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

Sample Number: WW3278406 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL49011 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 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. | 39. | mg/kg |
| 1751 | Chromium | 0.060 | 0.0098 | mg/l |
| 7035 | Arsenic TR | N.D. | 0.0050 | mg/l |
| 7036 | Selenium TR | 0.0050 J | 0.0044 | mg/l |
| 7046 | Barium TR | 0.165 | 0.00049 | mg/l |
| 7049 | Cadmium TR | 0.0391 | 0.00081 | mg/l |
| 7053 | Copper TR | 0.0413 | 0.0029 | mg/l |
| 7055 | Lead TR | 0.428 | 0.0079 | mg/l |
| 7066 | Silver TR | 0.0032 J | 0.0017 | mg/l |
| 7072 | Zinc TR | 45.2 | 0.015 | mg/l |

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

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL0004 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 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. | 39. | 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.

==========

| | | | | |
|---|---|---|---|---|
| 0288 | 2,4-D | N.D. | 9.5 | ug/l |
| 1314 | Dinoseb | 9.0 J | 4.8 | ug/l |
| 0289 | 2,4,5-TP | N.D. | 1.0 | ug/l |
| 1315 | 2,4,5-T | N.D. | 1.0 | ug/l |

==========

| | | | | |
|---|---|---|---|---|
| 1751 | Chromium | 0.131 | 0.0098 | mg/l |
| 7035 | Arsenic TR | N.D. | 0.0050 | mg/l |
| 7036 | Selenium TR | 0.0049 J | 0.0044 | mg/l |
| 7046 | Barium TR | 0.225 | 0.00049 | mg/l |
| 7049 | Cadmium TR | 0.0070 | 0.00081 | mg/l |
| 7053 | Copper TR | 0.181 | 0.0029 | mg/l |
| 7055 | Lead TR | 0.140 | 0.0079 | mg/l |
| 7066 | Silver TR | 0.0029 J | 0.0017 | mg/l |
| 7072 | Zinc TR | 5.42 | 0.0030 | mg/l |

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

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION

Sample Number: WW3278408 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected:

WLT112299 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

Sample Number: WW3278409 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/23/99

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

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# FAX Cover Page

**Pages:** 6

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone:** 717-656-2300
**FAX:** 717-656-2681

**Deliver to:** Mr. Ken Vogel/Mr. Dave Strand

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

Dayton 99-271
Pesticides WL49011
" "
Preliminary PCB's
Herbicides

Fax Code: DAI692779 3278406-3278407 10160 885 417 Mr. Ken Vogel/Mr. Dave msg:

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

Sample Number: WW3278406 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL49011 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0937 | TCL Pesticides in Waters | | | |

The DDT breakdown and the % difference values for DDT and dieldrin were outside the 15% criteria for the ending calibration standard. This data is reported as preliminary and the samples are being reinjected within a compliant calibration bracket.

==========

| | | | | |
|---|---|---|---|---|
| 1600 | Alpha BHC | 0.0085 J | 0.0019 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0019 | ug/l |
| 1603 | Delta BHC | N.D. | 0.0055 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0019 | ug/l |
| 1604 | Heptachlor | 0.0103 | 0.0019 | ug/l |
| 1605 | Aldrin | N.D. | 0.0019 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0019 | ug/l |
| 1616 | Endosulfan I | 0.103 | 0.0019 | ug/l |
| 1610 | Dieldrin | N.D. | 0.0038 | ug/l |
| 1607 | DDE | N.D. | 0.0038 | ug/l |
| 1611 | Endrin | N.D. | 0.0038 | ug/l |
| 1615 | Endosulfan II | 0.0128 J | 0.0038 | ug/l |
| 1608 | DDD | N.D. | 0.0038 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.0038 | ug/l |
| 1609 | DDT | N.D. | 0.0038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.0038 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |
| 1361 | Alpha Chlordane | 0.0020 J | 0.0019 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.0019 | ug/l |
| 1613 | Toxaphene | N.D. | 0.29 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.0038 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.095 | ug/l |
| 1620 | PCB-1221 | N.D. | 0.095 | ug/l |
| 1621 | PCB-1232 | N.D. | 0.095 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.095 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.095 | ug/l |
| 1624 | PCB-1254 | N.D. | 0.095 | ug/l |

See new data faxed 12/3/99

| | | | | |
|---|---|---|---|---|
| 1626 | PCB-1260 | N.D. | 0.095 | ug/l |



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

Sample Number: WW3278406 Account: 10160 DAIMLERCHRYSLER CORPORATION

==========

1316 AppendixIX Herbicides - Waters
The surrogate recovery is outside the QC limits; therefore the sample was reextracted. The reextraction was performed outside the method hold time. The original data is being reported and a comparison of the results from the original and the reextract will be reviewed.
==========

| | | | | |
|---|---|---|---|---|
| 0288 | 2,4-D | N.D. | 0.096 | ug/l |
| 1314 | Dinoseb | 0.145 J | 0.048 | ug/l |
| 0289 | 2,4,5-TP | 0.0126 J | 0.0096 | ug/l |
| 1315 | 2,4,5-T | 0.0447 J | 0.0096 | ug/l |

==========

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL0004 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0937 | TCL Pesticides in Waters | | | |

The DDT breakdown and the % difference values for DDT and dieldrin were outside the 15% criteria for the ending calibration standard. This data is reported as preliminary and the samples are being reinjected within a compliant calibration bracket.

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The Limits of Quantitation (LOQ's) were raised accordingly.
==========

| | | | | |
|---|---|---|---|---|
| 1600 | Alpha BHC | N.D. | 0.040 | ug/l |
| 1601 | Beta BHC | N.D. | 0.038 | ug/l |
| 1603 | Delta BHC | N.D. | 0.11 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.038 | ug/l |
| 1604 | Heptachlor | N.D. | 0.038 | ug/l |
| 1605 | Aldrin | N.D. | 0.038 | ug/l |
| 1606 | Heptachlor Epoxide | 0.126 J | 0.038 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.038 | ug/l |
| 1610 | Dieldrin | N.D. | 0.076 | ug/l |
| 1607 | DDE | N.D. | 0.076 | ug/l |

| | | | | |
|---|---|---|---|---|
| 1611 * | Endrin | 5.66 | 0.076 | ug/l |



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Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 1615 | Endosulfan II | N.D. | 0.076 | ug/l |
| 1608 | DDD | N.D. | 0.076 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.076 | ug/l |
| 1609 | DDT | N.D. | 0.076 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.076 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.38 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.038 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.038 | ug/l |
| 1613 | Toxaphene | N.D. | 5.7 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.076 | ug/l |
| 1619 | PCB-1016 | N.D. | 1.9 | ug/l |
| 1620 | PCB-1221 | N.D. | 1.9 | ug/l |
| 1621 | PCB-1232 | N.D. | 1.9 | ug/l |
| 1622 | PCB-1242 | N.D. | 1.9 | ug/l |
| 1623 | PCB-1248 | N.D. | 1.9 | ug/l |
| 1624 | PCB-1254 | N.D. | 1.9 | ug/l |
| 1626 | PCB-1260 | N.D. | 1.9 | ug/l |

==========

| | | | | |
|---|---|---|---|---|
| 4678 | TCL SW846 Semivolatiles/Waters | | | |
| 3925 | Phenol | N.D. | 0.9 | ug/l |
| 3936 | bis(2-Chloroethyl)ether | N.D. | 0.9 | ug/l |
| 3924 | 2-Chlorophenol | N.D. | 0.9 | ug/l |
| 3937 | 1,3-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3938 | 1,4-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3939 | 1,2-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 4680 | 2-Methylphenol | N.D. | 0.9 | ug/l |
| 4681 | 2,2'-oxybis(1-Chloropropane) | N.D. | 0.9 | ug/l |
| 4682 | 4-Methylphenol | N.D. | 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. | | 0.9 | ug/l |
| 3941 | Hexachloroethane | N.D. | | 0.9 | ug/l |
| 3943 | Nitrobenzene | N.D. | | 0.9 | ug/l |
| 3944 | Isophorone | N.D. | | 0.9 | ug/l |
| 3926 | 2-Nitrophenol | N.D. | | 0.9 | ug/l |
| 3927 | 2,4-Dimethylphenol | 2. | J | 0.9 | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | | 0.9 | ug/l |
| 3928 | 2,4-Dichlorophenol | N.D. | | 0.9 | ug/l |
| 3946 | 1,2,4-Trichlorobenzene | N.D. | | 0.9 | ug/l |
| 3947 | Naphthalene | N.D. | | 0.9 | ug/l |
| 3871 | 4-Chloroaniline | N.D. | | 0.9 | ug/l |
| 3948 | Hexachlorobutadiene | N.D. | | 2. | ug/l |
| 3929 | 4-Chloro-3-methylphenol | N.D. | | 0.9 | ug/l |
| 3905 | 2-Methylnaphthalene | 1. | J | 0.9 | ug/l |
| 3949 | Hexachlorocyclopentadiene | N.D. | | 5. | ug/l |

| | | | | |
|---|---|---|---|---|
| 3930 | 2,4,6-Trichlorophenol | N.D. | 2. | ug/l |



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| | | | | | |
|---|---|---|---|---|---|
| 3922 | 2,4,5-Trichlorophenol | N.D. | | 2. | ug/l |
| 3950 | 2-Chloronaphthalene | N.D. | | 0.9 | ug/l |
| 3907 | 2-Nitroaniline | N.D. | | 2. | ug/l |
| 3952 | Dimethylphthalate | N.D. | | 2. | ug/l |
| 3951 | Acenaphthylene | N.D. | | 0.9 | ug/l |

==========

| | | | | | |
|---|---|---|---|---|---|
| 4679 | TCL SW846 Semivolatiles/Waters | | | | |
| 3908 | 3-Nitroaniline | N.D. | | 2. | ug/l |
| 3954 | Acenaphthene | 3. | J | 0.9 | ug/l |
| 3931 | 2,4-Dinitrophenol | N.D. | | 19. | ug/l |
| 3932 | 4-Nitrophenol | N.D. | | 9. | ug/l |
| 3879 | Dibenzofuran | 2. | J | 0.9 | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 0.9 | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 15. | | 2. | ug/l |
| 3957 | 4-Chlorophenyl-phenylether | N.D. | | 0.9 | ug/l |
| 3956 | Fluorene | 4. | J | 0.9 | 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. | | 0.9 | 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 | 25. | | 0.9 | ug/l |
| 3964 | Anthracene | 3. | J | 0.9 | ug/l |
| 4684 | Carbazole | 4. | J | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |
| 3966 | Fluoranthene | 20. | | 0.9 | ug/l |
| 3967 | Pyrene | 15. | | 0.9 | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | | 2. | ug/l |
| 3970 | Benzo(a)anthracene | 5. | J | 0.9 | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 46. | | 2. | ug/l |
| 3971 | Chrysene | 8. | J | 0.9 | ug/l |
| 3974 | Di-n-octylphthalate | N.D. | | 2. | ug/l |
| 3975 | Benzo(b)fluoranthene | 5. | J | 0.9 | ug/l |
| 3976 | Benzo(k)fluoranthene | 4. | J | 0.9 | ug/l |
| 3977 | Benzo(a)pyrene | 4. | J | 0.9 | ug/l |
| 3978 | Indeno(1,2,3-cd)pyrene | 3. | J | 0.9 | ug/l |
| 3979 | Dibenz(a,h)anthracene | 1. | J | 0.9 | ug/l |
| 3980 | Benzo(g,h,i)perylene | 4. | J | 0.9 | ug/l |

==========

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2425 New Holland Pike, Lancaster, PA 17601

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION

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**Pages:** 3

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone: 717-656-2300**
**FAX: 717-656-2681**

**Deliver to:** Mr. Ken Vogel/ Mr. Dave Strand

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

99-271
Rect
WL49011
WL0004

Fax Code: DAI692779 3278406-3278409 10160 885 417 Mr. Ken Vogel/ Mr. Davemsg:

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

Sample Number: WW3278406 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL49011 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL0004 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |

Sample Number: WW3278408 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected:

WLT112299 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

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

Sample Number: WW3278409 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/23/99

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

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**Pages:** 5

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone:** 717-656-2300
**FAX:** 717-656-2681

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

99-271

WL49011
Pest.
PCB
Herb

WL0004
Pest
PCB

Fax Code: DAI692779 3278406-3278409 10160 885 320 Mr. Ken Vogel

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

Sample Number: WW3278406 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL49011 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0937 | TCL Pesticides in Waters | | | |

The DDT breakdown and the % difference values for DDT and dieldrin were outside the 15% criteria for the ending calibration standard. This data is reported as preliminary and the samples are being reinjected within a compliant calibration bracket.

The samples were reinjected and the reinject data is reported.

Due to interfering peaks on the chromatogram, the values reported represent the lowest quantitation limits obtainable.
==========

| | | | | |
|---|---|---|---|---|
| 1600 | Alpha BHC | N.D. | 0.0095 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0019 | ug/l |
| 1603 | Delta BHC | N.D. | 0.020 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0019 | ug/l |
| 1604 | Heptachlor | N.D. | 0.0095 | ug/l |
| 1605 | Aldrin | N.D. | 0.0019 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0095 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.20 | ug/l |
| 1610 | Dieldrin | N.D. | 0.0038 | ug/l |
| 1607 | DDE | N.D. | 0.0038 | ug/l |
| 1611 | Endrin | N.D. | 0.030 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.0038 | ug/l |
| 1608 | DDD | N.D. | 0.0038 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.0038 | ug/l |
| 1609 | DDT | N.D. | 0.10 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.0038 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.0019 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.0019 | ug/l |
| 1613 | Toxaphene | N.D. | 0.29 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.019 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.095 | ug/l |

| | | | | |
|---|---|---|---|---|
| 1620 | PCB-1221 | N.D. | 0.095 | ug/l |



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

Sample Number: WW3278406 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 1621 | PCB-1232 | N.D. | 0.095 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.095 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.095 | ug/l |
| 1624 | PCB-1254 | 0.92 | 0.095 | ug/l |
| 1626 | PCB-1260 | N.D. | 0.095 | ug/l |

==========

1316 AppendixIX Herbicides - Waters
The surrogate recovery is outside the QC limits; therefore the sample was reextracted. The reextraction was performed outside the method hold time. Surrogate results from the reextract are also outside the QC limits, indicating possible matrix interference. Similar results were observed for the original and the reextract.

