20	0.0061 J	N.D.	200* (1)	20
Barium	98	96	75-125	1	20	0.513	0.463	10 (1)	20
Cadmium	97	97	78-121	1	20	0.00090 J	0.0014 J	43* (1)	20
Chromium	97	97	80-119	0	20	N.D.	0.0017 J	200* (1)	20
Lead	101	100	75-125	0	20	N.D.	N.D.	0 (1)	20
Silver	111	109	75-125	1	20	N.D.	N.D.	0 (1)	20
Batch number: 020515713002	Sample number(s): 3766314,3766316								
Mercury	108	102	80-120	6	20	N.D.	N.D.	0 (1)	20
Batch number: DC20232AC	Sample number(s): 3766313								
Chloromethane	81	79	15-128	2	30				
Vinyl Chloride	82	81	16-141	0	30				
Bromomethane	86	87	24-140	1	30				
Chloroethane	84	85	33-147	1	30				
1,1-Dichloroethene	94	95	40-159	1	30				
Methylene Chloride	95	94	41-157	1	30				
trans-1,2-Dichloroethene	98	98	47-152	0	30				
1,1-Dichloroethane	95	95	51-147	0	30				
cis-1,2-Dichloroethene	101	97	53-146	4	30				
Chloroform	100	98	53-142	2	30				
1,1,1-Trichloroethane	99	95	41-153	3	30				
Carbon Tetrachloride	102	97	39-150	5	30				
Benzene	98	95	43-151	3	30				
1,2-Dichloroethane	99	96	59-144	3	30				
Trichloroethene	97	97	40-152	1	30				
1,2-Dichloropropane	92	93	55-138	1	30				
Bromodichloromethane	96	100	52-137	4	30				
Toluene	97	96	27-163	1	30				
1,1,2-Trichloroethane	95	91	51-149	4	30				
Dibromochloromethane	99	94	45-142	5	30				
Chlorobenzene	95	90	46-139	5	30				
Ethylbenzene	95	91	30-158	4	30				
Styrene	96	92	19-156	4	30				
Bromoform	101	97	27-145	4	30				

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/23/02 at 07:34 AM

Group Number: 795083

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,1,2,2-Tetrachloroethane	90	87	23-180	3	30				
Acetone	87	83	10-202	4	30				
Carbon Disulfide	95	94	23-176	1	30				
2-Butanone	95	87	22-181	8	30				
trans-1,3-Dichloropropene	87	88	41-139	0	30				
cis 1,3-Dichloropropene	93	94	45-136	2	30				
4-Methyl-2-pentanone	103	97	31-154	6	30				
2-Hexanone	86	79	18-171	8	30				
Xylene (Total)	97	93	46-158	4	30				
Batch number: N020521AC	Sample number(s): 3766315,3766317								
Vinyl Chloride	119	128	54-133	7	30				
1,1-Dichloroethene	120	126	75-152	5	30				
Chloroform	111	114	76-138	3	30				
Carbon Tetrachloride	105	111	75-149	5	30				
Benzene	92	105	78-134	5	30				
1,2-Dichloroethane	123	129	75-141	5	30				
Trichloroethene	102	108	82-133	6	30				
Tetrachloroethene	86	93	81-148	8	30				
Chlorobenzene	(2)	(2)	81-125	5	30				
2-Butanone	98	100	56-141	2	30				
Batch number: R020321AA	Sample number(s): 3766313								
Tetrachloroethene	97	96	31-174	1	30				

Surrogate Quality Control

Analysis Name: Appendix IX Herbicides in Soil
Batch number: 020310015A

	2,4-Dichlorophenylacetic acid
3766313	65
Blank	77
LCS	83
MS	119
MSD	121
Limits	39-192

Analysis Name: TCL SW846 Semivolatiles Soil
Batch number: 02035SLE026

	Phenol-d6	2-Fluorophenol	2,4,6-Tribromophenol	Nitrobenzene-d5
3766313	87	82	89	84
Blank	103	99	103	86
LCS	98	91	104	90

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/28/02 at 07:34 AM

Group Number: 795083

Surrogate Quality Control

MS	66	63	66	61
MSD	72	67	67	67
Limits:	46-120	46-122	37-139	50-132

	2-Fluorobiphenyl	Terphenyl-d14
376313	94	104
Blank	90	101
LCS	101	118
MS	58	71
MSD	61	83
Limits:	57-122	48-141

Analysis Name: TCL Pesticides in Solids
Batch number: 020360010A

	Tetrachloro-m-xylene	Decachlorobiphenyl
376313	87	227*
Blank	83	101
LCS	95	112
MS	0*	0*
MSD	0*	0*
Limits:	58-149	62-159

Analysis Name: TCL by 8260 (soil)
Batch number: D020282AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
376313	94	87	93	86
Blank	87	87	86	88
LCS	98	93	91	94
MS	97	92	93	92
MSD	96	87	96	89
Limits:	80-120	80-120	81-117	74-121

Analysis Name: TCLP by 8260
Batch number: N020521AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
376315	98	93	92	91
376317	97	95	91	93
Blank	99	93	90	90
LCS	95	94	97	103
MS	94	93	94	100
MSD	95	92	95	101
Limits:	86-118	80-120	88-110	86-115

Analysis Name: 8260 Master Scan (soil)
Batch number: R020321AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 02/28/02 at 07:34 AM

Group Number: 795083

Surrogate Quality Control

Blank	102	103	98	96
LCS	104	104	102	102
MS	99	100	96	96
MSD	98	102	96	95
Limits:	30-120	80-120	81-117	74-121

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ACCT#101600 LL# 01MW515-4

DAIMLERCHRYSLER Chain-of-Custody

1904

Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Phone Number: (717) 656-2300 Fax Number: (717) 656-2681	Project Name: Soils / SVE System Installation Site Location: Dayton Thermal Site Code: SC001 RFA Number: LB602004 DaimlerChrysler PM: GARY STANCZUK	Consultant: LBG Address: 1210 West County Rd E, Ste 200 St. Paul, MN 55112 Consultant PM: Ken Vogel Phone: 651 490-1405 Fax: 651 490-1206

MAR - 1 2002

Turn-around Time Request: (circle)
24 calendar hrs.
48 calendar hrs.
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	Volatiles 8260/TCLP	Semi Volatiles/PCBs/Pest/Metals/Moisture	Reactivity	pH, corrosivity, ignitability, moisture	pesticides, herbicides	TCLP NVE (extract + hold)	TCLP ZHE (extract + hold)			Remarks
Roll off Bldg. 50	1-29-02	1410	C	S	8	X	X	X	+	+	+	+			analyses deleted + added to match RFA in celdm per Dave Strand on 1/30 + 1/31/02. KAHeinefeldt 1/31/02

Sampler(s): Kevin McCarty

Cooler ID #

Samples Relinquished under Airbill No. 790289087823

Temperature (corrected) 2.0°C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Kevin McCarty	1-29-02	1600				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
				1/30/02	0900	Yes No

Is RFA sampling complete? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package Yellow : Retained by laboratory Pink: Retained by sampler

Revision No. 3
Created: July 9, 1999

#87

CHRYSLER

Regulatory Affairs

April 11, 2008

Mr. Matt Peak
Earth Tech, Inc.
36133 Schoolcraft Road
Livonia, MI 48150

Re: Limited Signature Authority
Dayton SVE Soil Disposal

Dear Mr. Peak:

By this letter Chrysler LLC is granting Ms. Alpha Perkins and Mr. Justin Kelley of Earth Tech, Inc., the authority to act as agent for Chrysler LLC for the sole purpose of signing non-hazardous waste manifests on behalf of Chrysler LLC for disposal of non-hazardous soil generated from the installation of an SVE System in residences back yards and alleyway south of the former Dayton Thermal Plant in Dayton, Ohio.

This authorization and the actions of Ms. Perkins and Mr. Kelley on behalf of Chrysler LLC shall not be intrerpreted as a transfer of Chrysler's ownership responsibilities as the generator and arranger for disposal of such material; however, by signing such manifests, Ms. Perkins and Mr. Kelley are certifying that the information contained in the manifests is correct as it relates to the corresponding shipment of waste.

This authorization shall expire upon termination of the work or in thirty (30) days from the date of this letter, whichever occurs first.

Sincerely,

L. Alan Johnston, PE, CHMM
Sr. Remediation Program Specialist
Chrysler Environmental Risk Management

Copy: G. Stanczuk
G. Rose

Generator's Nonhazardous Waste Profile Sheet

WASTE MANAGEMENT

Requested Disposal Facility _____ Profile Number

☐ Renewal for Profile Number _____ Waste Approval Expiration Date _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: Chrysler L.L.C
2. Site Address: 1600 Webster Street
3. City/ZIP: Dayton 45404
4. State: Ohio
5. County: LSA
6. Contact Name/Title: Gary Stanczuk
7. Email Address: gms9@chrysler.com
8. Phone: (248)576-7365
9. FAX: (248) 576-7369
10. NAICS Code: _____
11. Generator USEPA ID #: _____
12. State ID# (if applicable): OH0074703547

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Earth Tech, Inc
2. Billing Address: 36133 Schoolcraft Road
3. City, State and ZIP: Livonia, MI 48150
4. Contact Name: Justin Kelley
5. Contact Email: justin.kelley@earthtech.com
6. Phone: 7347792864 FAX: (734) 779-2860
7. Transporter Name: Waste Management
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

1. DESCRIPTION

a. Common Waste Name: Soil

State Waste Code(s): _____

b. Describe Process Generating Waste or Source of Contamination:

Soil spoils generated from residences and alleyway during installation of well and piping.

c. Typical Color(s): Brown

d. Strong Odor? ☐ Yes ☑ No Describe: _____

e. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Powder ☐ Semi-Solid or Sludge ☐ Other: _____

f. Layers? ☑ Single layer ☐ Multi- layer ☐ NA

g. Water Reactive? ☐ Yes ☑ No If Yes, Describe: _____

h. Free Liquid Range (%): _____ to _____ ☑ NA(solid)

i. pH Range: ☐ ≤2 ☐ 2.1-12.4 ☐ ≥12.5 ☑ NA(solid) ☐ Actual: _____

j. Liquid Flash Point: ☐ < 140°F ☐ ≥ 140°F ☑ NA(solid) ☐ Actual: _____

k. Flammable Solid: ☐ Yes ☑ No

l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents (Total Composition Must be > 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1 Soil - topsoil and clay	95	%	100	%
2 Asphalt	0	%	5	%
3				
4				
5				
6				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. ☑ Event ☐ Base/Ongoing (Check One)

b. Estimated Annual Quantity: 50 ☐ Tons ☑ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____

c. Shipping Frequency: 5 Units per ☐ Month ☐ Quarter ☐ Year ☑ One Time ☐ Other

d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☐ Yes ☑ No

e. USDOT Shipping Description (if applicable): _____

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): Level D

Generator's Nonhazardous Waste Profile Sheet

WASTE MANAGEMENT

D. Regulatory Status (Please check appropriate responses)

1. Is this a USEPA (40 CFR Part 261)/State hazardous waste? If yes, contact your sales representative. ☐ Yes ☑ No
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes ☑ No
   - ☐ Delisted Hazardous Waste
   - ☐ Excluded Wastes Under 40 CFR 261.4
   - ☐ Treated Hazardous Waste Debris
   - ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☑ Yes ☐ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No
   a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
   b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☐ No
5. Does the waste represented by this waste profile sheet contain concentrations of regulated Polychlorinated Biphenyls (PCBs)? ☐ Yes ☑ No
   a. If yes, is disposal regulated under TSCA? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated, medical or infectious waste? ☐ Yes ☑ No
7. Does the waste contain asbestos? ☐ Yes ☑ No *If Yes,* ☐ *Friable* ☐ *Non Friable*
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No
   If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the Contractor if applicable).
5. Check all that apply:
   - ☑ Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: Accutest Laboratories, COMP 1-032808-AP & COMP 2-032808-AP, TCLP Metals and VOA Analysis # Pages: 6
   - ☐ Only the analyses identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: _____
   - ☐ Additional information necessary to characterize the profiled waste has been attached (other than analytical). Indicate the number of attached pages: _____
   - ☐ I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.
   - ☐ By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

Certification Signature: [signature] Title: SR. REMEDIATION MANAGER

Company Name: CHRYSLER LLC Name (Print): L. ALAN JOHNSTON

Date: 4/8/08

FOR WM USE ONLY

Management Method: ☐ Landfill ☐ Bioremediation Approval Decision: ☐ Approved ☐ Not Approved

☐ Non-hazardous solidification ☐ Other: _____ Waste Approval Expiration Date: _____

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

- ☐ Shall not contain free liquid
- ☐ Shipment must be scheduled into disposal facility
- ☐ Approval Number must accompany each shipment
- ☐ Waste Manifest must accompany load

WM Authorization Name / Title: _____ Date: _____

State Authorization (if Required): _____ Date: _____

Generator's Nonhazardous Waste Profile Sheet

WASTE MANAGEMENT

Requested Disposal Facility _____ Profile Number

☐ Renewal for Profile Number _____ Waste Approval Expiration Date _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: Chrysler L.L.C
2. Site Address: 1600 Webster Street
3. City/ZIP: Dayton 45404
4. State: Ohio
5. County: USA
6. Contact Name/Title: Gary Stanczuk
7. Email Address: gms9@chrysler.com
8. Phone: (248)576-7365
9. FAX: (248) 576-7369
10. NAICS Code: _____
11. Generator USEPA ID #: _____
12. State ID# (if applicable): OH0074703547