==========

| | | | | |
|---|---|---|---|---|
| 0288 | 2,4-D | N.D. | 0.096 | ug/l |
| 1314 | Dinoseb | 0.145 J | 0.048 | ug/l |
| 0289 | 2,4,5-TP | 0.0126 J | 0.0096 | ug/l |
| 1315 | 2,4,5-T | 0.0447 J | 0.0096 | ug/l |

==========

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/22/99

WL0004 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|

0937 TCL Pesticides in Waters
The DDT breakdown and the % difference values for DDT and dieldrin were outside the 15% criteria for the ending calibration standard. This data is reported as preliminary and the samples are being reinjected within a compliant calibration bracket.

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The Limits of Quantitation (LOQ's) were raised accordingly.

The sample was reinjected and the reinject data is reported.

Due to interfering peaks on the chromatogram, the values reported represent the lowest quantitation limits obtainable.

he surrogate data is outside the QC limits due to unresolvable matrix



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

Sample Number: WW3278407 Account: 10160 DAIMLERCHRYSLER CORPORATION

problems evident in the sample chromatogram.

==========

TCLP Max

| | | | | | |
|---|---|---|---|---|---|
| 1600 | Alpha BHC | | N.D. | 0.038 | ug/l |
| 1601 | Beta BHC | | N.D. | 0.038 | ug/l |
| 1603 | Delta BHC | | N.D. | 0.19 | ug/l |
| 1602 | Gamma BHC - Lindane | | N.D. | 0.19 | ug/l |
| 1604 | Heptachlor | | N.D. | 0.038 | ug/l |
| 1605 | Aldrin | | N.D. | 0.038 | ug/l |
| 1606 | Heptachlor Epoxide | | N.D. | 0.19 | ug/l |
| 1616 | Endosulfan I | | N.D. | 0.19 | ug/l |
| 1610 | Dieldrin | | N.D. | 0.076 | ug/l |
| 1607 | DDE | | N.D. | 0.076 | ug/l |
| 1611 | Endrin | 20 | 5.24 | 0.076 | ug/l |
| 1615 | Endosulfan II | | N.D. | 0.38 | ug/l |
| 1608 | DDD | | N.D. | 0.076 | ug/l |
| 1617 | Endosulfan Sulfate | | N.D. | 0.076 | ug/l |
| 1609 | DDT | | N.D. | 4.0 | ug/l |
| 0938 | Endrin Ketone | | N.D. | 0.076 | ug/l |
| 1860 | Methoxychlor | | N.D. | 0.38 | ug/l |
| 1361 | Alpha Chlordane | | N.D. | 0.038 | ug/l |
| 1362 | Gamma Chlordane | | N.D. | 0.038 | ug/l |
| 1613 | Toxaphene | | N.D. | 5.7 | ug/l |
| 1618 | Endrin Aldehyde | | N.D. | 0.38 | ug/l |
| 1619 | PCB-1016 | | N.D. | 1.9 | ug/l |
| 1620 | PCB-1221 | | N.D. | 1.9 | ug/l |
| 1621 | PCB-1232 | | N.D. | 1.9 | ug/l |
| 1622 | PCB-1242 | | N.D. | 1.9 | ug/l |
| 1623 | PCB-1248 | | N.D. | 1.9 | ug/l |
| 1624 | PCB-1254 | | 32.9 | 1.9 | ug/l |
| 1626 | PCB-1260 | | N.D. | 1.9 | ug/l |

==========

Sample Number: WW3278408 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected:

WLT112299 Trip Blank Water Sample
Site Code: SC001 RFA# YGOP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

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

Sample Number: WW3278409 Account: 10160 DAIMLERCHRYSLER CORPORATION

Sample Number: WW3278409 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 11/23/99 Date Reported: NOT REP
Date Collected: 11/23/99

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YG0P9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

1133181

0652

# DAIMLERCHRYSLER — Chain-of-Custody

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601
Phone Number: (717) 656-2300
Fax Number: (717) 656-2681

Project Name: Dayton Thermal Sewer cleanout
Site Location: Dayton, OH Building?
Site Code: SC001
RFA Number: YGRP990027H
DaimlerChrysler PM: Gary Stanczuk

Consultant: Leggette, Brashears + Graham
Address: 1210 W. County Rd. E, Ste 200
St. Paul, MN 55112
Consultant PM: Ken Vogel
Phone: 348-576-7365 Fax: 258-576-7369

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) Lab DI Water

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 | TCL VOCs BY 6-1/MS BY 8260 | TCL SVOCs BY 8270C | MT metals BY 6/7000 Series | TCL PCBs BY 8080 | TCL pesticides BY 8081A | Herbicides BY 8151A | Corrosivity BY Chapt 7 9040B | Reactivity BY Chapt 7 | Ignitability BY Chapt 7 ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL49011 | 11/22/99 | 10:44 | G | GW | 11 | X | X | X | X | X | X | X | X | X | sample #1 from Frack Tank 4901 |
| WL0004 | 11/22/99 | 11:48 | G | GW | 11 | X | X | X | X | X | X | X | X | X | Manhole by ? |
| WLT99319 | 11/15/99 | - | - | O | 2 | X | | | | | | | | | |
| WLT112299 | | | | | | | | | | | | | | | |
| | 4901 = Frack Tank # | | | | | | | | | | | | | | |
| WL0004 | | | | | | | | | | | | | | | |

Sampler(s): Daniel Driscoll

Cooler ID #: 69550

Samples Relinquished under Airbill No. 813874857658

Temperature (corrected) ___ C

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| [signature] | 11/15/99 | 1600 | [signature] | 11/16/99 | 15:00 | Yes No |

Is RFA sampling complete? Yes No

| Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| | | | | | | 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

SDG 271-A

put C-O-C # on Fed X label

Revision No. 3
Created: July 9, 1999

Page 1 of 1

FROM : Residence Inn Dayton North PHONE NO. : 937+898+7764 Nov. 22 1999 12:55PM P1

1133181

# DAIMLERCHRYSLER — Chain-of-Custody

0652 B

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601
Phone Number: (717) 656-2300
Fax Number: (717) 656-2681

Project Name: Dayton Internal Sewer Survey
Site Location: DAYTON, OH
Site Code: SC001
RFA Number: YGQP990027 1
DaimlerChrysler PM: Gary STANCZUK

Consultant: LaBoeuf Bowers + Graham
Address: 1210 W. County Rd. E, Ste 700
St. Paul, MN 55112
Consultant PM: Ken Vogel 651-490-1006
Phone: ~~248-576-7365~~ Fax: ~~248-526-1269~~

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

Compound List Parameter/Method/Bottle Type/Preservative

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

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 | TCL VOCs by 8260 | TCL SVOCs by 8270C | TCL Pesticides by 8081 | TCL PCBs by 8082 | TCL Herbicides by 8151A | Corrosivity by 9040B | Reactivity by Chapter 7 | Ignitability by Chapter 7 ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL49011 | 11/22/99 | 10:44 | G | GW | 11 | X | X | X | X | X | X | X | X | |
| WL00004 | 11/22/99 | 11:48 | G | GW | 11 | X | X | X | X | X | X | X | X | |
| ~~WLT44514~~ | 11/15/99 | | | O | 2 | X | | | | | | | | |
| WLT112299 | | | | | | | | | | | | | | |

Sampler(s): Ken Vogel, SC011

Cooler ID #: 69550

Samples Relinquished under Airbill No. 813874857658

Temperature (corrected) ___ C

| Relinquished by | Date | Time | Received by | Date | Time | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| [illegible] | 11/22/99 | 1600 | | 11/22/99 | | Yes No |
| | | | | | | |

| Relinquished by | Date | Time | Received for Laboratory by | Date | Time | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| Ken Vogel | 11/22/99 | 13:20 | | | | Yes No |

Is RFA sampling complete? Yes (No)

SPG 271-A

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

Page 1 of 1

FROM : Residence Inn Dayton North PHONE NO. : 937+898+7764 Nov. 30 1999 08:18AM P3

Dayton RHT 2/11/1 Samples WL49011 and WL0004

ERD C3278406

| ID | DATESAMP | ANLYZD | RECVD | # DAYS TO ANALYZE | PARAMETER | RESULT | QUA | UNITS | METHOD |
|---|---|---|---|---|---|---|---|---|---|
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | pH | 7.4 | | | EPA 150.1 |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Mercury | 0.0001 | U | MG/L | SW-846 7470A |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Flash Point for Liquic | No Flash Obs | | DEGRE | ASTM D 93-90 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Endrin Ketone | 0.0038 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Alpha Chlordane | 0.0019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Gamma Chlordane | 0.0019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Alpha BHC | 0.0095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Beta BHC | 0.0019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Gamma BHC - Linda | 0.0019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Delta BHC | 0.02 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Heptachlor | 0.0095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Aldrin | 0.0019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Heptachlor Epoxide | 0.0095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | DDE | 0.0038 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | DDD | 0.0038 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | DDT | 0.1 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Dieldrin | 0.0038 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Endrin | 0.03 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Toxaphene | 0.29 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Endosulfan II | 0.0038 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Endosulfan I | 0.2 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Endosulfan Sulfate | 0.0038 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Endrin Aldehyde | 0.019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1016 | 0.095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1221 | 0.095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1232 | 0.095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1242 | 0.095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1248 | 0.095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1254 | 0.92 | | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | PCB-1260 | 0.095 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 12/02/1999 | 11/23/1999 | 9 | Methoxychlor | 0.019 | U | UG/L | SW-846 8081A/8082 |
| WL49011 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Sulfide (Reactivity) | 39 | U | MG/KG | SW-846 9034 |
| WL49011 | 11/22/1999 | 12/01/1999 | 11/23/1999 | 8 | Cyanide (Reactivity) | 100 | U | MG/KG | SW-846 9012 |
| WL49011 | 11/22/1999 | 11/27/1999 | 11/23/1999 | 4 | 2,4-D | 0.096 | U | UG/L | SW-846 8151A |
| WL49011 | 11/22/1999 | 11/27/1999 | 11/23/1999 | 4 | 2,4,5-TP | 0.0126 | J | UG/L | SW-846 8151A |
| WL49011 | 11/22/1999 | 11/27/1999 | 11/23/1999 | 4 | Dinoseb | 0.145 | J | UG/L | SW-846 8151A |
| WL49011 | 11/22/1999 | 11/27/1999 | 11/23/1999 | 4 | 2,4,5-T | 0.0447 | J | UG/L | SW-846 8151A |
| WL49011 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Chromium | 0.06 | | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Chloroaniline | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2-Methylnaphthalene | 2 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,4,5-Trichloropheno | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2-Chlorophenol | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Phenol | 2 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2-Nitrophenol | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,4-Dimethylphenol | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,4-Dichlorophenol | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Chloro-3-methylph | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,4,6-Trichloropheno | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | bis(2-Chloroethyl)eth | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 1,3-Dichlorobenzene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 1,4-Dichlorobenzene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 1,2-Dichlorobenzene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Hexachloroethane | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | N-Nitroso-di-n-propyl | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Nitrobenzene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Isophorone | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | bis(2-Chloroethoxy)m | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 1,2,4-Trichlorobenzei | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Naphthalene | 1 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Hexachlorobutadiene | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Hexachlorocyclopent | 5 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2-Chloronaphthalene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Acenaphthylene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Dimethylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2-Methylphenol | 1 | U | UG/L | SW-846 8270C |

Pest/PCBs

React

Herb

SVOC

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,2'-oxybis(1-Chlorop | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Methylphenol | 3 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Dibenzofuran | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 3-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,4-Dinitrophenol | 19 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Nitrophenol | 10 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4,6-Dinitro-2-methylp | 5 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Pentachlorophenol | 3 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,6-Dinitrotoluene | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Acenaphthene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 2,4-Dinitrotoluene | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Fluorene | 1 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Chlorophenyl-phen | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Diethylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | N-Nitrosodiphenylam | 1 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 4-Bromophenyl-phen | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Hexachlorobenzene | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Phenanthrene | 7 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Anthracene | 2 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Di-n-butylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Fluoranthene | 11 | | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Pyrene | 10 | | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Butylbenzylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Benzo(a)anthracene | 6 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Chrysene | 7 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | 3,3'-Dichlorobenzidin | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | bis(2-Ethylhexyl)phth | 2 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Di-n-octylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Benzo(b)fluoranthene | 9 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Benzo(k)fluoranthene | 4 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Benzo(a)pyrene | 6 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Indeno(1,2,3-cd)pyre | 5 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Dibenz(a,h)anthracer | 1 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Benzo(g,h,i)perylene | 4 | J | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Carbazole | 3 | U | UG/L | SW-846 8270C |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chloromethane | 3 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Vinyl Chloride | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Bromomethane | 3 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chloroethane | 3 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1-Dichloroethene | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Methylene Chloride | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | trans-1,2-Dichloroeth | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1-Dichloroethane | 14 | | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | cis-1,2-Dichloroether | 5 | | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chloroform | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1,1-Trichloroethane | 3 | J | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Carbon Tetrachloride | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Benzene | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,2-Dichloroethane | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Trichloroethene | 6 | | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,2-Dichloropropane | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Bromodichlorometha | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Toluene | 6 | | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1,2-Trichloroethane | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Tetrachloroethene | 25 | | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Dibromochlorometha | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chlorobenzene | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Ethylbenzene | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Styrene | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Bromoform | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1,2,2-Tetrachloroet | 2 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Acetone | 10 | J | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Carbon Disulfide | 3 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 2-Butanone | 5 | J | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | trans-1,3-Dichloropro | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | cis-1,3-Dichloroprope | 1 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 4-Methyl-2-pentanon | 5 | U | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 2-Hexanone | 7 | U | UG/L | SW-846 8260B |

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|---|---|---|---|---|---|---|---|---|
| WL49011 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Xylene (Total) | 11 | UG/L | SW-846 8260B |
| WL49011 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Arsenic TR | 0.005 U | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Selenium TR | 0.005 J | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Barium TR | 0.165 | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Cadmium TR | 0.0391 | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Copper TR | 0.0413 | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Lead TR | 0.428 | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Silver TR | 0.0032 J | MG/L | SW-846 6010B |
| WL49011 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Zinc TR | 45.2 | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | pH | 7.71 | | EPA 150.1 |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Mercury | 0.0004 | MG/L | SW-846 7470A |
| WL0004 | 11/22/1999 | 11/24/1999 | 11/23/1999 | 1 | Flash Point for Liquic | No Flash Obs | DEGRE | ASTM D 93-90 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Endrin Ketone | 0.076 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Alpha Chlordane | 0.038 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Gamma Chlordane | 0.038 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Alpha BHC | 0.038 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Beta BHC | 0.038 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Gamma BHC - Linda | 0.19 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Delta BHC | 0.19 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Heptachlor | 0.038 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Aldrin | 0.038 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Heptachlor Epoxide | 0.19 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | DDE | 0.076 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | DDD | 0.076 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | DDT | 4 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Dieldrin | 0.076 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Endrin | 5.24 | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Toxaphene | 5.7 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Endosulfan II | 0.38 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Endosulfan I | 0.19 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Endosulfan Sulfate | 0.076 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Endrin Aldehyde | 0.38 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1016 | 1.9 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1221 | 1.9 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1232 | 1.9 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1242 | 1.9 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1248 | 1.9 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1254 | 32.9 | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | PCB-1260 | 1.9 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 12/03/1999 | 11/23/1999 | 10 | Methoxychlor | 0.38 U | UG/L | SW-846 8081A/8082 |
| WL0004 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Sulfide (Reactivity) | 39 U | MG/KG | SW-846 9034 |
| WL0004 | 11/22/1999 | 12/01/1999 | 11/23/1999 | 8 | Cyanide (Reactivity) | 100 U | MG/KG | SW-846 9012 |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4-D | 9.5 U | UG/L | SW-846 8151A |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4,5-TP | 1 U | UG/L | SW-846 8151A |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Dinoseb | 9 J | UG/L | SW-846 8151A |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4,5-T | 1 U | UG/L | SW-846 8151A |
| WL0004 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Chromium | 0.131 | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Chloroaniline | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2-Methylnaphthalene | 1 J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2-Nitroaniline | 2 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4,5-Trichloropheno | 2 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2-Chlorophenol | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Phenol | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2-Nitrophenol | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4-Dimethylphenol | 2 J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4-Dichlorophenol | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Chloro-3-methylph | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4,6-Trichloropheno | 2 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | bis(2-Chloroethyl)eth | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 1,3-Dichlorobenzene | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 1,4-Dichlorobenzene | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 1,2-Dichlorobenzene | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Hexachloroethane | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | N-Nitroso-di-n-propyl | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Nitrobenzene | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Isophorone | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | bis(2-Chloroethoxy)m | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 1,2,4-Trichlorobenzei | 0.9 U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Naphthalene | 0.9 U | UG/L | SW-846 8270C |

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|---|---|---|---|---|---|---|---|---|---|
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Hexachlorobutadiene | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Hexachlorocyclopent | 5 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2-Chloronaphthalene | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Acenaphthylene | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Dimethylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2-Methylphenol | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,2'-oxybis(1-Chlorop | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Methylphenol | 3 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Dibenzofuran | 2 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 3-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4-Dinitrophenol | 19 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Nitrophenol | 9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4,6-Dinitro-2-methylp | 5 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Pentachlorophenol | 3 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,6-Dinitrotoluene | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Acenaphthene | 3 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 2,4-Dinitrotoluene | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Fluorene | 4 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Chlorophenyl-phen | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Diethylphthalate | 15 | | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | N-Nitrosodiphenylam | 0.9 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 4-Bromophenyl-phen | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Hexachlorobenzene | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Phenanthrene | 25 | | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Anthracene | 3 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Di-n-butylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Fluoranthene | 20 | | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Pyrene | 15 | | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Butylbenzylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Benzo(a)anthracene | 5 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Chrysene | 8 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | 3,3'-Dichlorobenzidin | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | bis(2-Ethylhexyl)phth | 46 | | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Di-n-octylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Benzo(b)fluoranthene | 5 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Benzo(k)fluoranthene | 4 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Benzo(a)pyrene | 4 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Indeno(1,2,3-cd)pyre | 3 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Dibenz(a,h)anthracer | 1 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Benzo(g,h,i)perylene | 4 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Carbazole | 4 | J | UG/L | SW-846 8270C |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chloromethane | 3 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Vinyl Chloride | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Bromomethane | 3 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chloroethane | 3 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1-Dichloroethene | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Methylene Chloride | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | trans-1,2-Dichloroeth | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1-Dichloroethane | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | cis-1,2-Dichloroether | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chloroform | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1,1-Trichloroethane | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Carbon Tetrachloride | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Benzene | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,2-Dichloroethane | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Trichloroethene | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,2-Dichloropropane | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Bromodichlorometha | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Toluene | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1,2-Trichloroethane | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Tetrachloroethene | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Dibromochlorometha | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Chlorobenzene | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Ethylbenzene | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Styrene | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Bromoform | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 1,1,2,2-Tetrachloroet | 2 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Acetone | 7 | J | UG/L | SW-846 8260B |

SVOC

VOC

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Carbon Disulfide | 3 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 2-Butanone | 3 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | trans-1,3-Dichloropro | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | cis-1,3-Dichloroprope | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 4-Methyl-2-pentanon | 5 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | 2-Hexanone | 7 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/26/1999 | 11/23/1999 | 3 | Xylene (Total) | 1 | U | UG/L | SW-846 8260B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Arsenic TR | 0.005 | U | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Selenium TR | 0.0049 | J | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Barium TR | 0.225 | | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Cadmium TR | 0.007 | | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Copper TR | 0.181 | | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/30/1999 | 11/23/1999 | 7 | Lead TR | 0.14 | | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Silver TR | 0.0029 | J | MG/L | SW-846 6010B |
| WL0004 | 11/22/1999 | 11/29/1999 | 11/23/1999 | 6 | Zinc TR | 5.42 | | MG/L | SW-846 6010B |

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Electronic Data Deliverables

JAN 04 2000

EPA Region 5 Records Ctr.
350115

## 10160 - DaimlerChrysler Corporation

SDG: DCC70 Dayton Thermal/Dayton, OH

### Sample Reference List for EDD File C3282073.TXT

| Laboratory Sample No. | Sample Description | | Collected |
|---|---|---|---|
| 3282073 | WL0006 Grab Water Sample | Site Code: SC001 RFA# YGQP9900271 C | 11/30/99 12:10 |
| 3282074 | WLT113099 Trip Blank Grab Water Sample | Site Code: SC001 RFA# YGQP9900271 | 11/30/99 00:00 |
| 3282075 | Storage Blank Grab Water Sample | Site Code: SC001 RFA# YGQP9900271 | 12/01/99 13:00 |

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JAN 04 2000



**LLI Sample No. WW 3282073**
Collected: 11/30/99 at 12:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/10/99
Discard: 02/09/00

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS | |
|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | See Page | 2 |
| 1751 | Chromium | 0.135 | 0.0098 | mg/l | |
| 7035 | Arsenic TR | 0.062 | 0.0050 | mg/l | |
| 7036 | Selenium TR | 0.052 | 0.0044 | mg/l | |
| 7046 | Barium TR | 0.297 | 0.00049 | mg/l | |
| 7049 | Cadmium TR | 0.0410 | 0.00081 | mg/l | |
| 7053 | Copper TR | 1.46 | 0.0029 | mg/l | |
| 7055 | Lead TR | 0.037 | 0.0079 | mg/l | |
| 7066 | Silver TR | N.D. | 0.0017 | mg/l | |
| 7072 | Zinc TR | 3.32 | 0.0030 | mg/l | |
| 0259 | Mercury | N.D. | 0.0010 | mg/l | |
| | The quantitation limit for mercury was increased due to the nature of the sample matrix. | | | | |
| 0937 | TCL Pesticides in Waters | | | See Page | 4 |
| 1316 | AppendixIX Herbicides - Waters | | | See Page | 6 |
| 4678 | TCL SW846 Semivolatiles/Waters | | | See Page | 7 |
| 4679 | TCL SW846 Semivolatiles/Waters | | | See Page | 8 |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg | |
| 0200 | pH | 4.37 | 0.010 | | |
| 0430 | Flash Point for Liquids | No Flash Observed | | Degrees F | |
| | No flash observed below 150F. Test flame extinguished at 101F. Flash point was determined using Pensky Martens closed cup apparatus. | | | | |
| 0496 | Corrosivity | See Below | | See Below | |
| | Corrosivity: The pH the sample was 4.37 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. | | | | |
| 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. | 39. | mg/kg | |

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
22:46:33 D 0001 3 REP 139744 693595
206 0.00 00202400 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

MEMBER ACIL
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**LLI Sample No. WW 3282073**
Collected: 11/30/99 at 12:10 by MP

Submitted: 12/01/99 Reported: 12/10/99
Discard: 02/09/00

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL by 8260 (water) | | | | | |
| 5385 | Chloromethane | N.D. | | 15. | ug/l |
| 5387 | Bromomethane | N.D. | | 15. | ug/l |
| 5386 | Vinyl Chloride | N.D. | | 10. | ug/l |
| 5388 | Chloroethane | 22. | J | 15. | ug/l |
| 5391 | Methylene Chloride | N.D. | | 10. | ug/l |
| 6302 | Acetone | 66. | J | 30. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 15. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | | 5. | ug/l |
| 5393 | 1,1-Dichloroethane | 260. | | 10. | ug/l |
| 5396 | Chloroform | N.D. | | 5. | ug/l |
| 5402 | 1,2-Dichloroethane | 16. | J | 10. | ug/l |
| 6305 | 2-Butanone | 47. | J | 15. | ug/l |
| 5398 | 1,1,1-Trichloroethane | N.D. | | 5. | ug/l |
| 5399 | Carbon Tetrachloride | N.D. | | 5. | ug/l |
| 5406 | Bromodichloromethane | N.D. | | 5. | ug/l |
| 5421 | 1,1,2,2-Tetrachloroethane | N.D. | | 10. | ug/l |
| 5404 | 1,2-Dichloropropane | N.D. | | 5. | ug/l |
| 6306 | trans-1,3-Dichloropropene | N.D. | | 5. | ug/l |
| 5403 | Trichloroethene | 35. | | 5. | ug/l |
| 5411 | Dibromochloromethane | N.D. | | 10. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 10. | ug/l |
| 5401 | Benzene | N.D. | | 5. | ug/l |
| 6307 | cis-1,3-Dichloropropene | N.D. | | 5. | ug/l |
| 5419 | Bromoform | N.D. | | 5. | ug/l |
| 6308 | 4-Methyl-2-pentanone | N.D. | | 25. | ug/l |
| 6309 | 2-Hexanone | 36. | J | 35. | ug/l |
| 5409 | Tetrachloroethene | 24. | J | 5. | ug/l |
| 5407 | Toluene | 280. | | 10. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 5. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 10. | ug/l |
| 5418 | Styrene | N.D. | | 5. | ug/l |
| 6310 | Xylene (Total) | 38. | | 5. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 10. | ug/l |
| 5395 | cis-1,2-Dichloroethene | 15. | J | 10. | ug/l |

Questions? Contact your Client Services Representative
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Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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**LLI Sample No. WW 3282073**
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Account No: 10160

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P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/10/99
Discard: 02/09/00

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|

TCL by 8260 (water)

The quantitation limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

This analysis was performed at a 5 times dilution of the original sample.

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Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL Pesticides in Waters | | | | |
| 1600 | Alpha BHC | N.D. | 0.019 | ug/l |
| 1601 | Beta BHC | N.D. | 0.019 | ug/l |
| 1603 | Delta BHC | N.D. | 0.20 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.019 | ug/l |
| 1604 | Heptachlor | N.D. | 0.095 | ug/l |
| 1605 | Aldrin | N.D. | 0.019 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.019 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.019 | ug/l |
| 1610 | Dieldrin | N.D. | 0.038 | ug/l |
| 1607 | DDE | N.D. | 0.038 | ug/l |
| 1611 | Endrin | N.D. | 0.80 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.30 | ug/l |
| 1608 | DDD | N.D. | 0.038 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.038 | ug/l |
| 1609 | DDT | N.D. | 0.038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.038 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.19 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.019 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.019 | ug/l |
| 1613 | Toxaphene | N.D. | 2.9 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.19 | ug/l |
| 1619 | PCB-1016 | N.D. | 1.0 | ug/l |
| 1620 | PCB-1221 | N.D. | 1.0 | ug/l |
| 1621 | PCB-1232 | N.D. | 1.0 | ug/l |
| 1622 | PCB-1242 | N.D. | 1.0 | ug/l |
| 1623 | PCB-1248 | N.D. | 1.0 | ug/l |
| 1624 | PCB-1254 | 57.0 | 1.0 | ug/l |
| 1626 | PCB-1260 | N.D. | 1.0 | ug/l |

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Respectfully Submitted
Jenifer E. Hess, B.S.
Group Leader Pesticides/PCBs

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PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/10/99
Discard: 02/09/00

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|

TCL Pesticides in Waters

Due to interfering peaks on the chromatogram, the values reported represent the lowest quantitation limits obtainable.
Despite numerous cleanup methods, we were unable to reach our usual quantitation limits.