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Veolia
2. Billing Address: _____
3. City, State and ZIP: _____
4. Contact Name: _____
5. Contact Email: _____
6. Phone: _____ FAX: _____
7. Transporter Name: _____
8. *Transporter ID # (if appl.):* _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

1. DESCRIPTION

a. Common Waste Name: Soil

State Waste Code(s): _____

b. Describe Process Generating Waste or Source of Contamination:

Soil spoils generated from residences and alleyway during installation of well and piping.

c. Typical Color(s): Brown

d. Strong Odor? ☐ Yes ☑ No Describe: _____

e. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Powder ☐ Semi-Solid or Sludge ☐ Other: _____

f. Layers? ☑ Single layer ☐ Multi- layer ☐ NA

g. Water Reactive? ☐ Yes ☑ No If Yes, Describe: _____

h. Free Liquid Range (%): _____ to _____ ☑ NA(solid)

i. pH Range: ☐ ≤2 ☐ 2.1-12.4 ☐ ≥12.5 ☑ NA(solid) ☐ Actual: _____

j. Liquid Flash Point: ☐ < 140°F ☐ ≥ 140°F ☑ NA(solid) ☐ Actual: _____

k. Flammable Solid: ☐ Yes ☑ No

l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents *(Total Composition Must be = 100%)*	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Soil - topsoil and clay	95	%	100	%
2. Asphalt	0	%	5	%
3.				
4.				
5.				
6.				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. ☑ Event ☐ Base/Ongoing (Check One)

b. Estimated Annual Quantity: 120 ☐ Tons ☑ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____

c. Shipping Frequency: 9 Units per ☐ Month ☐ Quarter ☐ Year ☑ One Time ☐ Other

d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☐ Yes ☑ No

e. USDOT Shipping Description (if applicable): _____

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): Level D

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Generator's Nonhazardous Waste Profile Sheet

WASTE MANAGEMENT

D. Regulatory Status (Please check appropriate responses)

1. Is this a USEPA (40 CFR Part 261)/State hazardous waste? If yes, contact your sales representative. ☐ Yes ☑ No
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes ☑ No
   - ☐ Delisted Hazardous Waste
   - ☐ Excluded Wastes Under 40 CFR 261.4
   - ☐ Treated Hazardous Waste Debris
   - ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☑ Yes ☐ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No
   a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
   b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☐ No
5. Does the waste represented by this waste profile sheet contain concentrations of regulated Polychlorinated Biphenyls (PCBs)? ☐ Yes ☑ No
   a. If yes, is disposal regulated under TSCA? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated, medical or infectious waste? ☐ Yes ☑ No
7. Does the waste contain asbestos? ☐ Yes ☑ No If Yes, ☐ Friable ☐ Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No
   If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the Contractor if applicable).
5. Check all that apply:
   - ☑ Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: Accutest Laboratories, COMP 1-032808-AP & COMP 2-032808-AP, TCLP Metals and VOA Analysis # Pages: 6
   - ☐ Only the analyses identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: _____
   - ☐ Additional information necessary to characterize the profiled waste has been attached (other than analytical). Indicate the number of attached pages: _____
   - ☐ I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.
   - ☐ By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

Certification Signature: L. Alan Johnston Title: SR. REMEDIATION SPECIALIST

Company Name: CHRYSLER LLC Name (Print): L. ALAN JOHNSTON

Date: 4/8/08

FOR WM USE ONLY

Management Method: ☐ Landfill ☐ Bioremediation Approval Decision: ☐ Approved ☐ Not Approved

☐ Non-hazardous solidification ☐ Other: _____ Waste Approval Expiration Date: _____

Management Facility Precautions, Special Handling Procedures or Limitation or approval:

_____

_____

☐ Shall not contain free liquid

☐ Shipment must be scheduled into disposal facility

☐ Approval Number must accompany each shipment

☐ Waste Manifest must accompany load

WM Authorization Name / Title: _____ Date: _____

State Authorization (if Required): _____ Date: _____

Sample Summary

Daimler Chrysler

Job No: J86990

ERTECHMI: Dayton Thermal, Webster Street Academy, Dayton, OH
Project No: RFA#ET08024, 98809.18

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
J86990-1	03/28/08	15:30 AP	03/29/08	SO	Soil	COMP 1-032808-AP
J86990-2	03/28/08	15:45 AP	03/29/08	SO	Soil	COMP 2-032808-AP

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	COMP 1-032808-AP		
Lab Sample ID:	J86990-1	Date Sampled:	03/28/08
Matrix:	SO - Soil	Date Received:	03/29/08
Method:	SW846 8260B SW846 1311	Percent Solids:	n/a
Project:	ERTECHMI: Dayton Thermal, Webster Street Academy, Dayton, OH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L226220.D	5	04/03/08	MAH	04/02/08	GP43394	VL5245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate — TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.0050	0.0011	mg/l	
78-93-3	2-Butanone (MEK)	ND	D035	200	0.10	0.013	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.0050	0.0015	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.0050	0.0011	mg/l	
67-66-3	Chloroform	0.144	D022	6.0	0.0050	0.0011	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.0050	0.0012	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.0050	0.0015	mg/l	
75-35-4	1,1-Dichloroethene	ND	D029	0.70	0.0050	0.0016	mg/l	
127-18-4	Tetrachloroethene	ND	D039	0.70	0.0050	0.0014	mg/l	
79-01-6	Trichloroethene	ND	D040	0.50	0.0050	0.0014	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.025	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		77-121%
17060-07-0	1,2-Dichloroethane-D4	92%		65-133%
2037-26-5	Toluene-D8	92%		80-117%
460-00-4	4-Bromofluorobenzene	119%		79-124%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	COMP 1-032808-AP		
Lab Sample ID:	J86990-1	Date Sampled:	03/28/08
Matrix:	SO - Soil	Date Received:	03/29/08
		Percent Solids:	n/a
Project:	ERTECHMI: Dayton Thermal, Webster Street Academy, Dayton, OH		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Cadmium	< 0.0050	D006	1.0	0.0050	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Lead	< 0.50	D008	5.0	0.50	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	04/02/08	04/02/08	JW	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA20684
(2) Instrument QC Batch: MA20685
(3) Prep QC Batch: MP43094
(4) Prep QC Batch: MP43097

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	COMP 2-032808-AP		
Lab Sample ID:	J86990-2	Date Sampled:	03/28/08
Matrix:	SO - Soil	Date Received:	03/29/08
Method:	SW846 8260B SW846 1311	Percent Solids:	n/a
Project:	ERTECHMI: Dayton Thermal, Webster Street Academy, Dayton, OH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L226221.D	5	04/03/08	MAH	04/02/08	GP43335	VL5245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCLP Leachate — TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	ND	D018	0.50	0.0050	0.0011	mg/l	
78-93-3	2-Butanone (MEK)	ND	D035	200	0.10	0.013	mg/l	
56-23-5	Carbon tetrachloride	ND	D019	0.50	0.0050	0.0015	mg/l	
108-90-7	Chlorobenzene	ND	D021	100	0.0050	0.0011	mg/l	
67-66-3	Chloroform	ND	D022	6.0	0.0050	0.0011	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	D027	7.5	0.0050	0.0012	mg/l	
107-06-2	1,2-Dichloroethane	ND	D028	0.50	0.0050	0.0015	mg/l	
75-35-4	1,1-Dichloroethene	ND	D029	0.70	0.0050	0.0016	mg/l	
127-18-4	Tetrachloroethene	ND	D039	0.70	0.0050	0.0014	mg/l	
79-01-6	Trichloroethene	ND	D040	0.50	0.0050	0.0014	mg/l	
75-01-4	Vinyl chloride	ND	D043	0.20	0.025	0.0014	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
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17060-07-0	1,2-Dichloroethane-D4	96%		65-133%
2037-26-5	Toluene-D8	92%		80-117%
460-00-4	4-Bromofluorobenzene	119%		79-124%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	COMP 2-032808-AP		
Lab Sample ID:	J86990-2	Date Sampled:	03/28/08
Matrix:	SO - Soil	Date Received:	03/29/08
		Percent Solids:	n/a
Project:	ERTECHMI: Dayton Thermal, Webster Street Academy, Dayton, OH		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Cadmium	< 0.0050	D006	1.0	0.0050	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Lead	< 0.50	D008	5.0	0.50	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	04/02/08	04/02/08	JW	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	04/02/08	04/02/08	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA20684
(2) Instrument QC Batch: MA20685
(3) Prep QC Batch: MP43094
(4) Prep QC Batch: MP43097

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #: 8640 1979 8396
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: J86990

Client / Reporting Information

Company Name: EARTH TECH
Address: 36133 SCHOOLCRAFT
City: LIVONIA State: MI Zip: 48150
Project Manager: STEVE CERVI E-mail:
Phone: (734) 779-2800
Sampler's Name: ALPHA PERKINS

Project Information

Project Name: DAYTON THERMAL
Street: 1600 WEBSTER
City: DAYTON State: OH
Project #: 98809.18
Fax #: (734) 779-2860
Client Purchase Order #: ET08024

Requested Analysis

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	None	NaHSO4	MeOH	ENCORE	8260 BTEX ☐ 624 ☐ MTBE ☐	8021 ☐ 602 ☐ PNAG ☐ TBA ☐ NAP ☐ PALG ☐	624 ☐ 8260 ☐ TCL ☐ PPL ☐ STARS ☐ WTBE ☐ NAP ☐ TBA ☐ +10 ☐ +15 ☐	8270 ☐ 625 ☐ TCL ☐ PPL ☐ STARS ☐ ABN ☐ BN ☐ PAH ☐ PAGF ☐ +TICs ☐	V8260TCLP	TCLPM							Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe	LAB USE ONLY
-1	COMP 1-032808-AP		03/28/08	1530	AP	SO	2					2								X	X							MES
-2	COMP 2-032808-AP		03/28/08	1545	AP	SO	2					2								X	X							1946

Turnaround Time (Business Days)

- ☐ Std. 15 Business Days — Approved By: / Date
- ☐ 10 Day RUSH
- ☐ 7 Day RUSH
- ☒ 4 Day EMERGENCY — 3/31/8
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ NJ Reduced
- ☐ NJ Full
- ☐ Other _____
- ☐ FULL CLP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format _____

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler	Date Time	Received by	Relinquished by	Date Time	Received by
1 Alpha Perkins	03/28/08 1730	1 Fed X	2 Fed X	3/29/08 1040	2 [illegible]
3		3	4		4
5		5			

Custody Seal #: Preserved where applicable ☐ On Ice ☒ Cooler Temp 4.6°C

Generator's Non-Hazardous Waste Profile Sheet

WASTE MANAGEMENT

Requested Disposal Facility Stoney Hollow Profile Number

☐ Renewal for Profile Number _____ Waste Approval Expiration Date _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: Chrysler L.L.C
2. Site Address: 1600 Webster Street
3. City/ZIP: Dayton, 45404
4. State: Ohio
5. County: USA
6. Contact Name/Title: Gary Stanczuk
7. Email Address: gms9@Chrysler.com
8. Phone: 248-576-7365
9. FAX: 248-576-7369
10. NAICS Code: _____
11. Generator USEPA ID #: _____
12. State ID# (if applicable): OHD074703547

B. Customer Information ☐ same as above

P.O. Number: _____

1. Customer Name: VEOLIA ES INDUSTRIAL SERVICES
2. Billing Address: 8151 EXECUTIVE BLVD
3. City, State and ZIP: HUBER HEIGHTS 45424
4. Contact Name: TIM DELPH
5. Contact Email: tim.delph@veoliaes.com
6. Phone: 9372371097 FAX: 937-237-3669
7. Transporter Name: VEOLIA ES INDUSTRIAL SERVICES
8. Transporter ID # (if appl.): _____
9. Transporter Address: 8151 EXECUTIVE BLVD
10. City, State and ZIP: HUBER HEIGHTS OHIO 45424

C. Waste Stream Information

1. DESCRIPTION

a. Common Waste Name: Soil State Waste Code(s): _____

b. Describe Process Generating Waste or Source of Contamination:

Soil spoils from the installation of monitoring wells.

c. Typical Color(s): Tan

d. Strong Odor? ☐ Yes ☑ No Describe: _____

e. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Powder ☐ Semi-Solid or Sludge ☐ Other: _____

f. Layers? ☑ Single layer ☐ Multi- layer ☐ NA

g. Water Reactive? ☐ Yes ☑ No If Yes, Describe: _____

h. Free Liquid Range (%): _____ to _____ ☑ NA(solid)

i. pH Range: ☐ ≤2 ☐ 2.1-12.4 ☐ ≥12.5 ☑ NA(solid) ☐ Actual: _____

j. Liquid Flash Point: ☐ < 140°F ☐ ≥ 140°F ☑ NA(solid) ☐ Actual: _____

k. Flammable Solid: ☐ Yes ☑ No

l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents (Total Composition Must be ≥ 100%)	Concentration %	Constituents (Total Composition Must be ≥ 100%)	Concentration %
1. Soil	100%	4.	
2.		5.	
3.		6.	