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

The gamma-Chlordane recovery was outside the QC limits for the LCSD. Since the recovery was high and no gamma-Chlordane was detected in the sample, the results were reported.

Questions? Contact your Client Services Representative
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Respectfully Submitted
Jenifer E. Hess, B.S.
Group Leader Pesticides/PCBs

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WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| AppendixIX Herbicides - Waters | | | | | |
| 0288 | 2,4-D | 4.5 | J | 1.9 | ug/l |
| 1314 | Dinoseb | N.D. | | 1.0 | ug/l |
| 0289 | 2,4,5-TP | 0.34 | J | 0.19 | ug/l |
| 1315 | 2,4,5-T | N.D. | | 0.19 | ug/l |

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.

Questions? Contact your Client Services Representative
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Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | | |
| 3925 | Phenol | N.D. | | 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 | 1. | J | 1. | ug/l |
| 3939 | 1,2-Dichlorobenzene | 16. | | 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 | N.D. | | 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 | N.D. | | 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 | 10. | J | 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 | 4. | J | 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 | 29. | | 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 |

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Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

Lancaster Laboratories
Where quality is a science.



**LLI Sample No. WW 3282073**
Collected: 11/30/99 at 12:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/10/99
Discard: 02/09/00

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | | |
| 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 |
| 3879 | Dibenzofuran | N.D. | | 1. | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 1. | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 4. | J | 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 | 2. | J | 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 | 2. | J | 1. | ug/l |
| 3964 | Anthracene | N.D. | | 1. | ug/l |
| 4684 | Carbazole | N.D. | | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | | 1. | ug/l |
| 3967 | Pyrene | N.D. | | 1. | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | | 2. | ug/l |
| 3970 | Benzo(a)anthracene | N.D. | | 1. | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 17. | | 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 |

Questions? Contact your Client Services Representative
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MEMBER ACIL
Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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See reverse side for explanation of symbols and abbreviations.

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**LLI Sample No. WW 3282073**
Collected: 11/30/99 at 12:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/10/99
Discard: 02/09/00

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|

TCL SW846 Semivolatiles/Waters

Poor surrogate recoveries were observed for the GC/MS semivolatile compounds. The analysis was repeated and poor surrogate recoveries were again observed, indicating a significant matrix effect.

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**LLI Sample No. WW 3282073**
Collected: 11/30/99 at 12:10 by MP

Submitted: 12/01/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL006 SDG#: DCC70-01

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/02/99 1913 | Roy R. Mellott, Jr. |
| 1751 | Chromium | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 1848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | | 12/02/99 1745 | Marie D. Kimmel |
| 7035 | Arsenic TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7036 | Selenium TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7046 | Barium TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7049 | Cadmium TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7053 | Copper TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7055 | Lead TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7066 | Silver TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 7072 | Zinc TR | SW-846 6010B | 1 | | 12/03/99 0405 | Brenda A. Weaver |
| 0259 | Mercury | SW-846 7470A | 1 | | 12/03/99 0929 | Damary S. Valentin |
| 5713 | WW SW846 Hg Digest | SW-846 7470A | 1 | | 12/02/99 2129 | Nelli S. Markaryan |
| 0816 | Water Sample Herbicide Extract | SW-846 8151A | 1 | | 12/03/99 0015 | Darin P. Wagner |
| 0817 | Water Sample Pest. Extraction | SW-846 3510C | 1 | | 12/02/99 1100 | Roxanne M. Roth |
| 0937 | TCL Pesticides in Waters | SW-846 8081A/8082 | 1 | | 12/03/99 0705 | Douglas D. Seitz |
| 1316 | AppendixIX Herbicides - Waters | SW-846 8151A | 1 | | 12/06/99 1322 | Carolyn J. Koch |
| 0813 | BNA Water Extraction | SW-846 3510C | 2 | | 12/03/99 1530 | Wanda F. Oswald |
| 4678 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/06/99 2024 | Catherine A. Evans |
| 4679 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/06/99 2024 | Catherine A. Evans |
| 1123 | Cyanide (Reactivity) | SW-846 9012 | 1 | | 12/02/99 1424 | Venia M. McFadden |
| 0200 | pH | EPA 150.1 | 1 | | 12/02/99 0255 | Patricia L. Dehoff |
| 0430 | Flash Point for Liquids | ASTM D 93-90 | 1 | | 12/02/99 1040 | Catherine L. Cammauf |
| 1121 | Reactivity | SW-846 Chapter 7.3 | 1 | | 12/02/99 0820 | Susan E. Hibner |
| 1122 | Sulfide (Reactivity) | SW-846 9034 | 1 | | 12/02/99 0820 | Susan E. Hibner |

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**LLI Sample No. 3282073**
WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: R993361AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 15. | ug/l | N.D. | | 94 | 92 | 2 | 91 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 15. | ug/l | N.D. | | 92 | 87 | 5 | 87 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 96 | 97 | 1 | 92 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 15. | ug/l | N.D. | | 99 | 99 | 0 | 96 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 115 | 114 | 0 | 110 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 30. | ug/l | N.D. | | 108 | 104 | 4 | 105 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 15. | ug/l | N.D. | | 116 | 115 | 1 | 110 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 121 | 124 | 2 | 115 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 115 | 118 | 2 | 112 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 113 | 113 | 0 | 109 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 115 | 114 | 1 | 114 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 15. | ug/l | N.D. | | 99 | 98 | 2 | 96 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 119 | 122 | 2 | 111 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 118 | 120 | 2 | 111 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 106 | 108 | 2 | 104 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 103 | 103 | 1 | 104 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 104 | 109 | 5 | 102 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 99 | 100 | 1 | 99 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 119 | 120 | 1 | 110 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 108 | 109 | 0 | 104 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 108 | 106 | 2 | 108 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 109 | 110 | 1 | 104 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 98 | 100 | 1 | 97 | | | 83 | 120 |

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Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 Bromoform | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 110 | 115 | 5 | 113 | | | 65 | 128 |
| 6308 4-Methyl-2-pentanone | | | | | | | | | | | |
| 25. | ug/l | N.D. | | 105 | 101 | 3 | 101 | | | 72 | 131 |
| 6309 2-Hexanone | | | | | | | | | | | |
| 35. | ug/l | N.D. | | 105 | 104 | 1 | 102 | | | 64 | 131 |
| 5409 Tetrachloroethene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 124 | 128 | 2 | 118 | | | 78 | 144 |
| 5407 Toluene | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 112 | 115 | 2 | 109 | | | 89 | 121 |
| 5413 Chlorobenzene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 110 | 114 | 3 | 108 | | | 91 | 120 |
| 5415 Ethylbenzene | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 122 | 121 | 1 | 114 | | | 91 | 122 |
| 5418 Styrene | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 115 | 118 | 2 | 110 | | | 92 | 120 |
| 6310 Xylene (Total) | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 120 | 120 | 0 | 113 | | | 92 | 123 |
| 5392 trans-1,2-Dichloroethene | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 114 | 117 | 3 | 112 | | | 85 | 130 |
| 5395 cis-1,2-Dichloroethene | | | | | | | | | | | |
| 10. | ug/l | N.D. | | 111 | 115 | 4 | 104 | | | 89 | 125 |
| 1751 Chromium | | Batch: 993361848005 | | | | | | | | | |
| 0.0098 | mg/l | N.D. | 0 (1) | 104 | 105 | 0 | 104 | | | 80 | 120 |
| 7035 Arsenic TR | | Batch: 993361848005 | | | | | | | | | |
| 0.0050 | mg/l | N.D. | 0 (1) | 100 | 100 | 0 | 101 | | | 80 | 120 |
| 7036 Selenium TR | | Batch: 993361848005 | | | | | | | | | |
| 0.0044 | mg/l | N.D. | 0 (1) | 101 | 101 | 0 | 101 | | | 80 | 120 |
| 7046 Barium TR | | Batch: 993361848005 | | | | | | | | | |
| 0.00049 | mg/l | N.D. | 0 (1) | 103 | 103 | 0 | 103 | | | 80 | 120 |
| 7049 Cadmium TR | | Batch: 993361848005 | | | | | | | | | |
| 0.00081 | mg/l | N.D. | 0 (1) | 103 | 103 | 1 | 104 | | | 80 | 120 |
| 7053 Copper TR | | Batch: 993361848005 | | | | | | | | | |
| 0.0029 | mg/l | N.D. | 0 (1) | 102 | 103 | 0 | 102 | | | 80 | 120 |
| 7055 Lead TR | | Batch: 993361848005 | | | | | | | | | |
| 0.0079 | mg/l | N.D. | 0 (1) | 102 | 102 | 0 | 102 | | | 80 | 120 |
| 7066 Silver TR | | Batch: 993361848005 | | | | | | | | | |
| 0.0017 | mg/l | N.D. | 0 (1) | 101 | 102 | 1 | 101 | | | 80 | 120 |
| 7072 Zinc TR | | Batch: 993361848005 | | | | | | | | | |
| 0.0030 | mg/l | 0.0064 J mg/l | 0 (1) | 97 | 97 | 0 | 100 | | | 80 | 120 |
| 0259 Mercury | | Batch: 993365713001 | | | | | | | | | |
| 0.0010 | mg/l | N.D. | 0 (1) | 104 | 101 | 3 | 100 | | | 80 | 120 |
| 0937 TCL Pesticides in Waters | | Batch: 993360000A | | | | | | | | | |
| 1600 Alpha BHC | | | | | | | | | | | |
| 0.019 | ug/l | 0.0059 J ug/l | | | | | 110 | 112 | 2 | 49 | 151 |
| 1601 Beta BHC | | | | | | | | | | | |
| 0.019 | ug/l | N.D. | | | | | 104 | 108 | 4 | 64 | 122 |

(1) The result for one or both determinations was less than five times the LOQ.

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WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1603 | Delta BHC | | | | | | | | | | | |
| | 0.20 | ug/l | N.D. | | | | | 112 | 116 | 3 | 64 | 132 |
| 1602 | Gamma BHC - Lindane | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | | | | 108 | 111 | 3 | 57 | 143 |
| 1604 | Heptachlor | | | | | | | | | | | |
| | 0.095 | ug/l | 0.0035 J ug/l | | | | | 87 | 99 | 13 | 38 | 129 |
| 1605 | Aldrin | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | | | | 78 | 95 | 19 | 42 | 112 |
| 1606 | Heptachlor Epoxide | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | | | | 116 | 121 | 4 | 52 | 136 |
| 1616 | Endosulfan I | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | | | | 100 | 103 | 3 | 37 | 146 |
| 1610 | Dieldrin | | | | | | | | | | | |
| | 0.038 | ug/l | N.D. | | | | | 100 | 104 | 4 | 50 | 145 |
| 1607 | DDE | | | | | | | | | | | |
| | 0.038 | ug/l | N.D. | | | | | 93 | 105 | 12 | 46 | 140 |
| 1611 | Endrin | | | | | | | | | | | |
| | 0.80 | ug/l | N.D. | | | | | 116 | 121 | 4 | 68 | 156 |
| 1615 | Endosulfan II | | | | | | | | | | | |
| | 0.30 | ug/l | N.D. | | | | | 105 | 108 | 3 | 42 | 143 |
| 1608 | DDD | | | | | | | | | | | |
| | 0.038 | ug/l | N.D. | | | | | 104 | 107 | 3 | 60 | 134 |
| 1617 | Endosulfan Sulfate | | | | | | | | | | | |
| | 0.038 | ug/l | N.D. | | | | | 106 | 109 | 3 | 67 | 132 |
| 1609 | DDT | | | | | | | | | | | |
| | 0.038 | ug/l | N.D. | | | | | 101 | 106 | 5 | 34 | 162 |
| 0938 | Endrin Ketone | | | | | | | | | | | |
| | 0.038 | ug/l | N.D. | | | | | 104 | 107 | 3 | 74 | 115 |
| 1860 | Methoxychlor | | | | | | | | | | | |
| | 0.19 | ug/l | N.D. | | | | | 111 | 114 | 3 | 72 | 160 |
| 1361 | Alpha Chlordane | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | | | | 103 | 110 | 6 | 70 | 117 |
| 1362 | Gamma Chlordane | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | | | | 95 | 107 | 12 | 60 | 107 |
| 1613 | Toxaphene | | | | | | | | | | | |
| | 2.9 | ug/l | N.D. | | | | | | | | | |
| 1618 | Endrin Aldehyde | | | | | | | | | | | |
| | 0.19 | ug/l | N.D. | | | | | 92 | 97 | 5 | 52 | 142 |
| 1619 | PCB-1016 | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |
| 1620 | PCB-1221 | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |
| 1621 | PCB-1232 | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |
| 1622 | PCB-1242 | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |
| 1623 | PCB-1248 | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |
| 1624 | PCB-1254 | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |