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. ☐ Event ☑ Base/Ongoing (Check One)

b. Estimated Annual Quantity: 20 ☐ Tons ☑ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____

c. Shipping Frequency: _____ Units per ☐ Month ☐ Quarter ☑ Year ☐ One Time ☐ Other

d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☐ Yes ☑ No

e. USDOT Shipping Description (if applicable): NON HAZARDOUS, NON REGULATED SOLID

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): N/A

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WM WASTE MANAGEMENT

Generator's Nonhazardous Waste Profile Sheet

D. Regulatory Status (Please check appropriate responses)

1. Is this a USEPA (40 CFR Part 261)/State hazardous waste? If yes, contact your sales representative. ☐ Yes ☑ No
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes ☑ No
   - ☐ Delisted Hazardous Waste
   - ☐ Excluded Wastes Under 40 CFR 261.4
   - ☐ Treated Hazardous Waste Debris
   - ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☐ Yes ☑ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No
   a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
   b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☐ No
5. Does the waste represented by this waste profile sheet contain concentrations of regulated Polychlorinated Biphenyls (PCBs)? ☐ Yes ☑ No
   a. If yes, is disposal regulated under TSCA? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated, medical or infectious waste? ☐ Yes ☑ No
7. Does the waste contain asbestos? ☐ Yes ☑ No If Yes, ☐ Friable ☐ Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No
   If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☑ No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate description of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the Contractor if applicable).
5. Check all that apply:
   - ☑ Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: 08OLA98-001 EARTH TECH @ BEHR, TCLP METALS, VOC'S # Pages: 3
   - ☐ Only the analyses identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: _____
   - ☐ Additional information necessary to characterize the profiled waste has been attached (other than analytical). Indicate the number of attached pages: _____
   - ☐ I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.
   - ☐ By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

Certification Signature: Gary M. Stanczuk Title: Remediation Specialist

Company Name: Chrysler Name (Print): Gary M. Stanczuk

Date: 3-18-08

FOR WM USE ONLY

Management Method: ☐ Landfill ☐ Bioremediation Approval Decision: ☐ Approved ☐ Not Approved

☐ Non-hazardous solidification ☐ Other: _____ Waste Approval Expiration Date: _____

Management Facility Precautions, Special Handling Procedures or Limitation on approval: _____

☐ Shall not contain free liquid
☐ Shipment must be scheduled into disposal facility
☐ Approval Number must accompany each shipment
☐ Waste Manifest must accompany load

WM Authorization Name / Title: _____ Date: _____

State Authorization (if Required): _____ Date: _____

© 2006 Waste Management, Inc.

Belmont Labs

Date: *5-Feb-08*

CLIENT: Veolia ES Industrial Services
Project: Earth Tech @ Behr

Lab Order: 0801A98

Lab ID: 0801A98-001
Collection Date: 1 24/2008 10:00:00 AM
Client Sample ID: Earth Tech @ Behr
Matrix: S OIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP		**SW7470**				Analyst: **RJE**
TCLP Mercury	BDL	0.0020		mg/L	1	2/5/2008
ICP METALS, TCLP		**SW1311/6010B**				Analyst: **RJE**
TCLP Silver	BDL	0.010		mg/L	1	2/4/2008 6:37:48 PM
TCLP Arsenic	BDL	0.10		mg/L	1	2/4/2008 6:37:48 PM
TCLP Barium	0.90	0.010		mg/L	1	2/4/2008 6:37:48 PM
TCLP Cadmium	BDL	0.010		mg/L	1	2/4/2008 6:37:48 PM
TCLP Chromium	BDL	0.010		mg/L	1	2/4/2008 6:37:48 PM
TCLP Lead	BDL	0.050		mg/L	1	2/4/2008 6:37:48 PM
TCLP Selenium	BDL	0.10		mg/L	1	2/4/2008 6:37:48 PM
VOLATILE ORGANIC ANALYSIS		**SW8260A**				Analyst: **MG**
Acrolein	BDL	0.019		mg/Kg	0 7	1/24/2008 2:22:00 AM
Acrylonitrile	BDL	0.019		mg/Kg	0. 7	1/24/2008 2:22:00 AM
n-Hexane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Dichlorodifluoromethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Chloromethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Vinyl chloride	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Bromomethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Chloroethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Acetonitrile	BDL	0.039		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Trichlorofluoromethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Acetone	BDL	0.048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
1,1-Dichloroethene	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Iodomethane	BDL	0.0097		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Methylene chloride	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Carbon disulfide	BDL	0.019		mg/Kg	0. 7	1/24/2008 2:22:00 AM
trans-1,2-Dichloroethene	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Methyl tert-butyl ether	BDL	0.0097		mg/Kg	0. 7	1/24/2008 2:22:00 AM
1,1-Dichloroethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Vinyl acetate	BDL	0.0097		mg/Kg	0. 7	1/24/2008 2:22:00 AM
2-Butanone	BDL	0.019		mg/Kg	0. 7	1/24/2008 2:22:00 AM
cis-1,2-Dichloroethene	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Bromochloromethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Chloroform	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
2,2-Dichloropropane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
1,2-Dichloroethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
1,1,1-Trichloroethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
1,1-Dichloropropene	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Carbon tetrachloride	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Benzene	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Dibromomethane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
1,2-Dichloropropane	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM
Trichloroethene	BDL	0.0048		mg/Kg	0. 7	1/24/2008 2:22:00 AM

Belmont Labs

Date: *5-Feb-08*

CLIENT: Veolia ES Industrial Services
Project: Earth Tech @ Behr

Lab Order: 0801A98

VOLATILE ORGANIC ANALYSIS		SW8260A				Analyst: MG
Bromodichloromethane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
2-Chloroethyl vinyl ether	BDL	0.0097		mg/Kg	0.97	1/24/2008 2:22:00 AM
cis-1,3-Dichloropropene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
4-Methyl-2-pentanone	BDL	0.019		mg/Kg	0.97	1/24/2008 2:22:00 AM
trans-1,3-Dichloropropene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
1,1,2-Trichloroethane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Toluene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
1,3-Dichloropropane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
2-Hexanone	BDL	0.019		mg/Kg	0.97	1/24/2008 2:22:00 AM
Dibromochloromethane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
1,2-Dibromoethane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Tetrachloroethene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
1,1,1,2-Tetrachloroethane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Chlorobenzene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Ethylbenzene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
m,p-Xylene	BDL	0.0097		mg/Kg	0.97	1/24/2008 2:22:00 AM
Bromoform	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Styrene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
1,1,2,2-Tetrachloroethane	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
o-Xylene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Bromobenzene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
2-Chlorotoluene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
4-Chlorotoluene	BDL	0.0048		mg/Kg	0.97	1/24/2008 2:22:00 AM
Surr: Dibromofluoromethane	117	49-129		%REC	0.97	1/24/2008 2:22:00 AM
Surr: 1,2-Dichloroethane-d4	177	52-121	S	%REC	0.97	1/24/2008 2:22:00 AM
Surr: Toluene-d8	99.6	50-116		%REC	0.97	1/24/2008 2:22:00 AM
Surr: 4-Bromofluorobenzene	84.6	43-123		%REC	0.97	1/24/2008 2:22:00 AM

Belmont Labs **Date:** *15-Feb-08*

CLIENT:	Veolia ES Industrial Services	**Lab Order:**	0801A98
Project:	Earth Tech @ Behr		

Data Qualifiers (Flags)

!	See Case Narrative
*	Value exceeds Maximum Contaminant Level
A	Silica gel analysis not performed because the total oil and grease is less than detectable limits
B	Analyte detected in the associated Method Blank
BDL	Below Detection limit
C	Sample result confirmed by reanalysis
E	Value above quantitation range
F	Unable to obtain a reliable result due to matrix interference
H	Analysis completed outside holding times
J	Analyte detected below quantitation limits, estimated concentration for TICs
K	Result from method of standard additions
N	Presumptive evidence of analyte present
NG	No growth
P	Sample preservation does not meet method requirements
PQL	Practical Quantitation Limit or surrogate
S	Surrogate recovery outside acceptance limits
V	Calibration criteria exceeded, but acceptable by method

#88

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER
AND ENVIRONMENTAL ENGINEERING SERVICES

1210 WEST COUNTY ROAD E, Suite 700
SAINT PAUL, MN 55112

(651) 490-1405 FAX (651) 490-1006

DATE: March 22, 2001

PAGES: 19
(Includes cover page)

TO: Mike Plante
COMPANY: LBG
FAX #: 937-278-0146
PHONE #: 937-278-4871

TO: Mike Webb
COMPANY: ONYX
FAX #: 937-237-3669
PHONE #: 937-603-2597

TO: Gary Stanczuk
COMPANY: DC Corporate
FAX #: 248-576-7369
PHONE #: 248-576-7365

TO: Britt Crider
✓ **COMPANY:** DC Dayton Thermal
FAX #: 937-224-2915
PHONE #: 937-224-2532

FROM: Dave Strand/Ken Vogel

RE: Offsite drilling water disposal analytical results.

Here are the analytical results for the 1,000 gallon BLUE poly tank (sample WL0013), and the 1,000 gallon white CENTER poly tank (sample WL0014). Positive detections were:

	Trichloroethene	cis-1,2-Dichloroethene
WL0013	18 ug/L	7.8 ug/L
WL0014	190 ug/L	14 ug/L

The Ohio EPA hazardous waste regulatory level for trichloroethene is 500 ug/L.
There is no Ohio hazardous waste regulatory level for cis-1,2-dichloroethene.

We would like to get rid of this water Friday (tomorrow) if possible.

fax TRANSMITTAL S:\TECH\CHRIS\DAYTON\ANALYTIC\WATER\WASTEH2O.FAX

LBG / VOSEL

MAR 22 2001

TEST CERTIFICATE

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0103299
Report Date: 03/15/01
Work ID: SC001/OFFSITE DRILLING
Date Received: 03/14/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0103299-01	WL0013		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
David L. Bumgarner

KEMRON ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

L0103299

CHAIN OF CUSTODY:

The chain of custody number was 04631.

SHIPMENT CONDITIONS:

The chain of custody was received sealed in a cooler. The cooler temperature was 10° C.

SAMPLE MANAGEMENT:

All samples were received intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

REVIEWED: Melissa Shimo DATE: 3/14/01

Login #L0103299
March 15, 2001 03:49 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0103299-01
Client Sample ID: WL0013
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04631/
Date Collected: 03/13/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/15/01 Time: 01:39

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M42738

Method: 8260B\5030
Run ID: R117495
Batch : WG93856

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	5.0	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	5.0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L	7.8		5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

RL = Reporting Limit

Login #L0103299
March 15, 2001 03:49 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0103299-01
Client Sample ID: WL0013
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04631/
Date Collected: 03/13/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/15/01 Time: 01:39

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M42738

Method: 8260B\5030
Run ID: R117495
Batch : WG93856

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	18		5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	10	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	100	(86 - 118%)
1,2-Dichloroethane-d4	92.0	(80 - 120%)
Toluene-d8	107	(88 - 110%)
4-Bromofluorobenzene	106	(86 - 115%)

RL = Reporting Limit

Order #: 01-03-299
March 15, 2001 03:49 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG93856	R117495	L0103299-01		Water	Volatile Organics	8260B\5030	13-MAR-2001	Volatile - GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

03/12/2001

ABW - ANGELA B. WIGAL
ADB - AMANDA D. BREEDLOVE
ADH - ANGELA D. HURST
AJF - AMANDA J. FICKIESEN
ALT - ANN L. THAYER
AMT - ANDREA M. TUCKER
ARS - ANGELINA R. SCOTT
BJM - BARRY J. MYERS
BRG - BRENDA R. GREGORY
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CBN - CHARLES B. NOLL
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLW - CHARISSA L. WINTERS
CMS - CRYSTAL M. STEVENS
CRC - CARLA R. COCHRAN
CSH - CHRIS S. HILL
DAM - DAN A. MUSGRAVE
DAS - DALLAS A. SULLIVAN
DAT - DEBBIE A. TORNES
DCU - DAVID C. UNDERWOOD
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIH - DEANNA I. HESSON
DLA - DENISE L. ADAMS
DLB - DAVID L. BUMGARNER
DLN - DEANNA L. NORTON
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DP - DEANNA L. PIERSON
DST - DENNIS S. TEPE
DTK - DEENA T. KELLEY
EAN - ELIZABETH A. NICHOLSON
EAW - ELIZABETH A. WEBER
ECL - ERIC C. LAWSON
EIE - ELIZABETH I. EAGLE
GSG - GALEN S. GEORGE
GWH - GEORGE W. HUTCHISON
HD - HEATH DENNIS
HV - HEMA VILASAGAR
JAQ - JEROMY A. QUESENBERRY
JAW - JOYCE A. WITHERS
JKM - JUNE K. MORRIS
JKW - JANE K. WARDEN
JLH - JANICE L. HOLLAND
JMM - JARROD M. MARTIN
JMT - JOY M. THOMAS
JMW - JOHN M. WASS
JRM - JAY R. MCDOUGAL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KDS - KRISTI D. STONE
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
KSL - KELLY S. LAUER
LBM - LAWRENCE B. MCSWEGAN
LKN - LINDA K. NEDEFF
LSA - LOCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MDA - MICHAEL D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MDG - MELISSA D. GRIMES
MEF - MIKE E. FLANAGAN
MES - MARY E. SCHILLING
MLS - MICHAEL L. SCHIMMEL
MMB - MARRM M. BEERY
MRR - MICHELLE R. RAUCH
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
PML - PAULA M. LEIDY
RDC - REBECCA D. CUTLIP
REF - RON E. FERTILE
REK - ROBERT E. KYER
RJW - RHONDA J. WITTEKIND
RLW - RON L. WATSON
RSH - RENEE S. HENNES
RSS - REGINA S. SIMMONS
RVC - RUTH V. CALLIHAN
RWC - ROD W. CAMPBELL
SAM - SAMUAL A. MILLS
SJK - SINDY J. KINNEY
SLP - SHERI L. PFALZGRAF
SLT - STEPHANIE L. TEPE
SMW - SHAUNA M. WELCH
SPL - STEVE P. LEARN
SPS - STEVE P. SWATZEL
TJH - TIM J. HOEFLICH
TLD - TERESA L. DAVIS
TM - TODD MCGINNIS
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER

KEMRON Environmental Services, Inc
List of Valid Qualifiers
December 15, 2000

Standard Qualifiers

These are KEMRON's Standard Report Qualifiers

A	See the report narrative
B	Present in the method blank
C	Confirmed by GC/MS
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration >40% difference between The two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Re analysis confirms reported results
RE	Re analysis confirms sample matrix Interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out Of control limits
Z	Can not be resolved from isomer.***
+	Correlation coefficient for the MSA is less Than 0.995
<	Less than
>	Greater than
*	Surrogate or spike compound out of range

***** Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semiquantative screens only
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene
3. N-nitrosodiphenylamine cannot be separated from diphenylamine
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5. m-Xylene and p-Xylene are unresolvable compounds
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent

AFCEE Qualifiers

These are KEMRON's AFCEE Report Qualifiers

J	The analyte was positively identified, the quantitation is an estimation
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL
F	The analyte was positively identified but the associated numerical value is below the RL
R	The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
B	The analyte was found in an associated blank, as well as in the sample
M	The matrix effect was present
S	To be applied to all field screening data
T	Tentatively identified compound (using GC/MS)

Kemron
ENVIRONMENTAL SERVICES

ORGANIC QA/QC

Kemron Environmental Services - OVL
Volatile Quality Control Summary - 8260

Workgroup:	WG93556	Run Date:	3/14/2001	Sample Number:	01-291-01	LCS DF:	1
Method:	8260B	Instrument:	1IPMS2	Sample Filename:	2M42731.D	Sample DF:	1
Matrix:	WATER	Blank Filename:	2M42729.D	MS Filename:	2M42734.D	MS DF:	1
Units:	ug/L	LCS Filename:	2M42730.D	MSD Filename:	2M42735.D	MSD DF:	1

		CONCENTRATION, ug/L						PERCENT RECOVERY									OUTLIERS				
	MDL	Blank	LCS	Sample	MS	MSD	Spike Level	Blank	LCS	Sample	MS	MSD	LCL	UCL	MS RPD	RPD UCL	Blank	LCS	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%					
dichlorodifluoromethane	0.25	ND	21.41	ND	17.73	18.56	20.0	ND	107.2	ND	88.7	92.8	10.0	153.0	4.6	42.0					
chloromethane	0.56	ND	21.97	ND	18.79	20.78	20.0	ND	109.9	ND	94.0	103.9	49.0	129.0	10.1	30.0					
vinyl chloride	0.48	ND	22.27	ND	20.09	19.19	20.0	ND	111.4	ND	100.5	96.0	57.0	135.0	4.6	30.0					
bromomethane	0.25	ND	22.05	ND	18.88	20.29	20.0	ND	110.3	ND	94.4	101.5	58.0	140.0	7.2	39.0					
chloroethane	0.22	ND	20.66	ND	17.34	18.63	20.0	ND	103.3	ND	86.7	93.2	69.0	126.0	7.2	27.0					
trichlorofluoromethane	0.46	ND	20.09	ND	16.84	17.25	20.0	ND	100.5	ND	84.2	86.3	67.0	152.0	2.4	22.0					
acetone	1.84	ND	15.35	2.09	14.04	14.15	20.0	ND	76.8	2.09	59.8	60.3	40.0	142.0	0.8	40.0					
1,1-dichloroethene	0.27	ND	22.71	ND	18.53	19.90	20.0	ND	113.6	ND	92.7	99.5	81.0	130.0	7.1	18.0					
iodomethane	0.14	ND	33.32	ND	29.70	32.13	20.0	ND	166.6	ND	148.5	160.7	NA	NA	7.9	NA					
methylene chloride	0.60	ND	20.39	ND	17.91	19.25	20.0	ND	102.0	ND	89.6	96.3	76.0	125.0	7.2	19.0					
carbon disulfide	0.15	ND	19.02	ND	15.22	16.29	20.0	ND	95.1	ND	76.1	81.5	70.0	138.0	6.8	20.0					
methyl-tert-butyl ether	0.46	ND	18.36	ND	15.47	15.82	20.0	ND	91.8	ND	77.4	79.1	NA	NA	2.2	NA					
trans-1,2-dichloroethene	0.21	ND	21.41	ND	17.85	19.23	20.0	ND	107.1	ND	89.3	96.2	86.0	135.0	7.4	16.0					
n-hexane	0.23	ND	31.19	ND	26.16	26.61	20.0	ND	156.0	ND	130.8	133.1	58.1	141.9	1.7	30.0		H			
vinyl acetate	4.43	ND	14.97	ND	12.27	12.77	20.0	ND	74.9	ND	61.4	63.9	10.0	136.0	4.0	45.0					
1,1-dichloroethane	0.18	ND	20.33	ND	17.38	18.96	20.0	ND	101.7	ND	86.9	94.8	84.0	127.0	8.7	15.0					
2-butanone	1.17	ND	18.84	ND	14.60	15.36	20.0	ND	94.2	ND	73.0	76.8	61.0	137.0	5.1	30.0					
2,2-dichloropropane	0.23	ND	21.13	ND	18.10	18.99	20.0	ND	105.7	ND	90.5	95.0	79.0	130.0	4.8	17.0					
cis-1,2-dichloroethene	0.14	ND	20.04	ND	17.48	19.26	20.0	ND	100.2	ND	87.4	96.3	82.0	121.0	9.7	15.0					
chloroform	0.19	ND	20.07	6.51	22.88	24.40	20.0	ND	100.4	6.51	81.9	89.5	85.0	121.0	6.4	15.0			L		
bromochloromethane	0.19	ND	21.07	5.22	18.49	19.62	20.0	ND	105.4	5.22	66.4	72.0	85.0	121.0	5.9	15.0			L	L	
1,1,1-trichloroethane	0.25	ND	21.32	ND	18.02	18.85	20.0	ND	106.6	ND	90.1	94.3	78.0	127.0	4.5	17.0					
1,1-dichloropropene	0.21	ND	19.38	ND	16.08	17.60	20.0	ND	96.9	ND	80.4	88.0	91.0	135.0	9.0	15.0			L	L	
carbon tetrachloride	0.30	ND	21.46	ND	17.75	18.82	20.0	ND	107.3	ND	88.8	94.1	70.0	130.0	5.9	20.0					
1,2-dichloroethane	0.33	ND	19.37	ND	17.69	18.13	20.0	ND	96.9	ND	88.5	90.7	78.0	128.0	2.5	17.0					
benzene	0.17	ND	19.36	ND	16.75	18.10	20.0	ND	96.8	ND	83.9	90.5	87.0	112.0	7.7	15.0			L		
trichloroethene	0.17	ND	19.78	ND	16.76	18.22	20.0	ND	98.9	ND	83.8	91.1	83.0	123.0	8.3	15.0					
1,2-dichloropropane	0.12	ND	19.27	ND	16.70	18.23	20.0	ND	96.4	ND	83.5	91.2	81.0	121.0	8.8	15.0					
bromodichloromethane	0.25	ND	20.47	ND	22.73	23.91	20.0	ND	102.4	ND	113.7	119.6	81.0	126.0	5.1	16.0					
dibromomethane	0.19	ND	19.72	ND	17.74	18.27	20.0	ND	98.6	ND	88.7	91.4	83.0	122.0	2.9	15.0					
2-chloroethylvinyl ether	1.07	ND	14.69	ND	0.33	0.00	20.0	ND	73.5	ND	1.7	0.0	45.0	154.0	200.0	46.0			L	L	H
4-methyl-2-pentanone	1.10	ND	18.98	ND	15.35	15.76	20.0	ND	94.9	ND	76.8	78.8	66.0	132.0	2.6	33.0					
cis-1,3-dichloropropene	0.14	ND	20.20	ND	17.45	18.89	20.0	ND	101.0	ND	87.4	94.5	82.0	124.0	7.8	15.0					
toluene	0.16	ND	20.24	ND	17.31	19.04	20.0	ND	101.2	ND	86.6	95.2	84.0	123.0	9.5	15.0					
trans-1,3-dichloropropene	0.16	ND	20.79	ND	17.60	18.81	20.0	ND	104.0	ND	88.0	94.1	80.0	124.0	6.6	15.0					
1,1,2-trichloroethane	0.26	ND	20.35	ND	17.48	18.46	20.0	ND	101.8	ND	87.4	92.3	78.0	122.0	5.5	15.0					
2-hexanone	1.19	ND	18.57	ND	14.23	14.75	20.0	ND	92.9	ND	71.2	73.8	57.0	130.0	3.6	31.0					
1,3-dichloropropane	0.16	ND	19.53	ND	16.73	17.58	20.0	ND	97.7	ND	83.7	87.9	78.0	123.0	5.0	15.0					
tetrachloroethene	0.20	ND	20.98	ND	17.13	18.57	20.0	ND	104.9	ND	85.7	92.9	83.0	124.0	8.1	15.0					
dibromochloromethane	0.29	ND	20.13	2.29	19.22	20.49	20.0	ND	100.7	2.3	84.7	91.0	78.0	123.0	6.4	18.0					
1,2-dibromoethane	0.15	ND	20.09	ND	17.19	18.02	20.0	ND	100.5	ND	85.0	90.1	79.0	123.0	4.7	15.0					
1-chlorohexane	0.26	ND	20.06	ND	16.78	17.47	20.0	ND	100.3	ND	83.9	87.4	60.0	140.0	4.0	NA					
chlorobenzene	0.24	ND	19.97	ND	17.61	18.80	20.0	ND	99.9	ND	88.1	94.0	87.0	118.0	6.5	15.0					
1,1,1,2-tetrachloroethane	0.25	ND	20.69	ND	18.28	19.42	20.0	ND	103.5	ND	91.4	97.1	82.0	123.0	6.0	15.0					
ethylbenzene	0.20	ND	20.24	ND	17.87	18.78	20.0	ND	101.2	ND	89.4	93.9	85.0	121.0	5.0	15.0					
m+p-xylene	0.33	ND	40.33	ND	35.44	38.00	40.0	ND	100.8	ND	88.6	95.0	86.0	121.0	7.0	15.0					
o-xylene	0.16	ND	20.65	ND	18.16	19.51	20.0	ND	103.3	ND	90.8	97.6	85.0	121.0	7.2	15.0					
styrene	0.20	ND	20.37	ND	17.25	18.08	20.0	ND	101.9	ND	86.3	90.4	84.0	120.0	4.7	15.0					
bromoform	0.45	ND	19.65	ND	17.75	18.28	20.0	ND	98.3	ND	88.8	91.4	73.0	124.0	2.9	22.0					
isopropylbenzene	0.20	ND	19.99	ND	17.72	18.52	20.0	ND	100.0	ND	88.6	92.6	81.0	124.0	4.4	15.0					
1,1,2,2-tetrachloroethane	0.39	ND	19.55	ND	17.05	17.97	20.0	ND	97.8	ND	85.3	89.9	72.0	132.0	5.3	23.0					
1,2,3-trichloropropane	0.41	ND	19.50	ND	17.41	18.10	20.0	ND	97.5	ND	87.1	90.5	72.0	132.0	3.9	21.0					
propylbenzene	0.26	ND	20.41	ND	18.13	19.83	20.0	ND	102.1	ND	90.7	99.2	82.0	125.0	9.0	15.0					
bromobenzene	0.30	ND	19.25	ND	17.42	18.86	20.0	ND	96.3	ND	87.1	94.3	84.0	120.0	7.9	15.0					
1,3,5-trimethylbenzene	0.22	ND	20.09	ND	18.53	20.05	20.0	ND	100.5	ND	92.7	100.3	82.0	125.0	7.9	15.0					
2-chlorotoluene	0.30	ND	19.07	ND	18.66	19.42	20.0	ND	95.4	ND	93.3	97.1	80.0	128.0	4.0	15.0					
4-chlorotoluene	0.26	ND	20.24	ND	17.10	19.45	20.0	ND	101.2	ND	85.5	97.3	80.0	127.0	12.9	15.0					
tert-butylbenzene	0.36	ND	19.74	ND	17.64	19.20	20.0	ND	98.7	ND	88.2	96.0	80.0	121.0	8.5	15.0					
1,2,4-trimethylbenzene	0.23	ND	19.36	ND	17.96	19.38	20.0	ND	96.8	ND	89.8	96.9	84.0	125.0	7.6	15.0					
sec-butylbenzene	0.33	ND	19.73	ND	17.69	19.48	20.0	ND	98.7	ND	88.5	97.4	80.0	125.0	9.6	15.0					
p-isopropyltoluene	0.33	ND	19.77	ND	17.57	18.97	20.0	ND	98.9	ND	87.9	94.9	79.0	133.0	7.7	15.0					
1,3-dichlorobenzene	0.32	ND	19.77	ND	17.84	19.34	20.0	ND	98.9	ND	89.2	96.7	70.0	130.0	8.1	15.0					
1,4-dichlorobenzene	0.38	ND	19.25	ND	17.40	18.57	20.0	ND	96.3	ND	87.0	92.9	70.0	130.0	6.5	15.0					
n-butylbenzene	0.37	ND	21.38	ND	18.77	20.55	20.0	ND	106.9	ND	93.9	102.8	78.0	128.0	9.1	17.0					
1,2-dichlorobenzene	0.37	ND	19.71	ND	17.53	18.93	20.0	ND	98.6	ND	87.7	94.7	70.0	130.0	7.7	15.0					
1,2-dibromo-3-chloropropane	0.78	ND	17.42	ND	14.17	14.36	20.0	ND	87.1	ND	70.9	71.8	69.0	125.0	1.3	26.0					
1,2,4-trichlorobenzene	0.25	ND	19.48	ND	15.81	16.70	20.0	ND	97.4	ND	79.1	83.5	74.0	124.0	5.5	20.0					
hexachlorobutadiene	0.46	ND	21.29	ND	18.33	20.34	20.0	ND	106.5	ND	91.7	101.7	67.0	131.0	10.4	26.0					
naphthalene	0.48	ND	18.25	ND	14.11	14.73	20.0	ND	91.3	ND	70.6	73.7	69.0	126.0	4.3	24.0					
1,2,3-trichlorobenzene	0.33	ND	19.17	0.54	13.50	14.30	20.0	ND	95.9	0.5	64.8	68.3	60.0	137.0	5.1	33.0					
Surrogates																					
dibromofluoromethane		26.02	26.05	25.64	25.85	21.49	25.0	104.1	104.2	102.6	103.4	86.0	86	118						L	
1,2-dichloroethane-d4		25.04	24.47	23.42	23.78	19.50	25.0	100.2	97.9	93.7	95.1	78.0	80	120						L	
toluene-d8		26.39	26.53	26.43	26.05	22.30	25.0	105.6	106.1	105.7	104.2	89.2	88	110							
p-bromofluorobenzene		26.32	25.77	26.34	26.14	22.31	25.0	105.3	103.1	105.4	104.6	89.2	86	115							