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Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1626 PCB-1260 | | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | | | | | |
| 1316 AppendixIX Herbicides - Waters | | | Batch: 993360009A | | | | | | | | | |
| 0288 2,4-D | | | | | | | | | | | | |
| | 1.9 | ug/l | N.D. | | | | | 105 | 108 | 3 | 36 | 168 |
| 1314 Dinoseb | | | | | | | | | | | | |
| | 1.0 | ug/l | N.D. | | | | | 63 | 60 | 4 | 14 | 108 |
| 0289 2,4,5-TP | | | | | | | | | | | | |
| | 0.19 | ug/l | N.D. | | | | | 113 | 112 | 0 | 33 | 161 |
| 1315 2,4,5-T | | | | | | | | | | | | |
| | 0.19 | ug/l | N.D. | | | | | 99 | 103 | 4 | 59 | 156 |
| 4678 TCL SW846 Semivolatiles/Waters | | | Batch: 99337WAA026 | | | | | | | | | |
| 3925 Phenol | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 47 | 45 | 5 | 29 | 64 |
| 3936 bis(2-Chloroethyl)ether | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 99 | 96 | 4 | 61 | 122 |
| 3924 2-Chlorophenol | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 98 | 94 | 5 | 61 | 123 |
| 3937 1,3-Dichlorobenzene | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 82 | 82 | 0 | 43 | 104 |
| 3938 1,4-Dichlorobenzene | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 83 | 83 | 0 | 39 | 109 |
| 3939 1,2-Dichlorobenzene | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 84 | 84 | 0 | 48 | 111 |
| 4680 2-Methylphenol | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 86 | 83 | 3 | 50 | 117 |
| 4681 2,2'-oxybis(1-Chloropropane) | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 94 | 91 | 3 | 54 | 149 |
| 4682 4-Methylphenol | | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 98 | 94 | 4 | 47 | 112 |
| 3942 N-Nitroso-di-n-propylamine | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 121 | 117 | 3 | 52 | 141 |
| 3941 Hexachloroethane | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 78 | 79 | 1 | 25 | 96 |
| 3943 Nitrobenzene | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 101 | 99 | 2 | 58 | 126 |
| 3944 Isophorone | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 92 | 91 | 2 | 66 | 123 |
| 3926 2-Nitrophenol | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 104 | 102 | 2 | 61 | 133 |
| 3927 2,4-Dimethylphenol | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 97 | 92 | 4 | 62 | 124 |
| 3945 bis(2-Chloroethoxy)methane | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 101 | 99 | 2 | 57 | 125 |
| 3928 2,4-Dichlorophenol | | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 101 | 96 | 5 | 57 | 122 |

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**LLI Sample No. 3282073**
WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3946 1,2,4-Trichlorobenzene | 1. | ug/l | N.D. | | | | | 86 | 86 | 1 | 47 | 107 |
| 3947 Naphthalene | 1. | ug/l | N.D. | | | | | 88 | 86 | 2 | 57 | 113 |
| 3871 4-Chloroaniline | 1. | ug/l | N.D. | | | | | 44 | 53 | 17 | 30 | 123 |
| 3948 Hexachlorobutadiene | 2. | ug/l | N.D. | | | | | 81 | 81 | 0 | 19 | 95 |
| 3929 4-Chloro-3-methylphenol | 1. | ug/l | N.D. | | | | | 100 | 97 | 2 | 63 | 128 |
| 3905 2-Methylnaphthalene | 1. | ug/l | N.D. | | | | | 90 | 88 | 2 | 42 | 131 |
| 3949 Hexachlorocyclopentadiene | 5. | ug/l | N.D. | | | | | 71 | 69 | 2 | 6 | 89 |
| 3930 2,4,6-Trichlorophenol | 2. | ug/l | N.D. | | | | | 101 | 99 | 2 | 57 | 134 |
| 3922 2,4,5-Trichlorophenol | 2. | ug/l | N.D. | | | | | 98 | 98 | 0 | 61 | 131 |
| 3950 2-Chloronaphthalene | 1. | ug/l | N.D. | | | | | 94 | 90 | 3 | 60 | 116 |
| 3907 2-Nitroaniline | 2. | ug/l | N.D. | | | | | 102 | 100 | 2 | 49 | 131 |
| 3952 Dimethylphthalate | 2. | ug/l | N.D. | | | | | 48 | 39 | 20 | 1 | 103 |
| 3951 Acenaphthylene | 1. | ug/l | N.D. | | | | | 91 | 89 | 3 | 62 | 113 |
| 4679 TCL SW846 Semivolatiles/Waters | | | Batch: 99337WAA026 | | | | | | | | | |
| 3908 3-Nitroaniline | 2. | ug/l | N.D. | | | | | 51 | 51 | 0 | 26 | 141 |
| 3954 Acenaphthene | 1. | ug/l | N.D. | | | | | 92 | 90 | 2 | 60 | 117 |
| 3931 2,4-Dinitrophenol | 19. | ug/l | N.D. | | | | | 82 | 90 | 9 | 18 | 135 |
| 3932 4-Nitrophenol | 10. | ug/l | N.D. | | | | | 44 | 42 | 3 | 20 | 79 |
| 3879 Dibenzofuran | 1. | ug/l | N.D. | | | | | 93 | 91 | 3 | 71 | 113 |
| 3955 2,4-Dinitrotoluene | 1. | ug/l | N.D. | | | | | 101 | 98 | 3 | 62 | 129 |
| 3953 2,6-Dinitrotoluene | 2. | ug/l | N.D. | | | | | 105 | 102 | 3 | 68 | 126 |
| 3958 Diethylphthalate | 2. | ug/l | N.D. | | | | | 78 | 72 | 8 | 18 | 120 |
| 3957 4-Chlorophenyl-phenylether | 1. | ug/l | N.D. | | | | | 102 | 99 | 3 | 60 | 121 |
| 3956 Fluorene | 1. | ug/l | N.D. | | | | | 104 | 100 | 3 | 62 | 127 |

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**LLI Sample No. 3282073**
WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3909 | 4-Nitroaniline | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 90 | 90 | 0 | 69 | 121 |
| 3933 | 4,6-Dinitro-2-methylphenol | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | | | | 94 | 96 | 2 | 31 | 150 |
| 3960 | N-Nitrosodiphenylamine | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 102 | 100 | 2 | 61 | 125 |
| 3961 | 4-Bromophenyl-phenylether | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 101 | 98 | 3 | 65 | 123 |
| 3962 | Hexachlorobenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 100 | 95 | 4 | 59 | 129 |
| 3934 | Pentachlorophenol | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 92 | 89 | 2 | 36 | 135 |
| 3963 | Phenanthrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 97 | 95 | 2 | 69 | 121 |
| 3964 | Anthracene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 97 | 94 | 2 | 67 | 121 |
| 4684 | Carbazole | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 99 | 97 | 2 | 78 | 115 |
| 3965 | Di-n-butylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 95 | 92 | 4 | 58 | 125 |
| 3966 | Fluoranthene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 98 | 95 | 3 | 66 | 124 |
| 3967 | Pyrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 102 | 100 | 2 | 63 | 125 |
| 3969 | Butylbenzylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 101 | 96 | 4 | 43 | 126 |
| 3972 | 3,3'-Dichlorobenzidine | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 61 | 63 | 3 | 15 | 140 |
| 3970 | Benzo(a)anthracene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 96 | 94 | 3 | 67 | 120 |
| 3973 | bis(2-Ethylhexyl)phthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 97 | 96 | 1 | 64 | 129 |
| 3971 | Chrysene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 102 | 100 | 2 | 67 | 121 |
| 3974 | Di-n-octylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 103 | 100 | 2 | 68 | 138 |
| 3975 | Benzo(b)fluoranthene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 97 | 93 | 5 | 64 | 120 |
| 3976 | Benzo(k)fluoranthene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 99 | 97 | 1 | 68 | 124 |
| 3977 | Benzo(a)pyrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 100 | 96 | 4 | 68 | 124 |
| 3978 | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 105 | 99 | 6 | 65 | 129 |
| 3979 | Dibenz(a,h)anthracene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 104 | 101 | 3 | 66 | 128 |
| 3980 | Benzo(g,h,i)perylene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | | | | 101 | 99 | 3 | 66 | 128 |
| 1123 | Cyanide (Reactivity) | | Batch: 99336104201 | | | | | | | | | |
| | 100. | mg/kg | N.D. | | 0 | 0 | 5 | 113 | | | 88 | 121 |

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**LLI Sample No. 3282073**
WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0200 pH | | | Batch: 993360053020000A | | | | | | | | | |
| | 0.010 | | | 0 | | | | 99 | 100 | 1 | 98 | 102 |
| 0430 Flash Point for Liquids | | Degrees F | Batch: 993360286043000A | | | | | 102 | 102 | 0 | 97 | 103 |
| 1121 Reactivity | | see below | Batch: 993360416112100A | | | | | | | | | |
| 1122 Sulfide (Reactivity) | | | Batch: 993360416112100A | | | | | | | | | |
| | 39. | mg/kg | N.D. | | 53 | 57 | 7 | 81 | | | 80 | 120 |

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**LLI Sample No. 3282073**
WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 0937 TCL Pesticides in Waters | TCX | 149 | 36 | 121 |
| | DCB | 36 | 19 | 153 |
| 1316 AppendixIX Herbicides - Waters | DCAA | (5) | 37 | 151 |
| 4678 TCL SW846 Semivolatiles/Waters | 2-Flphenol | 73 | 15 | 113 |
| | Phenol-d6 | 47 | 9 | 77 |
| | 2,4,6-TBP | 62 | 32 | 157 |
| 4679 TCL SW846 Semivolatiles/Waters | Nitrobz-d5 | 23 | 55 | 130 |
| | 2-Fbiphnyl | 58 | 57 | 117 |
| | Tphenyld14 | 77 | 42 | 139 |
| 6291 TCL by 8260 (water) | DBFM | 118 | 86 | 118 |
| | d4-1,2-DCA | 104 | 80 | 120 |
| | d8-toluene | 101 | 88 | 110 |
| | 4-BFB | 114 | 86 | 115 |

(5) Accurate surrogate recoveries could not be determined due to interferences or dilution necessary for this sample.

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JAN 04 2000



**LLI Sample No. WW 3282074**
Collected: 11/30/99

Account No: I0160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/08/99
Discard: 02/07/00

WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT11 SDG#: DCC70-02TB

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
10:22:15 D 0001 3 139744 693595
320 0.00 00029900 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3282074**
Collected: 11/30/99

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/08/99
Discard: 02/07/00

WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT11 SDG#: DCC70-02TB

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL by 8260 (water) | | | | | |
| 5385 | Chloromethane | N.D. | | 3. | ug/l |
| 5387 | Bromomethane | N.D. | | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | | 2. | ug/l |
| 5388 | Chloroethane | N.D. | | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | | 2. | ug/l |
| 6302 | Acetone | 10. | J | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | | 2. | ug/l |
| 5396 | Chloroform | N.D. | | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | | 2. | 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. | | 2. | 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. | | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 2. | 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. | | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | | 1. | ug/l |
| 5407 | Toluene | N.D. | | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 2. | ug/l |
| 5418 | Styrene | N.D. | | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

MEMBER ACIL
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2425 New Holland Pike
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See reverse side for explanation of symbols and abbreviations.

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**LLI Sample No. WW 3282074**
Collected: 11/30/99

Submitted: 12/01/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT11 SDG#: DCC70-02TB

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/02/99 1818 | Roy R. Mellott, Jr. |

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**LLI Sample No. 3282074**
WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: R993361AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 94 | 92 | 2 | 91 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 92 | 87 | 5 | 87 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 96 | 97 | 1 | 92 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 99 | 0 | 96 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 0 | 110 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 108 | 104 | 4 | 105 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 116 | 115 | 1 | 110 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 121 | 124 | 2 | 115 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 118 | 2 | 112 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 113 | 0 | 109 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 1 | 114 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 2 | 96 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 122 | 2 | 111 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 118 | 120 | 2 | 111 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 106 | 108 | 2 | 104 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 103 | 103 | 1 | 104 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 109 | 5 | 102 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 99 | 100 | 1 | 99 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 120 | 1 | 110 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 109 | 0 | 104 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 106 | 2 | 108 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 109 | 110 | 1 | 104 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 98 | 100 | 1 | 97 | | | 83 | 120 |

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**LLI Sample No. 3282074**
WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 110 | 115 | 5 | 113 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 105 | 101 | 3 | 101 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 105 | 104 | 1 | 102 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 124 | 128 | 2 | 118 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 112 | 115 | 2 | 109 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 110 | 114 | 3 | 108 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 122 | 121 | 1 | 114 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 115 | 118 | 2 | 110 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 120 | 120 | 0 | 113 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 114 | 117 | 3 | 112 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 111 | 115 | 4 | 104 | | | 89 | 125 |

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**LLI Sample No. 3282074**
WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 6291 TCL by 8260 (water) | DBFM | 117 | 86 | 118 |
| | d4-1,2-DCA | 107 | 80 | 120 |
| | d8-toluene | 104 | 88 | 110 |
| | 4-BFB | 114 | 86 | 115 |

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Where quality is a science.

JAN 04 2000



**LLI Sample No. WW 3282075**
Collected: 12/01/99 at 13:00 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/01/99 Reported: 12/08/99
Discard: 02/07/00

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLTSB SDG#: DCC70-03SB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
10:22:50 D 0001 3 139744 693595
320 0.00 00000000 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

Lancaster Laboratories is a subsidiary of Thermo TerraTech Inc., a Thermo Electron Company.
See reverse side for explanation of symbols and abbreviations.

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Dayton Thermal/Dayton, OH
WLTSB SDG#: DCC70-03SB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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**LLI Sample No. WW 3282075**
Collected: 12/01/99 at 13:00 by LAB

Submitted: 12/01/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLTSB SDG#: DCC70-03SB*

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/02/99 2019 | Roy R. Mellott, Jr. |

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**LLI Sample No. 3282075**
Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: R993361AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 94 | 92 | 2 | 91 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 92 | 87 | 5 | 87 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 96 | 97 | 1 | 92 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 99 | 0 | 96 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 0 | 110 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 108 | 104 | 4 | 105 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 116 | 115 | 1 | 110 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 121 | 124 | 2 | 115 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 118 | 2 | 112 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 113 | 0 | 109 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 1 | 114 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 2 | 96 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 122 | 2 | 111 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 118 | 120 | 2 | 111 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 106 | 108 | 2 | 104 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 103 | 103 | 1 | 104 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 109 | 5 | 102 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 99 | 100 | 1 | 99 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 120 | 1 | 110 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 109 | 0 | 104 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 106 | 2 | 108 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 109 | 110 | 1 | 104 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 98 | 100 | 1 | 97 | | | 83 | 120 |

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**LLI Sample No. 3282075**
Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 110 | 115 | 5 | 113 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 105 | 101 | 3 | 101 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 105 | 104 | 1 | 102 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 124 | 128 | 2 | 118 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 112 | 115 | 2 | 109 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 110 | 114 | 3 | 108 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 122 | 121 | 1 | 114 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 115 | 118 | 2 | 110 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 120 | 120 | 0 | 113 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 114 | 117 | 3 | 112 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 111 | 115 | 4 | 104 | | | 89 | 125 |

Lancaster Laboratories
Where quality is a science.