Notes and Definitions:

RDL= Reporting Detection Limit
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate

LCL= Lower Control Limit
UCL= Upper Control Limit
ND= Not Detected

NS=Not spiked
NA=Not applicable
RPD= Relative Percent Difference

H=Above control limit
L=Below control limit
DF=Dilution Factor

CHRYSLER CORPORATION

Chain-of-Custody

04631 A

Offsite Drilling

CompuChem Kenron ~~501 Madison Avenue~~ 109 Starlite Park ~~Cary, NC 27513~~ Marietta OH Phone Number: ~~1-800-833-5097~~ 1-740-373-4071 Fax Number: (919) 379-4050 740	Project Name: Dayton Thermal Products Site Location: 1600 Webster St. Dayton, OH Site Code: SC001 RFA Number: YGQP2001209 SDG 209A Chrysler PM: Gary Stanczuk	Consultant: LBG Address: 1210 West County Road E St Paul MN Consultant PM: Kenneth Vogel Phone: 651 490 1406 Fax: 1006

~~Turn-around~~ Time Request:
- 24 calendar hrs.
- 48 calendar hrs.
- 10 days
- 28 days

Data Package Deliverables: (circle)
- Chrysler Level 1
- Chrysler Level 2
- Other (specify):

Compound List Parameter/Method/Bottle Type/Preservation

Matrix Codes: S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed - Sediment; O - Other (specify): See Remarks

Field Sample Identification	Date Collected	Time Collected	Grab(G) or Composite (C)	Matrix Code	Total # of Containers	TCL VOCs 5030B/5035/8260B								Volume pH<2	Metals pH<2	Cyanide pH>12	Other	Remarks
WL0013	3/13/01	1545	G	O	2	X												1000 gallons of waste water generated from drilling, well development and steam cleaning. (~250 gallons were in the tank already from the 4th qtr 2000 GW Sampling. (Blue Poly Tank)

Sampler(s): David Strand

Cooler ID # LBG

Is RFA sampling complete? Yes / No

Bottles Relinquished under Airbill No. NA			Samples Relinquished under Airbill No. 815313875312			Temperature (corrected) ___ C
Relinquished by: David Strand	Date: 3/13/01	Time: FedEx	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by: Rhonda Gregory	Date: 3/14/01	Time: 1007	Custody Seal Intact? Yes No

Chrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

SDG 209A

Distribution: White copy: Data package Yellow: Retained by laboratory Pink: Retained by sampler

C/C Sealed Intact Cooler Temp 10.6C

Page 1 of 1

Revision No 1
Created: September 23, 1997

03/22/2001 10:54 FAX

011/019

KEMRON Environmental Services | **SAMPLES RECEIPT FORM #1** | Marietta Laboratory

CLIENT: Compucheim BRG ARS Other _____	DATE: 3-14-01	SHIPPED BY: (✓) FED-EX ( ) AIRBORNE ( ) UPS ( ) EMERY ( ) RPS ( ) US MAIL ( ) KEMRON ( ) CLIENT

COOLER ID: Igloo	COOLER ID:	COOLER ID:
INDEX # : 815313875312	INDEX # :	INDEX # :
SEALED (✓) YES ( ) NO	SEALED ( ) YES ( ) NO	SEALED ( ) YES ( ) NO
CUSTODY ( ) YES (✓) NO	CUSTODY ( ) YES ( ) NO	CUSTODY ( ) YES ( ) NO
TEMP : (C) (D) 10 °C	TEMP : (C) (D) °C	TEMP : (C) (D) °C
TEMP IN RANGE (4°C ± 2°) ( ) YES (✓) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO
1 Small bag WET ICE (✓) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )
ICE FROZEN (✓) MELTED ( )	ICE FROZEN ( ) MELTED ( )	ICE FROZEN ( ) MELTED ( )
RADIATION CHECKED (✓) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO
SAMPLE INTACT (✓) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO
SAMPLE TYPE: WATER (✓) SOIL (✓) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )
LABELS: INTACT (✓) YES ( ) NO LEGIBLE (✓) YES ( ) NO MATCH COC (✓) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO
pH IN RANGE (2 - >9 - >12) AS APPROPRIATE ( ) YES ( ) NO	pH IN RANGE (2 - >9 - >12) AS APPROPRIATE ( ) YES ( ) NO	pH IN RANGE (2 - >9 - >12) AS APPROPRIATE ( ) YES ( ) NO
LOG-IN COMMENTS	LOG-IN COMMENTS	LOG-IN COMMENTS

TSR COMMENTS

CONTACT:	DATE:	TIME:

COMMENTS: ( ) VOICE ( ) FAX ( ) E-MAIL

Revised 02/21/01

CRF#4

Sample Receipt Form #2

Client: Compuchem Project:
Date Received: 3/14/01

10 Cooler temperature > than 6 degrees Celcius
Reason in small bag wet ice

_____ Samples received not on chain of custody

_____ Samples on chain of custody not received

_____ Information on sample containers different from chain of custody

_____ Sample containers received broken, leaking or not sealed (List sample ID)

_____ pH out (List sample ID & which container)

_____ Insufficient sample volume

_____ Air bubbles present in Voa vials (List sample ID)

_____ Hold time expired (List sample ID)

TSR:
Was client notified regarding information: YES NO
Name of person contacted: Company:
TSR: Date:
Attach: Phone Logs, e-mails, faxes, etc.

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0103388
Report Date: 03/20/01
Work ID: SC001/OFFSITE DRILLING
Date Received: 03/17/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0103388-01	WL0014		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
David L. Bumgarner

Login #L0103388
March 20, 2001 04:49 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0103388-01
Client Sample ID: WL0014
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04634/
Date Collected: 03/16/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/20/01 Time: 10:51

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M42831.D

Method: 8260B\5030
Run ID: R118050
Batch : WG94164

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	5.0	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	5.0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L	14		5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

RL = Reporting Limit

Login #L0103388
March 20, 2001 04:49 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0103388-01
Client Sample ID: WL0014
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04634/
Date Collected: 03/16/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 03/20/01 Time: 10:51

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M42831.D

Method: 8260B\5030
Run ID: R118050
Batch : WG94164

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	190		5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	10	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(86 - 118%)
1,2-Dichloroethane-d4	92.6	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

RL - Reporting Limit

CHRYSLER CORPORATION

Chain-of-Custody

04634 A

Offsite Drilling

Company: Kamron
~~501 Madison Avenue~~ 109 Starlite Park
~~Cary, NC 27513~~ Marietta OH 45750
Phone Number: ~~1-800-835-5097~~ 740 373 4071
Fax Number: (919) 379-4050

Project Name: Dayton Thermal Products
Site Location: 1600 Webster St. Dayton OH
Site Code: SC001
RFA Number: 4GAF2001209 SDG 209B
Chrysler PM: Gary Stanczuk

Consultant: LBG
Address: 1210 West County Road E
St. Paul MN 55112
Consultant PM: Kenneth Vogel
Phone: 651 490 1465 Fax: 1006

Turnaround Time Request:
- 24 calendar hrs.
- 48 calendar hrs.
- 10 days
- 28 days

Data Package Deliverables: (circle)
- Chrysler Level 1
- Chrysler Level 2
- Other (specify):

Compound List, Parameter/Method/Bottle Type/Preservative: TCL VOC 5030B/5035/8260B

Matrix Codes: S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed - Sediment; O - Other (specify)

Lab Use Only

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total Bottle Quantity	TCL VOC 5030B/5035/8260B	Volatile pH < 2	Metals pH < 2	Cyanide pH > 12	Other	Remarks
WL0014	3/16/01	1130	G	O	2	X					900 gallons wastewater contained in "Center Poly Tank", water generated from well development, well drilling and steam cleaning
											Sb rec'd 3/17/01
											Stored in locked Cooler over weekend by

Sampler(s): David Strand

Cooler ID #: KL 194

Is RFA sampling complete? Yes / No

Bottles Relinquished under Airbill No.: NA

Samples Relinquished under Airbill No.: 815313875301

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[signature]						Yes / No
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes / No
Relinquished by:	Date:	Time:	Received for Laboratory by: Glenda Glaory	Date: 3/19/01	Time: 0800	Custody Seal Intact? Yes / No

Chrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package Yellow: Retained by laboratory Pink: Retained by sampler

SDG 209B

C/C Dated
Sb intact
Cooler Temp 2 [illegible]

Revision No. 1
Created September 23, 199?

Page ___ of ___

KEMRON Environmental Services — **SAMPLES RECEIPT FORM #1** — Marietta Laboratory

CLIENT:	DATE:	SHIPPED BY:
Camuchem BRG ARS Other _____	3-19-01	(✓) FED-EX ( ) AIRBORNE ( ) UPS ( ) EMBRY ( ) RPS ( ) US MAIL ( ) KEMRON ( ) CLIENT

COOLER ID: KL194	COOLER ID:	COOLER ID:
INDEX #: 8153 13875301	INDEX #:	INDEX #:
SEALED (✓) YES ( ) NO	SEALED ( ) YES ( ) NO	SEALED ( ) YES ( ) NO
CUSTODY (✓) YES ( ) NO	CUSTODY ( ) YES ( ) NO	CUSTODY ( ) YES ( ) NO
TEMP: (C) 2 (D) 2 °C	TEMP: (C) (D) °C	TEMP: (C) (D) °C
TEMP IN RANGE (4°C ± 2°) (✓) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO
WET ICE (✓) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )
ICE FROZEN (✓) MELTED ( )	ICE FROZEN ( ) MELTED ( )	ICE FROZEN ( ) MELTED ( )
RADIATION CHECKED (✓) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO
SAMPLE INTACT (✓) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO
SAMPLE TYPE; WATER (✓) SOIL (✓) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )
LABELS: INTACT (✓) YES ( ) NO LEGIBLE (✓) YES ( ) NO MATCH COC (✓) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO
pH IN RANGE (2 - >9 - >12) AS APPROPRIATE ( ) YES ( ) NO	pH IN RANGE (2 - >9 - >12) AS APPROPRIATE ( ) YES ( ) NO	pH IN RANGE (2 - >9 - >12) AS APPROPRIATE ( ) YES ( ) NO
LOG-IN COMMENTS	LOG-IN COMMENTS	LOG-IN COMMENTS

TSR COMMENTS

CONTACT:	DATE:	TIME:

COMMENTS: ( ) VOICE ( ) FAX ( ) E-MAIL

Revised 02/21/01

KEMRON Environmental Services, Inc.
LOGIN CHAIN OF CUSTODY REPORT (ln01)
Mar 19 2001, 08:21 am

Login Number: L0103388
Account: COMPUCHEM-529 CompuChem
Project: 529-DAYTON SOIL Ohio VAP Soils

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date
L0103388-01	WL0014	16-MAR-01	17-MAR-01	PFF	20-MAR-01

level 2 & 4; int c/c; Send level 2 pkg

Water	S	8260	Hold:30-MAR-01	1/v1 40g hcl	2 Bottles
Services	S	EDD		2/	
Services	S	ICOC		2/	
Services	P	L4		2/	
Services	C	L4-6010		2/	
Services	C	L4-6020		2/	
Services	C	L4-7000		2/	
Services	C	L4-8021		2/	
Services	C	L4-8081		2/	
Services	C	L4-8082		2/	
Services	C	L4-8151		2/	
Services	C	L4-8260		2/	
Services	C	L4-8270		2/	
Services	C	L4-8310		2/	
Services	C	L4-8330		2/	
Services	C	L4-9056		2/	
Services	C	L4-DRO		2/	
Services	C	L4-GRO		2/	
Services	C	L4-RSK175		2/	
Services	C	L4CV		2/	
Services	C	LEVEL-4		2/	
Services	S	LEVEL-2		2/	

Signature: KCG MG

Date: 3/19 3/19

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER
AND ENVIRONMENTAL ENGINEERING SERVICES

1210 WEST COUNTY ROAD E, Suite 700
SAINT PAUL, MN 55112

(651) 490-1405 FAX (651) 490-1006

DATE: April 6, 2001

PAGES: 6
(Includes cover page)

TO:
COMPANY:

FAX #:
PHONE #:

TO: Mike Webb
COMPANY: ONYX

FAX #: 937-237-3669
PHONE #: 937-603-2597

TO: Gary Stanczuk
COMPANY: DC Corporate

FAX #: 248-576-7369
PHONE #: 248-576-7365

TO: Britt Crider
COMPANY: DC Dayton Thermal

FAX #: 937-224-2915
PHONE #: 937-224-2532

FROM: Ken Vogel/Mike Plante

RE: Offsite drilling water disposal analytical results.

Here are the analytical results for the 1,000 gallon BLUE poly tank (sample WL0016). Positive detections were:

	Trichloroethene	cis-1,2-Dichloroethene
WL0016	13 ug/L	6.4 ug/L

The Ohio EPA hazardous waste regulatory level for trichloroethene is 500 ug/L.
There is no Ohio hazardous waste regulatory level for cis-1,2-dichloroethene.

fax TRANSMITTAL S:\TECH\DCHRT\DAYTON\ANALYTIC\WATER\WATE#3.FAX

COMPUCHEM
a division of Liberty Analytical Corp.
501 Madison Avenue
Cary, NC 27513

Visit our web site –
www.compuchemlabs.com

FAX

TO: MIKE PLANT
NICOLE MAR
FAX: (651) 490-1006
DATE: 4/6/01

FROM: CATHY DOVER
PHONE: (919) 379-4100
FAX: (919) 379-4050

PAGES WITH COVER: 5

COMMENTS:

FINAL RESULTS FOR WL0016

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0104001
Report Date: 04/06/01
Work ID: SC001/OFFSITE DRILLING
Date Received: 03/31/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0104001-01	WL0016		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
David L. Bumgarner

KEMRON ENVIRONMENTAL SERVICES

Login #L0104001
April 6, 2001 09:55 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104001-01
Client Sample ID: WL0016
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 0266/
Date Collected: 03/29/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/02/01 Time: 10:27

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M43082.D

Method: 8260B\5030
Run ID: R119645
Batch : WG94856

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	5.0	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	5.0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L	6.4		5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

RL = Reporting Limit

Login #L0104001
April 6, 2001 09:55 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104001-01
Client Sample ID: WL0016
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 0266/
Date Collected: 03/29/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/02/01 Time: 10:27

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M41082.D

Method: 8260B\5030
Run ID: R119645
Batch : WG94856

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	13		5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	10	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	110	(86 - 118%)
1,2-Dichloroethane-d4	108	(80 - 120%)
Toluene-d8	103	(88 - 110%)
4-Bromofluorobenzene	102	(86 - 115%)

RL = Reporting Limit

Order #: 01-04-001
April 6, 2001 09:55 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG98856	R119645	L0104001-01		Water	Volatile Organics	8260B\5030	29-MAR-2001	Volatile - GC/MS

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER
AND ENVIRONMENTAL ENGINEERING SERVICES

1210 WEST COUNTY ROAD E, Suite 700
SAINT PAUL, MN 55112
(651) 490-1405 FAX (651) 490-1006

DATE: April 9, 2001	**PAGES:** 6 **(Includes cover page)**
TO: **COMPANY:**	**FAX #:** **PHONE #:**
✓ **TO:** Mike Webb **COMPANY:** ONYX	**FAX #:** 937-237-3669 **PHONE #:** 937-603-2597
TO: Gary Stanczuk **COMPANY:** DC Corporate	**FAX #:** 248-576-7369 **PHONE #:** 248-576-7365
TO: Britt Crider **COMPANY:** DC Dayton Thermal	**FAX #:** 937-224-2915 **PHONE #:** 937-224-2532

FROM: Ken Vogel/Dave Strand DVS

RE: Offsite drilling water disposal analytical results.

Here are the Final analytical results for the 1,000 gallon CENTER poly tank (sample WL0017). Positive detections were:

	Trichloroethene	cis-1,2-Dichloroethene
WL0017	33 ug/L	5.2 ug/L

The Ohio EPA hazardous waste regulatory level for trichloroethene is 500 ug/L.
There is no Ohio hazardous waste regulatory level for cis-1,2-dichloroethene.

fax TRANSMITTAL S:\TECH\3CHRY\DAYTON\ANALYTIC\WATER\WASTE#3.FAX

COMPUCHEM
a division of Liberty Analytical Corp.
501 Madison Avenue
Cary, NC 27513

Visit our web site –
www.compuchemlabs.com

FAX

TO: MIKE PLANT
NICOLE MARCELL
FAX: (651) 490-1006
DATE: 4/9/01

FROM: CATHY DOVER
PHONE: (919) 379-4100
FAX: (919) 379-4050

PAGES WITH COVER: 4

COMMENTS:

FINAL RESULTS FROM KEMRON FOR
WL0017

Login #L0104027
April 9, 2001 08:12 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104027-01
Client Sample ID: WL0017
Site/Work ID: OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04637/
Date Collected: 04/02/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/03/01 Time: 11:58

Instrument: HPMS2
Analyst: RBS
Lab File ID: 2M43123.D

Method: 8260B\5030
Run ID: R119674
Batch : WG94938

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	5.0	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	5.0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	20	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L	5.2		5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

RL = Reporting Limit

003
COMPUCHEM

Login #L0104027
April 9, 2001 08:12 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104027-01
Client Sample ID: WL0017
Site/Work ID: OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04637/
Date Collected: 04/02/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/03/01 Time: 11:58

Instrument: HPMS2
Analyst: RSB
Lab File ID: 2M43123.D

Method: 8260B\5030
Run ID: R119674
Batch : WG94938

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	33		5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	10	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	103	(86 - 118%)
1,2-Dichloroethane-d4	98.8	(80 - 120%)
Toluene-d8	106	(88 - 110%)
4-Bromofluorobenzene	106	(86 - 115%)

RL = Reporting Limit

COMPUCHEM
004

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0104027
Report Date: 04/09/01
Work ID: OFFSITE DRILLING
Date Received: 04/03/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0104027-01	WL0017		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
David L. Bungarner

KEMRON ENVIRONMENTAL SERVICES

CHRYSLER CORPORATION

Chain-of-Custody

04637 A

Offsite Drilling

CompuChem Kemron
501 Madison Avenue 109 Starlite Park
~~Cary, NC 27513~~ Marietta OH 45750
Phone Number: ~~1-800-833-5097~~ 740 373 4071
Fax Number: ~~(919) 379-4050~~

Project Name: Dayton Thermal Products
Site Location: 1600 Webster St. Dayton OH
Site Code: SC001
RFA Number: YGQA200/209 SDG 209E
Chrysler PM: Gary Stanczuk

Consultant: LBG
Address: 1210 West County Road E
St. Paul MN
Consultant PM: Kenneth Vogel
Phone: 651 490 1405 Fax 1006

Turn-around Time Request:
- 24 calendar hrs.
- 48 calendar hrs.
- 10 days
- 28 days

Data Package Deliverables: (circle)
- Chrysler Level 1
- Chrysler Level 2
- Other (specify):

Compound List/Parameter/Method/Bottle Type/Preservative

Matrix Codes: SL Soil; SW Surface Water; GW Groundwater; A Air; Sed Sediment; O Other (specify) Use remarks

Field Sample Identification	Date Collected	Time Collected	Grab (G) Composite (C)	Matrix Code	Total # of Containers	TCL VOC 5020B/5035/8260B 40 ml VOAs, HCl								Lab Use Only: Sample ID	Matrix ID	Container ID	Date	Remarks
WL0017	4/2/01	1715	G	O	2	X												900 gallons waste water contained in "Center 1000 gallon Poly Tank". Water was generated from well drilling, development and steam cleaning.

Sampler(s): David Strand

Cooler ID #: LBG01-01

Is RFA sampling complete? Yes No

Bottles Relinquished under Airbill No. 4536635901 FedEx

Samples Relinquished under Airbill No. 815313875297 FedEx

Temperature (corrected) ___ C

Relinquished by	Date	Time	Received by	Date	Time	Custody Seal Intact?
[signature]	4/2/01	FedEx				Yes No
						Yes No
						Yes No

SDG-209E

Chrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package Yellow: Retained by laboratory Pink: Retained by sampler

Revision No. 1
Created: September 23, 1997

Page 1 of 1

PAGE.06

APR 09 '01 09:58

PELA

APR 2 2001

MEMORANDUM

cc: Ken Vogel (LBG)/Gary Stanczuk (DaimlerChrysler)/Tech

TO: Mumtaz Azmeh

FROM: Lois D. George

SUBJECT: Conversation with Whit Slagle, ADEM

DATE: March 30, 2001 PELA Reference No.: **541811**

At the request of Ken Vogel (LBG) on March 29, 2001, LDG contacted Whit Slagle at ADEM to determine whether returning excavated surface soils to the trenches would be an acceptable approach to soil handling during installation of the MPE piping system.

Slagle, upon consideration of the project status, site setting, and remedial objectives, concurred with the approach.

LDG\amk
S:\5001\5418\memo\trenchng.doc

ALTECH

ALTECH ENVIRONMENTAL SERVICES, INC.

March 21, 2001

DaimlerChrysler Corporation
Attn: Mr. Gary Stanczuk
800 Chrysler Drive
Auburn Hills, Michigan 48326

Re: Installation of Soil & Ground-Water Remediation System
Accustar Plant #2
Huntsville, Alabama

Dear Mr. Stanczuk,

The purpose of this correspondence is to provide you our estimated schedule and to identify the key individuals who will play the major roles for the subject project in advance of our "kick-off" meeting at the site on March 26, 2001.

Enclosed is an organization chart that depicts the firms and responsible individuals for the project. Altech has retained Stevens Drilling and Environmental Services, Inc. to conduct most of the on-site construction activities. Mr. Michael J. Saffran, P.E. of my staff will serve as the Quality Control Manager for the project. He will provide on-site inspection of the work as necessary and provide direction to our subcontract firm regarding any questions or issues that may arise during construction based on input from you and the Engineer (Leggette, Brashears & Graham, Inc.).

Allowing for a break of major construction activities during Easter week, we estimate the project construction will be completed by May 4, 2001.

We appreciate this opportunity to support DaimlerChrysler and look forward to working with you toward successful completion of the project. Please call me at (248) 353-3832 if you have any questions or need any further information.

Sincerely
Altech Environmental Services, Inc.

Aloysius A. Aguwa, Ph.D.
President

Enclosure

24209 NORTHWESTERN HWY., SUITE 230 • SOUTHFIELD, MI 48075 • (248) 353-3832 • FAX (248) 353-5485

MEMORANDUM

TO: GARY STANCZUK, DAIMLERCHRYSLER

CC: KEN VOGEL AND LYNDSEY ALM, LBG

FROM: KRISTIN YAHNKE

DATE: MARCH 29, 2001

RE: BUILDING 50B PILOT TESTING ACTIVITIES

AlTech and John Oswald from LBG will be on-site Wednesday April 4, 2001 to install the six SVE wells (shallow and deep well at three locations). The wells will be 1.5-inch diameter PVC and will be installed utilizing a Geoprobe™. A utility locate meeting has been scheduled with Britt Crider for Wednesday morning at 8:00 a.m. The well installation is scheduled be completed by Friday April 6, 2001.

Lyndsey Alm and myself will be on-site Monday April 9, 2001 to begin pilot testing activities. The tasks to be completed during the pilot testing activities include the following:

- oversee Mechanical and Electrical Contractors connection of pilot equipment;
- conduct pilot test per procedures summarized below;
- review with Dayton Thermal Products (DTP) personnel and subcontractors space requirements and utility locations in the event pilot testing results warrant re-locating the SVE system, catox, and scrubber in the vicinity of Building 50; and
- review with DTP personnel and subcontractors the requirements for relocating the job trailer.

The pilot testing will consist of conducting a Geologic Formation Curve Test at each location and then operating the equipment at the highest achievable flow rate for 24-hours to evacuate approximately one-pore volume for a well with a 100-feet radius of influence (ROI). Wellhead vacuum, flow, and PID level will be monitored at 20-minutes, 40-Minutes, 1-hours, 2-hours, 4-hours, 6-hours, 8-hours, 12-hours, and 24-hours after start-up. A Summa canister sample will be collected after 24 hours of operation. As the monitor wells in the vicinity of the testing activities are screened below the groundwater elevation, no vacuum versus distance data will be collected.

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER
AND ENVIRONMENTAL ENGINEERING SERVICES

1210 WEST COUNTY ROAD E, Suite 700
SAINT PAUL, MN 55112
(651) 490-1405 FAX (651) 490-1006

DATE: April 13, 2001	**PAGES:** 7 **(Includes cover page)**
TO: **COMPANY:**	**FAX #:** **PHONE #:**
✓ **TO:** Mike Webb **COMPANY:** ONYX	**FAX #:** 937-237-3669 **PHONE #:** 937-603-2597
TO: Gary Stanczuk **COMPANY:** DC Corporate	**FAX #:** 248-576-7369 **PHONE #:** 248-576-7365
TO: Britt Crider **COMPANY:** DC Dayton Thermal	**FAX #:** 937-224-2915 **PHONE #:** 937-224-2532

FROM: Ken Vogel/Dave Strand DVS

RE: Offsite drilling water disposal analytical results.