**LLI Sample No. 3282075**
Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 693595
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 6291 TCL by 8260 (water) | DBFM | 113 | 86 | 118 |
| | d4-1,2-DCA | 102 | 80 | 120 |
| | d8-toluene | 103 | 88 | 110 |
| | 4-BFB | 110 | 86 | 115 |

10160/ 3282073-5 1133181

# DAIMLERCHRYSLER Sewer Cleanout — Chain-of-Custody

0650 B

| | | |
|---|---|---|
| Lancaster Laboratories<br>2425 New Holland Pike<br>Lancaster, PA 17601<br>Phone Number: (717) 656-2300<br>Fax Number: (717) 656-2681 | Project Name: Dayton Thermal Products<br>Site Location: Dayton Ohio<br>Site Code: SC801<br>RFA Number: YGQP9900271<br>DaimlerChrysler PM: Gary Stanczuk | Consultant: Leggette, Brashears, + Graham Inc.<br>Address: 1210 W. County Rd E Suite 700<br>St. Paul MN 55112<br>Consultant PM Ken Vogel<br>Phone: 651-490-1405 Fax: 651-490-1006 |

**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) lab DI water, TB99319

*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 | VOC, 8260, 40ml voa, HCl | SVOC, 8270, 1000ml amber, $Na_2S_2O_3$ | mI metals, 6/7000 series, 500ml plastic | TCL PCB, 8082 $Na_2S_2O_3$ | TCL Pesticide, 8081A, $Na_2S_2O_3$ | Herbicide, 8151A $Na_2S_2O_3$ | Corrosivity, Chapt. 7, 9040B | Reactivity, Chapt. 7. no preserv. | Ignitability, Chapt 7. ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL00006 | 11/30/99 | 1210 | G | GW | 10 | X | X | X | X | X | X | X | X | X | waste liquid from Build. 40 |
| WLT113099 | 11/30/99 | — | — | O | 1 | X | | | | | | | | | |

**Compound List-Parameter/Method/Bottle Type/Preservative**

| | | | | | |
|---|---|---|---|---|---|
| Sampler(s) Mike Plante | Cooler ID # T-300 C00166 | | Samples Relinquished under Airbill No. 813874857691 | | Temperature (corrected) 3.5 C |
| | Relinquished by: [signature] | Date: 11-15-99 | Time: 1600 | Received by: | Date: / Time: / Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes No | Relinquished by: [signature] | Date: 11/30/99 | Time: 1450 | Received for Laboratory by: [signature] | Date: 12/1/99 Time: 0715 Custody Seal Intact? Yes No |

SDG 271-C

*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

RFA 271C

| ID | DATESAMP | ANLYZD | RECVD | # DAYS TO ANALYZE | PARAMETER | RESULT | QUAL | UNIT | METHOD | |
|---|---|---|---|---|---|---|---|---|---|---|
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | pH | 4.37 | | | EPA 150.1 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Mercury | 0.001 | U | MG/L | SW-846 7470A | metal |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Flash Point for Liquid: | No Flash Obser | | DEGF | ASTM D 93-90 | Ig |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Endrin Ketone | 0.038 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Alpha Chlordane | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Gamma Chlordane | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Alpha BHC | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Beta BHC | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Gamma BHC - Lindar | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Delta BHC | 0.2 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Heptachlor | 0.095 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Aldrin | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Heptachlor Epoxide | 0.019 | U | UG/L | SW-846 8081A/8082 | Pest/PCB's |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | DDE | 0.038 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | DDD | 0.038 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | DDT | 0.038 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Dieldrin | 0.038 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Endrin | 0.8 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Toxaphene | 2.9 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Endosulfan II | 0.3 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Endosulfan I | 0.019 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Endosulfan Sulfate | 0.038 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Endrin Aldehyde | 0.19 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1016 | 1 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1221 | 1 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1232 | 1 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1242 | 1 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1248 | 1 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1254 | 57 | | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | PCB-1260 | 1 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Methoxychlor | 0.19 | U | UG/L | SW-846 8081A/8082 | |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Sulfide (Reactivity) | 39 | U | MG/K | SW-846 9034 | |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Cyanide (Reactivity) | 100 | U | MG/K | SW-846 9012 | React |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4-D | 4.5 | J | UG/L | SW-846 8151A | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4,5-TP | 0.34 | J | UG/L | SW-846 8151A | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Dinoseb | 1 | U | UG/L | SW-846 8151A | Herb |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4,5-T | 0.19 | U | UG/L | SW-846 8151A | |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Chromium | 0.135 | | MG/L | SW-846 6010B | metal |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Chloroaniline | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2-Methylnaphthalene | 4 | J | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2-Nitroaniline | 2 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4,5-Trichlorophenol | 2 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2-Chlorophenol | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Phenol | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2-Nitrophenol | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4-Dimethylphenol | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4-Dichlorophenol | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Chloro-3-methylphe | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4,6-Trichlorophenol | 2 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | bis(2-Chloroethyl)ethe | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 1,3-Dichlorobenzene | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 1,4-Dichlorobenzene | 1 | J | UG/L | SW-846 8270C | SVOC |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 1,2-Dichlorobenzene | 16 | | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Hexachloroethane | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | N-Nitroso-di-n-propyla | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Nitrobenzene | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Isophorone | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | bis(2-Chloroethoxy)m | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 1,2,4-Trichlorobenzen | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Naphthalene | 10 | J | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Hexachlorobutadiene | 2 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Hexachlorocyclopenta | 5 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2-Chloronaphthalene | 29 | | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Acenaphthylene | 1 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Dimethylphthalate | 2 | U | UG/L | SW-846 8270C | |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2-Methylphenol | 1 | U | UG/L | SW-846 8270C | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,2'-oxybis(1-Chloropı | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Methylphenol | 3 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Dibenzofuran | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 3-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Nitroaniline | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4-Dinitrophenol | 19 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Nitrophenol | 10 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4,6-Dinitro-2-methylpl | 5 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Pentachlorophenol | 3 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,6-Dinitrotoluene | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Acenaphthene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 2,4-Dinitrotoluene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Fluorene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Chlorophenyl-phen | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Diethylphthalate | 4 | J | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | N-Nitrosodiphenylami | 2 | J | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 4-Bromophenyl-phen | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Hexachlorobenzene | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Phenanthrene | 2 | J | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Anthracene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Di-n-butylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Fluoranthene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Pyrene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Butylbenzylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Benzo(a)anthracene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Chrysene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | 3,3'-Dichlorobenzidine | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | bis(2-Ethylhexyl)phth | 17 | | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Di-n-octylphthalate | 2 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Benzo(b)fluoranthene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Benzo(k)fluoranthene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Benzo(a)pyrene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Indeno(1,2,3-cd)pyrer | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Dibenz(a,h)anthracen | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Benzo(g,h,i)perylene | 1 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/06/1999 | 12/01/1999 | 5 | Carbazole | 3 | U | UG/L | SW-846 8270C |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Chloromethane | 15 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Vinyl Chloride | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Bromomethane | 15 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Chloroethane | 22 | J | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,1-Dichloroethene | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Methylene Chloride | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | trans-1,2-Dichloroeth | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,1-Dichloroethane | 260 | | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | cis-1,2-Dichloroethen | 15 | J | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Chloroform | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,1,1-Trichloroethane | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Carbon Tetrachloride | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Benzene | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,2-Dichloroethane | 16 | J | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Trichloroethene | 35 | | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,2-Dichloropropane | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Bromodichloromethar | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Toluene | 280 | | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,1,2-Trichloroethane | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Tetrachloroethene | 24 | J | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Dibromochloromethar | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Chlorobenzene | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Ethylbenzene | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Styrene | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Bromoform | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 1,1,2,2-Tetrachloroeth | 10 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Acetone | 66 | J | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Carbon Disulfide | 15 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 2-Butanone | 47 | J | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | trans-1,3-Dichloropro | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | cis-1,3-Dichloroprope | 5 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 4-Methyl-2-pentanone | 25 | U | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | 2-Hexanone | 36 | J | UG/L | SW-846 8260B |

SVOC

VOC

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WL0006 | 11/30/1999 | 12/02/1999 | 12/01/1999 | 1 | Xylene (Total) | 38 | UG/L | SW-846 8260B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Arsenic TR | 0.062 | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Selenium TR | 0.052 | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Barium TR | 0.297 | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Cadmium TR | 0.041 | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Copper TR | 1.46 | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Lead TR | 0.037 | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Silver TR | 0.0017 U | MG/L | SW-846 6010B |
| WL0006 | 11/30/1999 | 12/03/1999 | 12/01/1999 | 2 | Zinc TR | 3.32 | MG/L | SW-846 6010B |

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# FAX Cover Page

**Pages: 6**

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone: 717-656-2300**
**FAX: 717-656-2681**

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

99-271 WL0006

pH
Hg
Fg
Corr
React
8260
metals

Fax Code: DAI693595 3282073-3282075 10160 885 320 Mr. Ken Vogel

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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 11/30/99

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0200 | pH | 4.37 | 0.010 | |
| 0259 | Mercury | N.D. | 0.0010 | mg/l |

The quantitation limit for mercury was increased
due to the nature of the sample matrix.
==========

| | | | |
|---|---|---|---|
| 0430 | Flash Point for Liquids | No Flash Observed | Degrees F |

No flash observed below 150F.
Test flame extinguished at 101F.
Flash point was determined using Pensky Martens closed cup apparatus.
==========

| | | | |
|---|---|---|---|
| 0496 | Corrosivity | See Below | See Below |

Corrosivity:
The pH the sample was 4.37 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.
==========

| | | | |
|---|---|---|---|
| 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. | 39. | mg/kg |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |
| 1751 | Chromium | 0.135 | 0.0098 | mg/l |
| 6291 | TCL by 8260 (water) | | | |

he quantitation limits for the GC/MS volatile compounds were raised due to



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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

the level of non-target compounds.

This analysis was performed at a 5 times dilution of the original sample.

==========

| | | TCLP Limit | | | | |
|---|---|---|---|---|---|---|
| 5385 | Chloromethane | | N.D. | | 15. | ug/l |
| 5387 | Bromomethane | | N.D. | | 15. | ug/l |
| 5386 | Vinyl Chloride | | N.D. | | 10. | ug/l |
| 5388 | Chloroethane | | 22. | J | 15. | ug/l |
| 5391 | Methylene Chloride | | N.D. | | 10. | ug/l |
| 6302 | Acetone | | 66. | J | 30. | ug/l |
| 6303 | Carbon Disulfide | | N.D. | | 15. | ug/l |
| 5390 | 1,1-Dichloroethene | | N.D. | | 5. | ug/l |
| 5393 | 1,1-Dichloroethane | 500 | 260. | | 10. | ug/l |
| 5396 | Chloroform | | N.D. | | 5. | ug/l |
| 5402 | 1,2-Dichloroethane | 500 | 16. | J | 10. | ug/l |
| 6305 | 2-Butanone | 200,000 | 47. | J | 15. | ug/l |
| 5398 | 1,1,1-Trichloroethane | | N.D. | | 5. | ug/l |
| 5399 | Carbon Tetrachloride | | N.D. | | 5. | ug/l |
| 5406 | Bromodichloromethane | | N.D. | | 5. | ug/l |
| 5421 | 1,1,2,2-Tetrachloroethane | | N.D. | | 10. | ug/l |
| 5404 | 1,2-Dichloropropane | | N.D. | | 5. | ug/l |
| 6306 | trans-1,3-Dichloropropene | | N.D. | | 5. | ug/l |
| 5403 | Trichloroethene | 500 | 35. | | 5. | ug/l |
| 5411 | Dibromochloromethane | | N.D. | | 10. | ug/l |
| 5408 | 1,1,2-Trichloroethane | | N.D. | | 10. | ug/l |
| 5401 | Benzene | | N.D. | | 5. | ug/l |
| 6307 | cis-1,3-Dichloropropene | | N.D. | | 5. | ug/l |
| 5419 | Bromoform | | N.D. | | 5. | ug/l |
| 6308 | 4-Methyl-2-pentanone | | N.D. | | 25. | ug/l |
| 6309 | 2-Hexanone | | 36. | J | 35. | ug/l |
| 5409 | Tetrachloroethene | 700 | 24. | J | 5. | ug/l |
| 5407 | Toluene | | 280. | | 10. | ug/l |
| 5413 | Chlorobenzene | | N.D. | | 5. | ug/l |
| 5415 | Ethylbenzene | | N.D. | | 10. | ug/l |
| 5418 | Styrene | | N.D. | | 5. | ug/l |
| 6310 | Xylene (Total) | | 38. | | 5. | ug/l |
| 5392 | trans-1,2-Dichloroethene | | N.D. | | 10. | ug/l |
| 5395 | cis-1,2-Dichloroethene | | 15. | J | 10. | ug/l |

==========

| | | | | | |
|---|---|---|---|---|---|
| 7035 | Arsenic TR | 5 | 0.062 | 0.0050 | mg/l |
| 7036 | Selenium TR | 1 | 0.052 | 0.0044 | mg/l |
| 7046 | Barium TR | 100 | 0.297 | 0.00049 | mg/l |
| 7049 | Cadmium TR | 1 | 0.0410 | 0.00081 | mg/l |
| 7053 | Copper TR | | 1.46 | 0.0029 | mg/l |
| 7055 | Lead TR | 5 | 0.037 | 0.0079 | mg/l |
| 7066 | Silver TR | 5 | N.D. | 0.0017 | mg/l |
| 7072 | Zinc TR | | 3.32 | 0.0030 | mg/l |

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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

Sample Number: WW3282074 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 11/30/99

WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | | 3. | ug/l |
| 5387 | Bromomethane | N.D. | | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | | 2. | ug/l |
| 5388 | Chloroethane | N.D. | | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | | 2. | ug/l |
| 6302 | Acetone | 10. | J | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | | 2. | ug/l |
| 5396 | Chloroform | N.D. | | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | | 2. | 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. | | 2. | 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. | | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 2. | 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. | | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | | 1. | ug/l |
| 5407 | Toluene | N.D. | | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 2. | ug/l |
| 5418 | Styrene | N.D. | | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | | 2. | ug/l |

==========

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

Sample Number: WW3282074 Account: 10160 DAIMLERCHRYSLER CORPORATION

Sample Number: WW3282075 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 12/01/99

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

=========



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

Sample Number: WW3282075 Account: 10160 DAIMLERCHRYSLER CORPORATION

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# FAX Cover Page

**Pages:** 3

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone:** 717-656-2300
**FAX:** 717-656-2681

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

99-271
WL0006
Pest
PCB

Fax Code: DAI693595 3282073-3282075 10160 885 320 Mr. Ken Vogel

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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 11/30/99

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0937 | TCL Pesticides in Waters | | | |

*Due to interfering peaks on the chromatogram, the values reported represent* the lowest quantitation limits obtainable.
Despite numerous cleanup methods, we were unable to reach our usual quantitation limits.