Here are the Final analytical results for the 1,000 gallon SOUTH poly tank (sample WL0018) and preliminary results for the BLUE poly tank (sample WL0019). Positive detections were:

	Trichloroethene	cis-1,2-Dichloroethene
WL0018	9.8 ug/L	ND
WL0019	41 ug/L	8.3 ug/L

The Ohio EPA hazardous waste regulatory level for Trichloroethene is 500 ug/L.
There is no Ohio hazardous waste regulatory level for cis-1,2-Dichloroethene.

fax TRANSMITTAL S:\TECH\CHRT\DAYTON\ANALYTIC\WATER\WASTE#5.FAX

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0104139
Report Date: 04/09/01
Work ID: SC001/OFFSITE DRILLING
Date Received: 04/06/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0104139-01	NL0018		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

David L. Bumgarner

Certified By
David L. Bumgarner

KEMRON
ENVIRONMENTAL SERVICES

Login #L0104139
April 9, 2001 03:59 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104139-01
Client Sample ID: WL0018
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04638/
Date Collected: 04/05/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/09/01 Time: 11:25

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M43260

Method: 8260B\5030
Run ID: R120036
Batch : WG95199

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	5.0	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	5.0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

RL = Reporting Limit

Login #L0104139
April 9, 2001 03:59 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104139-01
Client Sample ID: WL0018
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04638/
Date Collected: 04/05/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/09/01 Time: 11:25

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M43260

Method: 8260B\5030
Run ID: R120036
Batch : WG95199

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	9.8		5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	10	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	106	(86 - 118%)
1,2-Dichloroethane-d4	102	(80 - 120%)
Toluene-d8	110	(88 - 110%)
4-Bromofluorobenzene	107	(86 - 115%)

RL = Reporting Limit

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

CompuChem
501 Madison Ave.
Cary, NC 27513

Attention: Diane Byrd

PO Number:
Account Number: COMPUCHEM-529

Login #: L0104198
Report Date: 04/12/01
Work ID: SC001/OFFSITE DRILLING
Date Received: 04/11/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0104198-01	WL0019		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

PRELIMINARY

Certified By
David L. Bumgarner

Login #L0104198
April 12, 2001 04:27 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104198-01
Client Sample ID: WL0019
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04641/
Date Collected: 04/10/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/11/01 Time: 17:33

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M41335.D

Method: 8260B\5030
Run ID: R120359
Batch : WG95396

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	5.0	1
108-86-1	Bromobenzene	ug/L		ND	5.0	1
74-97-5	Bromochloromethane	ug/L		ND	5.0	1
75-27-4	Bromodichloromethane	ug/L		ND	5.0	1
75-25-2	Bromoform	ug/L		ND	5.0	1
74-83-9	Bromomethane	ug/L		ND	10	1
78-93-3	2-Butanone	ug/L		ND	100	1
104-51-8	n-Butylbenzene	ug/L		ND	5.0	1
135-98-8	sec-Butylbenzene	ug/L		ND	5.0	1
98-06-6	tert-Butylbenzene	ug/L		ND	5.0	1
75-15-0	Carbon disulfide	ug/L		ND	5.0	1
56-23-5	Carbon tetrachloride	ug/L		ND	5.0	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
124-48-1	Chlorodibromomethane	ug/L		ND	5.0	1
75-00-3	Chloroethane	ug/L		ND	10	1
110-75-8	2-Chloroethyl vinyl ether	ug/L		ND	10	1
67-66-3	Chloroform	ug/L		ND	5.0	1
74-87-3	Chloromethane	ug/L		ND	10	1
95-49-8	2-Chlorotoluene	ug/L		ND	5.0	1
106-43-4	4-Chlorotoluene	ug/L		ND	5.0	1
96-12-8	1,2-Dibromo-3-chloropropane	ug/L		ND	5.0	1
106-93-4	1,2-Dibromoethane	ug/L		ND	5.0	1
74-95-3	Dibromomethane	ug/L		ND	5.0	1
95-50-1	1,2-Dichlorobenzene	ug/L		ND	5.0	1
541-73-1	1,3-Dichlorobenzene	ug/L		ND	5.0	1
106-46-7	1,4-Dichlorobenzene	ug/L		ND	5.0	1
75-71-8	Dichlorodifluoromethane	ug/L		ND	10	1
75-34-3	1,1-Dichloroethane	ug/L		ND	5.0	1
107-06-2	1,2-Dichloroethane	ug/L		ND	5.0	1
75-35-4	1,1-Dichloroethene	ug/L		ND	5.0	1
156-59-2	cis-1,2-Dichloroethene	ug/L	8.3		5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
78-87-5	1,2-Dichloropropane	ug/L		ND	5.0	1
142-28-9	1,3-Dichloropropane	ug/L		ND	5.0	1
594-20-7	2,2-Dichloropropane	ug/L		ND	5.0	1
10061-01-5	cis-1,3-Dichloropropene	ug/L		ND	5.0	1
10061-02-6	trans-1,3-Dichloropropene	ug/L		ND	5.0	1
563-58-6	1,1-Dichloropropene	ug/L		ND	5.0	1

PRELIMINARY

RL - Reporting Limit

Login #L0104198
April 12, 2001 04:27 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L0104198-01
Client Sample ID: WL0019
Site/Work ID: SC001/OFFSITE DRILLING
Matrix: Water

Dil. Type: N/A
COC Info: 04641/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 04/10/01

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/11/01 Time: 17:33

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M43335.D

Method: 8260B\5030
Run ID: R120359
Batch : WG95396

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
87-68-3	Hexachlorobutadiene	ug/L		ND	5.0	1
98-82-8	Isopropylbenzene	ug/L		ND	5.0	1
99-87-6	p-Isopropyltoluene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
91-20-3	Naphthalene	ug/L		ND	10	1
103-65-1	n-Propylbenzene	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
87-61-6	1,2,3-Trichlorobenzene	ug/L		ND	5.0	1
120-82-1	1,2,4-Trichlorobenzene	ug/L		ND	5.0	1
71-55-6	1,1,1-Trichloroethane	ug/L		ND	5.0	1
79-00-5	1,1,2-Trichloroethane	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	41		5.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
96-18-4	1,2,3-Trichloropropane	ug/L		ND	5.0	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
108-05-4	Vinyl acetate	ug/L		ND	10	1
75-01-4	Vinyl chloride	ug/L		ND	10	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	107	(86 - 118%)
1,2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	102	(88 - 110%)
4-Bromofluorobenzene	101	(86 - 115%)

RL = Reporting Limit

LEGGETTE, BRASHEARS & GRAHAM, INC.

PROFESSIONAL GROUND-WATER
AND ENVIRONMENTAL ENGINEERING SERVICES
1210 WEST COUNTY ROAD E
SAINT PAUL, MN 55112
(651) 490-1405
FAX (651) 490-1006

DATE: 4/16/01

PAGES: 9
(Includes cover page)

TO: Gary Stanczuk
COMPANY: DC Corporate
Fax: 248-576-7369
Phone: 248-576-7365

TO: Britt Crider
COMPANY: DC Dayton Thermal
Fax: 937-224-2915
Phone: 937-224-2532

TO: Mike Webb
COMPANY: ONYX
Fax: 937-237-3669
Phone: 937-603-2597

FROM: Mike Plante

RE: Frac tank analytical

Attached are the analytical results for water sample WL41131. This sample represents cleaning rinse waters from BLDG 50 sumps and sump lines between line 50A and the west wall. The frac tank contains approximately 2000 to 2500 gallons. The concentration of 13.5 mg/L for Lead exceeds the OEPA haz level of 5 mg/L. Other detected compounds were below OEPA haz levels. PCBs were not detected.

Please contact Kathleen Weinrich (651) if transmission is incomplete or cannot be read.

fax MEMORANDUM

S:\Tech\SCHRT\DAYTON\FINALDOC\WL41131_fax.doc

DAYTON THERMAL PRODUCTS
DAYTON, OHIO

SEWER CLEANOUT
SUMMARY OF POSITIVE DETECTIONS

ORIGIN	SAMPLE ID	DATESAMP	PARAMETER	OHIO EPA TCLP REGULATORY LEVEL	RESULT	QUAL	UNITS	MATRIX	GROUP
FRAC TANK #4113, FIRST SAMPLE. RINSE WATER FROM BLDG 50 SUMP AND SUMP LINES BETWEEN LINE 50A AND THE WEST WALL.	WL41131	3/30/2001	2,4,5-T	--	1.02		UG/L	WATER	HERB
	WL41131	3/30/2001	2,4-D	10000	5.87		UG/L	WATER	HERB
	WL41131	3/30/2001	Dinoseb	--	0.71		UG/L	WATER	HERB
	WL41131	3/30/2001	Arsenic	5	0.0072		MG/L	WATER	METALS
	WL41131	3/30/2001	Barium TR	100	1.72		MG/L	WATER	METALS
	WL41131	3/30/2001	Cadmium	1	0.0024		MG/L	WATER	METALS
	WL41131	3/30/2001	Chromium	5	0.0449		MG/L	WATER	METALS
	WL41131	3/30/2001	Copper TR	--	0.448		MG/L	WATER	METALS
	WL41131	3/30/2001	Lead TR	5	13.6		MG/L	WATER	METALS
	WL41131	3/30/2001	Mercury	0.2	0.000034	J	MG/L	WATER	METALS
	WL41131	3/30/2001	Selenium	1	0.0033	J	MG/L	WATER	METALS
	WL41131	3/30/2001	Silver TR	5	0.0231		MG/L	WATER	METALS
	WL41131	3/30/2001	Zinc TR	--	4.25		MG/L	WATER	METALS
	WL41131	3/30/2001	Alpha Chlordane	--	0.0132		UG/L	WATER	PEST
	WL41131	3/30/2001	DDT	--	0.0054	J	UG/L	WATER	PEST
	WL41131	3/30/2001	Dieldrin	--	0.032		UG/L	WATER	PEST
	WL41131	3/30/2001	Endosulfan I	--	0.0970		UG/L	WATER	PEST
	WL41131	3/30/2001	Endosulfan Sulfate	--	0.0047	J	UG/L	WATER	PEST
	WL41131	3/30/2001	2,4-Dimethylphenol	--	1	J	UG/L	WATER	SVOC
	WL41131	3/30/2001	2,6-Dinitrotoluene	--	2	J	UG/L	WATER	SVOC
	WL41131	3/30/2001	4-Methylphenol	--	86		UG/L	WATER	SVOC
	WL41131	3/30/2001	bis(2-Ethylhexyl)phthalate	--	39		UG/L	WATER	SVOC
	WL41131	3/30/2001	Butylbenzylphthalate	--	220		UG/L	WATER	SVOC
	WL41131	3/30/2001	Di-n-butylphthalate	--	3	J	UG/L	WATER	SVOC
	WL41131	3/30/2001	Phenol	--	18		UG/L	WATER	SVOC
	WL41131	3/30/2001	Pyrene	--	3	J	UG/L	WATER	SVOC
	WL41131	3/30/2001	2-Butanone (MEK)	200000	26		UG/L	WATER	VOC
	WL41131	3/30/2001	Acetone	--	54		UG/L	WATER	VOC
	WL41131	3/30/2001	Chloroform	6000	2	J	UG/L	WATER	VOC
	WL41131	3/30/2001	Styrene	--	2	J	UG/L	WATER	VOC
	WL41131	3/30/2001	Toluene	--	1	J	UG/L	WATER	VOC

Lancaster Laboratories
Where quality is a science.

FAX Cover Page

Pages 7

CONFIDENTIAL MATERIAL

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If received in error, please notify sender at once and return the original faxed transmission by U. S. Postal Service to the address indicated below. Thank you.

2425 New Holland Pike
Lancaster, PA 17605-2425

Phone: 717-656-2300
Fax: 717-656-2681

Deliver to: Mr. Ken Vogel

Company: 10160 417 320 Mr. Ken Vog DAIMLERCHRYSLER CORPORATIO

Fax: 16514901006

From: Gwen A. Birchall Ext

Message:

RFA 01-212

Frac Tank 4113

Sample W L 41131

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: W03581189 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 03/31/01 Date Reported: NOT REP
Date Collected: 03/30/01

WL4 131 Grab Water Sample
Site Code: SC001 RFA# YGQP2001212
Dayton Thermal, Sewer Cleanout, Bldg 50

	ANALYSIS NAME	RESULT	METHOD DETECTION LIMIT	UNITS
0200	pH	7.74	0.010	
0259	Mercury	0.000034J	0.00002	mg/l
0430	Flash Point for Liquids	No Flash Observed	50.	Degrees F

No flash observed below 172F.
Test flame extinguished at 152F.
Flash point was determined using Pensky Martens closed cup apparatus.
==========

C496	Corrosivity	See Below	See Below

Corrosivity:
The pH of a sample was 7.74 indicating that the sample is not corrosive.
A waste is corrosive if it exhibits a pH equal to or less than 2
or equal to or greater than 12.5.
==========

0937 TCL Pesticides in Waters
Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

The gamma-chlordane recovery is outside the QC limits for the LCSD. Since the recovery is high and gamma-chlordane was not detected in the sample, the results are reported.
==========

1600	Alpha BHC	N.D.	0.0020	ug/l
1601	Beta BHC	N.D.	0.0020	ug/l
1603	Delta BHC	N.D.	0.0057	ug/l
1602	Gamma BHC - Lindane	N.D.	0.0020	ug/l
1604	Heptachlor	N.D.	0.0020	ug/l
1605	Aldrin	N.D.	0.0020	ug/l
1606	Heptachlor Epoxide	N.D.	0.0020	ug/l
1616	Endosulfan I	0.0970	0.0020	ug/l
1610	Dieldrin	0.032	0.0039	ug/l

1607	DDE	N.D.	0.0039	ug/l

Page 2

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: WW3581189 Account: 10160 DAIMLERCHRYSLER CORPORATION

1611	Endrin	N.D.	0.0039	ug/l
1615	Endosulfan II	N.D.	0.0039	ug/l
1608	DDD	N.D.	0.0039	ug/l
1617	Endosulfan Sulfate	0.0047 J	0.0039	ug/l ✓
1609	DDT	0.0054 J	0.0039	ug/l ✓
0938	Endrin Ketone	N.D.	0.0039	ug/l
1860	Methoxychlor	N.D.	0.020	ug/l
1361	Alpha Chlordane	0.0132	0.0020	ug/l ✓
1362	Gamma Chlordane	N.D.	0.0020	ug/l
1613	Toxaphene	N.D.	0.30	ug/l
1618	Endrin Aldehyde	N.D.	0.0039	ug/l
1619	PCB-1016	N.D.	0.099	ug/l
1620	PCB-1221	N.D.	0.099	ug/l
1621	PCB-1232	N.D.	0.099	ug/l
1622	PCB-1242	N.D.	0.099	ug/l
1623	PCB-1248	N.D.	0.099	ug/l
1624	PCB-1254	N.D.	0.099	ug/l
1626	PCB-1260	N.D.	0.099	ug/l

==========

1045	Arsenic (furnace method)	0.0073	0.0014	mg/l ✓
1049	Cadmium (furnace method)	0.0024	0.00015	mg/l ✓
1064	Selenium (furnace method)	0.0033 J	0.0012	mg/l ✓
1121	Reactivity	See Below		See Below

Reactivity:
The sample was extracted by the interim method described in SW 846, Chapter 7.3. This solution was analyzed for cyanide and sulfide. This waste is not considered reactive and hazardous because it does not generate a quantity of hydrogen cyanide exceeding 250 mg/kg or hydrogen sulfide exceeding 500 mg/kg. These interim threshold limits were established by the Solid Waste Branch of EPA, July, 1992. These results do not reflect total cyanide or total sulfide.
==========

1122	Sulfide (Reactivity)	N.D.	33.	mg/kg
1123	Cyanide (Reactivity)	N.D.	100.	mg/kg

1316 AppendixIX Herbicides - Waters
Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample extraction.
==========

0288	2,4-D	5.97	0.097	ug/l ✓
1314	Dinoseb	0.71	0.048	ug/l ✓
0289	2,4,5-TP	N.D.	0.0097	ug/l
1315	2,4,5-T	1.02	0.0097	ug/l ✓

==========

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: WW3581189 Account: 10160 DAIMLERCHRYSLER CORPORATION

1751	Chromium	0.0449		0.0017	mg/l
4678	TCL SW846 Semivolatiles/Waters				
3925	Phenol	18.		1.	ug/l
3936	bis(2-Chloroethyl)ether	N.D.		1.	ug/l
3924	2-Chlorophenol	N.D.		1.	ug/l
3937	1,3-Dichlorobenzene	N.D.		1.	ug/l
3938	1,4-Dichlorobenzene	N.D.		1.	ug/l
3939	1,2-Dichlorobenzene	N.D.		1.	ug/l
4680	2-Methylphenol	N.D.		1.	ug/l
4681	2,2'-oxybis(1-Chloropropane)	N.D.		1.	ug/l
4682	4-Methylphenol	86.		3.	ug/l

3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.

==========

3942	N-Nitroso-di-n-propylamine	N.D.		1.	ug/l
3941	Hexachloroethane	N.D.		1.	ug/l
3943	Nitrobenzene	N.D.		1.	ug/l
3944	Isophorone	N.D.		1.	ug/l
3926	2-Nitrophenol	N.D.		1.	ug/l
3927	2,4-Dimethylphenol	1.	J	1.	ug/l
3945	bis(2-Chloroethoxy)methane	N.D.		1.	ug/l
3928	2,4-Dichlorophenol	N.D.		1.	ug/l
3946	1,2,4-Trichlorobenzene	N.D.		1.	ug/l
3947	Naphthalene	N.D.		1.	ug/l
3871	4-Chloroaniline	N.D.		1.	ug/l
3948	Hexachlorobutadiene	N.D.		2.	ug/l
3929	4-Chloro-3-methylphenol	N.D.		1.	ug/l
3905	2-Methylnaphthalene	N.D.		1.	ug/l
3949	Hexachlorocyclopentadiene	N.D.		5.	ug/l
3930	2,4,6-Trichlorophenol	N.D.		2.	ug/l
3922	2,4,5-Trichlorophenol	N.D.		2.	ug/l
3950	2-Chloronaphthalene	N.D.		1.	ug/l
3907	2-Nitroaniline	N.D.		2.	ug/l
3952	Dimethylphthalate	N.D.		2.	ug/l
3951	Acenaphthylene	N.D.		1.	ug/l

==========

4679 TCL SW846 Semivolatiles/Waters

Sufficient sample volume was not available to perform a MS/MSD for this analysis. Therefore, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

==========

3908	3-Nitroaniline	N.D.	2.	ug/l
3954	Acenaphthene	N.D.	1.	ug/l
3931	2,4-Dinitrophenol	N.D.	19.	ug/l

3932	4-Nitrophenol	N.D.	10.	ug/l

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: WW3581189 Account: 10160 DAIMLERCHRYSLER CORPORATION

3879	Dibenzofuran	N.D.		1.	ug/l
3955	2,4-Dinitrotoluene	N.D.		1.	ug/l
3953	2,6-Dinitrotoluene	2.	J	2.	ug/l
3958	Diethylphthalate	N.D.		2.	ug/l
3957	4-Chlorophenyl-phenylether	N.D.		1.	ug/l
3956	Fluorene	N.D.		1.	ug/l
3909	4-Nitroaniline	N.D.		2.	ug/l
3933	4,6-Dinitro-2-methylphenol	N.D.		5.	ug/l
3960	N-Nitrosodiphenylamine	N.D.		1.	ug/l

N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.

==========

3961	4-Bromophenyl-phenylether	N.D.		2.	ug/l
3962	Hexachlorobenzene	N.D.		2.	ug/l
3934	Pentachlorophenol	N.D.		3.	ug/l
3963	Phenanthrene	N.D.		1.	ug/l
3964	Anthracene	N.D.		1.	ug/l
4684	Carbazole	N.D.		2.	ug/l
3965	Di-n-butylphthalate	3.	J	2.	ug/l
3966	Fluoranthene	N.D.		1.	ug/l
3967	Pyrene	3.	J	1.	ug/l
3969	Butylbenzylphthalate	220.		4.	ug/l
3972	3,3'-Dichlorobenzidine	N.D.		3.	ug/l
3970	Benzo(a)anthracene	N.D.		1.	ug/l
3973	Bis(2-Ethylhexyl)phthalate	39.		2.	ug/l
3971	Chrysene	N.D.		1.	ug/l
3974	Di-n-octylphthalate	N.D.		2.	ug/l
3975	Benzo(b)fluoranthene	N.D.		1.	ug/l
3976	Benzo(k)fluoranthene	N.D.		1.	ug/l
3977	Benzo(a)pyrene	N.D.		1.	ug/l
3978	Indeno(1,2,3-cd)pyrene	N.D.		1.	ug/l
3979	Dibenz(a,h)anthracene	N.D.		1.	ug/l
3980	Benzo(g,h,i)perylene	N.D.		1.	ug/l

==========

6291 TCL by 8260 (Water)

Sufficient sample volume was not available to perform a MSD for this analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

==========

5385	Chloromethane	N.D.		2.	ug/l
5387	Bromomethane	N.D.		2.	ug/l
5386	Vinyl Chloride	N.D.		1.	ug/l
5388	Chloroethane	N.D.		2.	ug/l
5391	Methylene Chloride	N.D.		2.	ug/l
6302	Acetone	54.		6.	ug/l

6303	Carbon Disulfide	N.D.	1.	ug/l

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: WW3581189 Account: 10160 DAIMLERCHRYSLER CORPORATION

5390	1,1-Dichloroethene	N.D.		1.	ug/l
5393	1,1-Dichloroethane	N.D.		1.	ug/l
5396	Chloroform	2.	J	1.	ug/l ✓
5402	1,2-Dichloroethane	N.D.		1.	ug/l
6305	2-Butanone	25.		3.	ug/l ✓
5398	1,1,1-Trichloroethane	N.D.		1.	ug/l
5399	Carbon Tetrachloride	N.D.		1.	ug/l
5406	Bromodichloromethane	N.D.		1.	ug/l
5421	1,1,2,2-Tetrachloroethane	N.D.		1.	ug/l
5404	1,2-Dichloropropane	N.D.		1.	ug/l
6306	trans-1,3-Dichloropropene	N.D.		1.	ug/l
5403	Trichloroethene	N.D.		1.	ug/l
5411	Dibromochloromethane	N.D.		1.	ug/l
5408	1,1,2-Trichloroethane	N.D.		1.	ug/l
5401	Benzene	N.D.		1.	ug/l
6307	cis-1,3-Dichloropropene	N.D.		1.	ug/l
5419	Bromoform	N.D.		1.	ug/l
6308	4-Methyl-2-pentanone	N.D.		3.	ug/l
6309	2-Hexanone	N.D.		3.	ug/l
5409	Tetrachloroethene	N.D.		1.	ug/l
5407	Toluene	1.	J	1.	ug/l ✓
5413	Chlorobenzene	N.D.		1.	ug/l
5415	Ethylbenzene	N.D.		1.	ug/l
5418	Styrene	2.	J	1.	ug/l ✓
6310	Xylene (Total)	N.D.		1.	ug/l
5392	trans-1,2-Dichloroethene	N.D.		1.	ug/l
5395	cis-1,2-Dichloroethene	N.D.		1.	ug/l

==========

7046	Barium TR	1.72	0.00042	mg/l ✓
7053	Copper TR	0.449	0.0024	mg/l ✓
7055	Lead TR	13.5	0.0088	mg/l ✓
7066	Silver TR	0.0231	0.0013	mg/l ✓
7072	Zinc TR	4.25	0.0032	mg/l ✓

Sample Number: WW3581190 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 03/31/01 Date Reported: NOT REP
Date Collected:

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP2001212
Dayton Thermal, Sewer Cleanout, Bldg 50

	ANALYSIS NAME	RESULT	METHOD DETECTION LIMIT	UNITS
6291	TCL by 8260 (water)			

ufficient sample volume was not available to perform a MSD for this

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: WW3581190 Account: 10160 DAIMLERCHRYSLER CORPORATION

analysis. However, a MS was performed. In addition, a LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

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5385	Chloromethane	N.D.	2.	ug/l
5387	Bromomethane	N.D.	2.	ug/l
5386	Vinyl Chloride	N.D.	1.	ug/l
5388	Chloroethane	N.D.	2.	ug/l
5391	Methylene Chloride	N.D.	2.	ug/l
6302	Acetone	N.D.	6.	ug/l
6303	Carbon Disulfide	N.D.	1.	ug/l
5390	1,1-Dichloroethene	N.D.	1.	ug/l
5393	1,1-Dichloroethane	N.D.	1.	ug/l
5396	Chloroform	N.D.	1.	ug/l
5402	1,2-Dichloroethane	N.D.	1.	ug/l
6305	2-Butanone	N.D.	3.	ug/l
5398	1,1,1-Trichloroethane	N.D.	1.	ug/l
5399	Carbon Tetrachloride	N.D.	1.	ug/l
5406	Bromodichloromethane	N.D.	1.	ug/l
5421	1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l
5404	1,2-Dichloropropane	N.D.	1.	ug/l
6306	trans-1,3-Dichloropropene	N.D.	1.	ug/l
5403	Trichloroethene	N.D.	1.	ug/l
5411	Dibromochloromethane	N.D.	1.	ug/l
5408	1,1,2-Trichloroethane	N.D.	1.	ug/l
5401	Benzene	N.D.	1.	ug/l
6307	cis-1,3-Dichloropropene	N.D.	1.	ug/l
5419	Bromoform	N.D.	1.	ug/l
6308	4-Methyl-2-pentanone	N.D.	3.	ug/l
6309	2-Hexanone	N.D.	3.	ug/l
5409	Tetrachloroethene	N.D.	1.	ug/l
5407	Toluene	N.D.	1.	ug/l
5413	Chlorobenzene	N.D.	1.	ug/l
5415	Ethylbenzene	N.D.	1.	ug/l
5418	Styrene	N.D.	1.	ug/l
6310	Xylene (Total)	N.D.	1.	ug/l
5392	trans-1,2-Dichloroethene	N.D.	1.	ug/l
5395	cis-1,2-Dichloroethene	N.D.	1.	ug/l

==========

[redacted]

#81

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