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

The gamma-Chlordane recovery was outside the QC limits for the LCSD. Since the recovery was high and no gamma-Chlordane was detected in the sample, the results were reported.
==========

| | | | | |
|---|---|---|---|---|
| 1600 | Alpha BHC | N.D. | 0.019 | ug/l |
| 1601 | Beta BHC | N.D. | 0.019 | ug/l |
| 1603 | Delta BHC | N.D. | 0.20 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.019 | ug/l |
| 1604 | Heptachlor | N.D. | 0.095 | ug/l |
| 1605 | Aldrin | N.D. | 0.019 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.019 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.019 | ug/l |
| 1610 | Dieldrin | N.D. | 0.038 | ug/l |
| 1607 | DDE | N.D. | 0.038 | ug/l |
| 1611 | Endrin | N.D. | 0.80 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.30 | ug/l |
| 1608 | DDD | N.D. | 0.038 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.038 | ug/l |
| 1609 | DDT | N.D. | 0.038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.038 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.19 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.019 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.019 | ug/l |
| 1613 | Toxaphene | N.D. | 2.9 | ug/l |

| | | | | |
|---|---|---|---|---|
| 1618 | Endrin Aldehyde | N.D. | 0.19 | ug/l |



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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 1619 | PCB-1016 | N.D. | 1.0 | ug/l |
| 1620 | PCB-1221 | N.D. | 1.0 | ug/l |
| 1621 | PCB-1232 | N.D. | 1.0 | ug/l |
| 1622 | PCB-1242 | N.D. | 1.0 | ug/l |
| 1623 | PCB-1248 | N.D. | 1.0 | ug/l |
| 1624 | PCB-1254 | 57.0 | 1.0 | ug/l |
| 1626 | PCB-1260 | N.D. | 1.0 | ug/l |

==========

Sample Number: WW3282074 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 11/30/99

WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

Sample Number: WW3282075 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 12/01/99

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

DEC - 7 1999

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**Pages: 4**

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone: 717-656-2300**
**FAX: 717-656-2681**

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext. 1566

**Message:**

99-271
WL0006
Herb
SVOC

Fax Code: DAI693595 3282073-3282075 10160 885 320 Mr. Ken Vogel

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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 11/30/99

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| 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.

==========

| | | | | | |
|---|---|---|---|---|---|
| 0288 | 2,4-D | 4.5 | J | 1.9 | ug/l |
| 1314 | Dinoseb | N.D. | | 1.0 | ug/l |
| 0289 | 2,4,5-TP | 0.34 | J | 0.19 | ug/l |
| 1315 | 2,4,5-T | N.D. | | 0.19 | ug/l |

==========

| | | | | | |
|---|---|---|---|---|---|
| 4678 | TCL SW846 Semivolatiles/Waters | | | | |
| 3925 | Phenol | N.D. | | 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 | 16. | | 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 | N.D. | | 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 | N.D. | | 1. | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | | 1. | ug/l |

| | | | | |
|---|---|---|---|---|
| 3928 | 2,4-Dichlorophenol | N.D. | 1. | ug/l |



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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | | |
|---|---|---|---|---|---|
| 3946 | 1,2,4-Trichlorobenzene | N.D. | | 1. | ug/l |
| 3947 | Naphthalene | 10. | J | 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 | 4. | J | 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 | 22. | | 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

Poor surrogate recoveries were observed for the GC/MS semivolatile compounds. The analysis was repeated and poor surrogate recoveries were again observed, indicating a significant matrix effect.

==========

| | | | | | |
|---|---|---|---|---|---|
| 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 |
| 3879 | Dibenzofuran | N.D. | | 1. | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 1. | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 3. | J | 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 | 2. | J | 1. | ug/l |
| 3964 | Anthracene | N.D. | | 1. | ug/l |
| 4684 | Carbazole | N.D. | | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | | 1. | ug/l |
| 3967 | Pyrene | N.D. | | 1. | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |

| | | | | |
|---|---|---|---|---|
| 3972 | 3,3'-Dichlorobenzidine | N.D. | 2. | ug/l |



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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 3970 | Benzo(a)anthracene | N.D. | 1. | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 17. | 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 |

==========

Sample Number: WW3282074 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 11/30/99

WLT113099 Trip Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

Sample Number: WW3282075 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: NOT REP
Date Collected: 12/01/99

Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone: 717-656-2300**
**FAX: 717-656-2681**

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

99-271
WL0006
SVOCs

Fax Code: DAI693595 3282073-3282075 10160 885 320 Mr. Ken Vogel

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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/01/99 Date Reported: 12/08/99
Date Collected: 11/30/99

WL0006 Grab Water Sample
Site Code: SC001 RFA# YGOP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| 4678 | TCL SW846 Semivolatiles/Waters | | | | |
| 3925 | Phenol | N.D. | | 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 | 1. | J | 1. | ug/l |
| 3939 | 1,2-Dichlorobenzene | 16. | | 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 | N.D. | | 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 | N.D. | | 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 | 10. | J | 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 | 4. | J | 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 | 29. | | 1. | ug/l |
| 3907 | 2-Nitroaniline | N.D. | | 2. | ug/l |

| | | | | |
|---|---|---|---|---|
| 3952 | Dimethylphthalate | N.D. | 2. | ug/l |



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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 3951 | Acenaphthylene | N.D. | 1. | ug/l |

==========

4679 TCL SW846 Semivolatiles/Waters

Poor surrogate recoveries were observed for the GC/MS semivolatile compounds. The analysis was repeated and poor surrogate recoveries were again observed, indicating a significant matrix effect.

==========

| | | | | | |
|---|---|---|---|---|---|
| 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 |
| 3879 | Dibenzofuran | N.D. | | 1. | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 1. | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 4. | J | 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 | 2. | J | 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 | 2. | J | 1. | ug/l |
| 3964 | Anthracene | N.D. | | 1. | ug/l |
| 4684 | Carbazole | N.D. | | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | | 1. | ug/l |
| 3967 | Pyrene | N.D. | | 1. | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | | 2. | ug/l |
| 3970 | Benzo(a)anthracene | N.D. | | 1. | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 17. | | 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 |

==========

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

Sample Number: WW3282073 Account: 10160 DAIMLERCHRYSLER CORPORATION

1133181

# DAIMLERCHRYSLER Sewer Cleanout — Chain-of-Custody

0650 B

| | | |
|---|---|---|
| Lancaster Laboratories<br>2425 New Holland Pike<br>Lancaster, PA 17601<br>Phone Number: (717) 656-2300<br>Fax Number: (717) 656-2681 | Project Name: Dayton Thermal Products<br>Site Location: Dayton Ohio<br>Site Code: SC 801<br>RFA Number: YGQP9900271<br>DaimlerChrysler PM: Gary Stanczuk | Consultant: Leggette, Brashears & Graham Inc.<br>Address: 1210 W. County Rd E Suite 200<br>St. Paul MN 55112<br>Consultant PM: Ken Vogel<br>Phone: 651-490-1109 Fax: 651-490-1006 |

**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

**Compound List/Parameter/Method/Bottle Type/Preservative**

**Matrix Codes**
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed - Sediment; O - Other (specify): Gas, Oil, Water, Tar, Sludge

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 | VOC, 8260, 40 ml vial, HCl | SVOC, 8270, 1000 ml amber, $Na_2S_2O_3$ | Metals, 6/7000 series, 500 ml plastic | TCL PCB, 8082, $Na_2S_2O_3$ | TCL Pesticide, 8081A, $Na_2S_2O_3$ | Herbicide, 8151A, $Na_2S_2O_3$ | Corrosivity, Chapt. 7, 9040B | Reactivity, Chapt. 7, no preserv. | Ignitability, Chapt. 7, ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL00006 | 11/30/99 | 1210 | G | SW | 10 | X | X | X | X | X | X | X | X | X | waste liquid from Bldg 40 |
| WLT113099 | 11/30/99 | - | - | O | 1 | X | | | | | | | | | |

**Sampler(s)** Mike Plante

Cooler ID # T-300 C00166

Samples Relinquished under Airbill No. 813874857691

Temperature (corrected) ___ C

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| [signature] | 11/30/99 | 1400 | | | | Yes No |
| [signature] | 11/30/99 | 1450 | | | | Yes No |

Is RFA sampling complete? Yes No

SDG 271-C

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

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Electronic Data Deliverables

EPA Region 5 Records Ctr.
350116

JAN 04 2000

## 10160 - DaimlerChrysler Corporation

SDG: DCC78 Dayton Thermal/Dayton, OH

### Sample Reference List for EDD File C3288857.TXT

| Laboratory Sample No. | Sample Description | | Collected |
|---|---|---|---|
| 3288857 | WL0008 Grab Water Sample | Site Code: SC001 RFA# YGQP9900271 D | 12/09/99 18:10 |
| 3288858 | WLT110999 Trip Blank Water Sample | Site Code: SC001 RFA# YGQP9900271 | |
| 3288859 | Water Storage Blank Grab Water Sample | Site Code: SC001 RFA# YGQP9900271 | 12/10/99 12:00 |
| 3288901 | WL0007 Grab Oil Sample | Site Code: SC001 RFA#: YGQP9900277 | 12/09/99 17:00 |

Missing

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JAN 04 2000

**LLI Sample No. WW 3288857**
Collected: 12/09/99 at 18:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | See Page 2 |
| 1751 | Chromium | N.D. | 0.0098 | mg/l |
| 7035 | Arsenic TR | 0.020 | 0.0050 | mg/l |
| 7036 | Selenium TR | N.D. | 0.0044 | mg/l |
| 7046 | Barium TR | 0.205 | 0.00049 | mg/l |
| 7049 | Cadmium TR | N.D. | 0.00081 | mg/l |
| 7053 | Copper TR | 0.0725 | 0.0029 | mg/l |
| 7055 | Lead TR | 0.228 | 0.0079 | mg/l |
| 7066 | Silver TR | N.D. | 0.0017 | mg/l |
| 7072 | Zinc TR | 0.982 | 0.0030 | mg/l |
| 0259 | Mercury | N.D. | 0.00010 | mg/l |
| 0937 | TCL Pesticides in Waters | | | See Page 3 |
| 1316 | AppendixIX Herbicides - Waters | | | See Page 4 |
| 4678 | TCL SW846 Semivolatiles/Waters | | | See Page 5 |
| 4679 | TCL SW846 Semivolatiles/Waters | | | See Page 6 |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |
| 0200 | pH | 7.85 | 0.010 | |
| 0430 | Flash Point for Liquids | No Flash Observed | | Degrees F |
| | No flash observed below 151F. | | | |
| | Test flame extinguished at 103F. | | | |
| | Flash point was determined using Pensky Martens closed cup apparatus. | | | |
| 0496 | Corrosivity | See Below | | See Below |
| | Corrosivity: | | | |
| | The pH of the sample was 7.85 indicating that the sample is not corrosive. | | | |
| | A sample is corrosive if it exhibits a pH equal to or less than 2 or equal to or greater than 12.5. | | | |
| 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. | 39. | mg/kg |

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
19:24:26 D 0001 3 139744 695078
320 0.00 00202400 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

Lancaster Laboratories is a subsidiary of Thermo TerraTech Inc., a Thermo Electron Company.
See reverse side for explanation of symbols and abbreviations.

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**LLI Sample No. WW 3288857**
Collected: 12/09/99 at 18:10 by MP

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

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Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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**LLI Sample No. WW 3288857**
Collected: 12/09/99 at 18:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL Pesticides in Waters | | | | |
| 1600 | Alpha BHC | N.D. | 0.0019 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0019 | ug/l |
| 1603 | Delta BHC | N.D. | 0.0055 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0019 | ug/l |
| 1604 | Heptachlor | N.D. | 0.0019 | ug/l |
| 1605 | Aldrin | N.D. | 0.0019 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0019 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.0019 | ug/l |
| 1610 | Dieldrin | N.D. | 0.0038 | ug/l |
| 1607 | DDE | N.D. | 0.0038 | ug/l |
| 1611 | Endrin | N.D. | 0.0038 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.0038 | ug/l |
| 1608 | DDD | 0.0078 J | 0.0038 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.0038 | ug/l |
| 1609 | DDT | 0.0143 J | 0.0038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.0038 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.0019 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.0019 | ug/l |
| 1613 | Toxaphene | N.D. | 0.28 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.0038 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.095 | ug/l |
| 1620 | PCB-1221 | N.D. | 0.095 | ug/l |
| 1621 | PCB-1232 | N.D. | 0.095 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.095 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.095 | ug/l |
| 1624 | PCB-1254 | N.D. | 0.095 | ug/l |
| 1626 | PCB-1260 | N.D. | 0.095 | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Jenifer E. Hess, B.S.
Group Leader Pesticides/PCBs

Lancaster Laboratories
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**LLI Sample No. WW 3288857**
Collected: 12/09/99 at 18:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| AppendixIX Herbicides - Waters | | | | |
| 0288 | 2,4-D | N.D. | 0.095 | ug/l |
| 1314 | Dinoseb | N.D. | 0.047 | ug/l |
| 0289 | 2,4,5-TP | 0.0275 J | 0.0095 | ug/l |
| 1315 | 2,4,5-T | 0.0166 J | 0.0095 | ug/l |

2,4-D was detected in the method blank associated with this sample at a concentration of .51 ug/l. Since 2,4-D was not detected in the sample, the results were reported.

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WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | |
| 3925 | Phenol | N.D. | 0.9 | ug/l |
| 3936 | bis(2-Chloroethyl)ether | N.D. | 0.9 | ug/l |
| 3924 | 2-Chlorophenol | N.D. | 0.9 | ug/l |
| 3937 | 1,3-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3938 | 1,4-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3939 | 1,2-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 4680 | 2-Methylphenol | N.D. | 0.9 | ug/l |
| 4681 | 2,2'-oxybis(1-Chloropropane) | N.D. | 0.9 | ug/l |
| 4682 | 4-Methylphenol | N.D. | 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. | 0.9 | ug/l |
| 3941 | Hexachloroethane | N.D. | 0.9 | ug/l |
| 3943 | Nitrobenzene | N.D. | 0.9 | ug/l |
| 3944 | Isophorone | N.D. | 0.9 | ug/l |
| 3926 | 2-Nitrophenol | N.D. | 0.9 | ug/l |
| 3927 | 2,4-Dimethylphenol | N.D. | 0.9 | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | 0.9 | ug/l |
| 3928 | 2,4-Dichlorophenol | N.D. | 0.9 | ug/l |
| 3946 | 1,2,4-Trichlorobenzene | N.D. | 0.9 | ug/l |
| 3947 | Naphthalene | N.D. | 0.9 | ug/l |
| 3871 | 4-Chloroaniline | N.D. | 0.9 | ug/l |
| 3948 | Hexachlorobutadiene | N.D. | 2. | ug/l |
| 3929 | 4-Chloro-3-methylphenol | N.D. | 0.9 | ug/l |
| 3905 | 2-Methylnaphthalene | N.D. | 0.9 | 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. | 0.9 | ug/l |
| 3907 | 2-Nitroaniline | N.D. | 2. | ug/l |
| 3952 | Dimethylphthalate | N.D. | 2. | ug/l |
| 3951 | Acenaphthylene | N.D. | 0.9 | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

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**LLI Sample No. WW 3288857**
Collected: 12/09/99 at 18:10 by MP

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | |
| 3908 | 3-Nitroaniline | N.D. | 2. | ug/l |
| 3954 | Acenaphthene | N.D. | 0.9 | ug/l |
| 3931 | 2,4-Dinitrophenol | N.D. | 19. | ug/l |
| 3932 | 4-Nitrophenol | N.D. | 9. | ug/l |
| 3879 | Dibenzofuran | N.D. | 0.9 | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | 0.9 | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | 2. | ug/l |
| 3958 | Diethylphthalate | N.D. | 2. | ug/l |
| 3957 | 4-Chlorophenyl-phenylether | N.D. | 0.9 | ug/l |
| 3956 | Fluorene | N.D. | 0.9 | 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. | 0.9 | 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. | 0.9 | ug/l |
| 3964 | Anthracene | N.D. | 0.9 | ug/l |
| 4684 | Carbazole | N.D. | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | 0.9 | ug/l |
| 3967 | Pyrene | N.D. | 0.9 | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | 2. | ug/l |
| 3970 | Benzo(a)anthracene | N.D. | 0.9 | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | N.D. | 2. | ug/l |
| 3971 | Chrysene | N.D. | 0.9 | ug/l |
| 3974 | Di-n-octylphthalate | N.D. | 2. | ug/l |
| 3975 | Benzo(b)fluoranthene | N.D. | 0.9 | ug/l |
| 3976 | Benzo(k)fluoranthene | N.D. | 0.9 | ug/l |
| 3977 | Benzo(a)pyrene | N.D. | 0.9 | ug/l |
| 3978 | Indeno(1,2,3-cd)pyrene | N.D. | 0.9 | ug/l |
| 3979 | Dibenz(a,h)anthracene | N.D. | 0.9 | ug/l |
| 3980 | Benzo(g,h,i)perylene | N.D. | 0.9 | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

Lancaster Laboratories
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**LLI Sample No. WW 3288857**
Collected: 12/09/99 at 18:10 by MP

Submitted: 12/10/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WL008 SDG#: DCC78-01

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/12/99 2356 | Susan A. McMahon |
| 1751 | Chromium | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 1848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | | 12/14/99 0805 | Julie A. Slaughenhoupt |
| 7035 | Arsenic TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7036 | Selenium TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7046 | Barium TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7049 | Cadmium TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7053 | Copper TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7055 | Lead TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7066 | Silver TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 7072 | Zinc TR | SW-846 6010B | 1 | | 12/14/99 1158 | Jennifer Garrett |
| 0259 | Mercury | SW-846 7470A | 1 | | 12/14/99 1059 | Damary S. Valentin |
| 5713 | WW SW846 Hg Digest | SW-846 7470A | 1 | | 12/13/99 2120 | Nelli S. Markaryan |
| 0816 | Water Sample Herbicide Extract | SW-846 8151A | 1 | | 12/13/99 0030 | Darin P. Wagner |
| 0817 | Water Sample Pest. Extraction | SW-846 3510C | 1 | | 12/13/99 0115 | Sorina A. Haskins |
| 0937 | TCL Pesticides in Waters | SW-846 8081A/8082 | 1 | | 12/13/99 2214 | Douglas D. Seitz |
| 1316 | AppendixIX Herbicides - Waters | SW-846 8151A | 1 | | 12/15/99 1654 | Carolyn J. Koch |
| 0813 | BNA Water Extraction | SW-846 3510C | 1 | | 12/13/99 1010 | Denise L. Trimby |
| 4678 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/13/99 1926 | Jeffrey S. Kochubka |
| 4679 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/13/99 1926 | Jeffrey S. Kochubka |
| 1123 | Cyanide (Reactivity) | SW-846 9012 | 1 | | 12/13/99 1915 | Venia M. McFadden |
| 0200 | pH | EPA 150.1 | 1 | | 12/11/99 1045 | Daniel S. Smith |
| 0430 | Flash Point for Liquids | ASTM D 93-90 | 1 | | 12/14/99 1025 | Susan A. Engle |
| 1121 | Reactivity | SW-846 Chapter 7.3 | 1 | | 12/13/99 0940 | Susan E. Hibner |
| 1122 | Sulfide (Reactivity) | SW-846 9034 | 1 | | 12/13/99 0940 | Susan E. Hibner |

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**LLI Sample No. 3288857**
WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: R993461AA | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 111 | 113 | 1 | 95 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 110 | 104 | 6 | 91 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 117 | 2 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 118 | 116 | 2 | 102 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 140 | 136 | 3 | 112 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 109 | 108 | 1 | 97 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 137 | 137 | 0 | 114 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | -5813 | -7699 (2) | 21 | 117 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 88 | 4 | 113 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 117 | 113 | 3 | 103 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 77 | 75 | 1 | 113 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 95 | 5 | 84 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | -161 | -257 (2) | 14 | 109 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 139 | 134 | 4 | 108 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 114 | 4 | 99 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 104 | 101 | 3 | 95 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 112 | 112 | 0 | 94 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 106 | 103 | 3 | 92 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 103 | 4 | 99 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 1 | 99 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 120 | 120 | 0 | 98 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 114 | 109 | 4 | 96 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 104 | 4 | 89 | | | 83 | 120 |

(2) The background result was more than four times the spike added.

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**LLI Sample No. 3288857**
WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 Bromoform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 106 | 103 | 3 | 96 | | | 65 | 128 |
| 6308 4-Methyl-2-pentanone | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 106 | 101 | 5 | 89 | | | 72 | 131 |
| 6309 2-Hexanone | | | | | | | | | | | |
| 7. | ug/l | N.D. | | 107 | 103 | 4 | 92 | | | 64 | 131 |
| 5409 Tetrachloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 122 | 126 | 3 | 103 | | | 78 | 144 |
| 5407 Toluene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 118 | 117 | 0 | 97 | | | 89 | 121 |
| 5413 Chlorobenzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 116 | 113 | 3 | 99 | | | 91 | 120 |
| 5415 Ethylbenzene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 121 | 121 | 0 | 101 | | | 91 | 122 |
| 5418 Styrene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 117 | 115 | 2 | 103 | | | 92 | 120 |
| 6310 Xylene (Total) | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 120 | 1 | 102 | | | 92 | 123 |
| 5392 trans-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 134 | 128 | 4 | 118 | | | 85 | 130 |
| 5395 cis-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 110 | 4 | 102 | | | 89 | 125 |
| 1751 Chromium | | Batch: 993481848001 | | | | | | | | | |
| 0.0098 | mg/l | N.D. | 0 (1) | 102 | 101 | 1 | 100 | | | 80 | 120 |
| 7035 Arsenic TR | | Batch: 993481848001 | | | | | | | | | |
| 0.0050 | mg/l | N.D. | 0 (1) | 99 | 100 | 0 | 100 | | | 80 | 120 |
| 7036 Selenium TR | | Batch: 993481848001 | | | | | | | | | |
| 0.0044 | mg/l | N.D. | 0 (1) | 97 | 99 | 1 | 99 | | | 80 | 120 |
| 7046 Barium TR | | Batch: 993481848001 | | | | | | | | | |
| 0.00049 | mg/l | 0.00074J mg/l | 1 | 101 | 102 | 0 | 101 | | | 80 | 120 |
| 7049 Cadmium TR | | Batch: 993481848001 | | | | | | | | | |
| 0.00081 | mg/l | N.D. | 0 (1) | 101 | 101 | 1 | 103 | | | 80 | 120 |
| 7053 Copper TR | | Batch: 993481848001 | | | | | | | | | |
| 0.0029 | mg/l | N.D. | 3 | 104 | 103 | 1 | 101 | | | 80 | 120 |
| 7055 Lead TR | | Batch: 993481848001 | | | | | | | | | |
| 0.0079 | mg/l | N.D. | 2 | 99 | 100 | 0 | 102 | | | 80 | 120 |
| 7066 Silver TR | | Batch: 993481848001 | | | | | | | | | |
| 0.0017 | mg/l | N.D. | 0 (1) | 103 | 103 | 0 | 102 | | | 80 | 120 |
| 7072 Zinc TR | | Batch: 993481848001 | | | | | | | | | |
| 0.0030 | mg/l | N.D. | 0 | 96 | 92 | 1 | 101 | | | 80 | 120 |
| 0259 Mercury | | Batch: 993475713001 | | | | | | | | | |
| 0.00010 | mg/l | N.D. | 0 (1) | 99 | 96 | 3 | 100 | | | 80 | 120 |
| 0937 TCL Pesticides in Waters | | Batch: 993450002A | | | | | | | | | |
| 1600 Alpha BHC | | | | | | | | | | | |
| 0.0019 | ug/l | N.D. | | | | | 111 | 112 | 1 | 49 | 151 |
| 1601 Beta BHC | | | | | | | | | | | |
| 0.0019 | ug/l | N.D. | | | | | 115 | 115 | 1 | 64 | 122 |

(1) The result for one or both determinations was less than five times the LOQ.

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**LLI Sample No. 3288857**
WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1603 Delta BHC | 0.0055 | ug/l | N.D. | | | | | 121 | 119 | 1 | 64 | 132 |
| 1602 Gamma BHC - Lindane | 0.0019 | ug/l | N.D. | | | | | 115 | 116 | 1 | 57 | 143 |
| 1604 Heptachlor | 0.0019 | ug/l | N.D. | | | | | 83 | 86 | 3 | 38 | 129 |
| 1605 Aldrin | 0.0019 | ug/l | N.D. | | | | | 79 | 81 | 3 | 42 | 112 |
| 1606 Heptachlor Epoxide | 0.0019 | ug/l | N.D. | | | | | 109 | 108 | 1 | 52 | 136 |
| 1616 Endosulfan I | 0.0019 | ug/l | N.D. | | | | | 98 | 99 | 1 | 37 | 146 |
| 1610 Dieldrin | 0.0038 | ug/l | N.D. | | | | | 98 | 99 | 2 | 50 | 145 |
| 1607 DDE | 0.0038 | ug/l | N.D. | | | | | 98 | 100 | 2 | 46 | 140 |
| 1611 Endrin | 0.0038 | ug/l | N.D. | | | | | 114 | 117 | 3 | 68 | 156 |
| 1615 Endosulfan II | 0.0038 | ug/l | N.D. | | | | | 107 | 109 | 1 | 42 | 143 |
| 1608 DDD | 0.0038 | ug/l | N.D. | | | | | 102 | 102 | 0 | 60 | 134 |
| 1617 Endosulfan Sulfate | 0.0038 | ug/l | N.D. | | | | | 111 | 116 | 4 | 67 | 132 |
| 1609 DDT | 0.0038 | ug/l | N.D. | | | | | 107 | 109 | 1 | 34 | 162 |
| 0938 Endrin Ketone | 0.0038 | ug/l | N.D. | | | | | 113 | 113 | 0 | 74 | 115 |
| 1860 Methoxychlor | 0.019 | ug/l | N.D. | | | | | 142 | 147 | 4 | 72 | 160 |
| 1361 Alpha Chlordane | 0.0019 | ug/l | N.D. | | | | | 107 | 108 | 1 | 70 | 117 |
| 1362 Gamma Chlordane | 0.0019 | ug/l | N.D. | | | | | 96 | 97 | 1 | 60 | 107 |
| 1613 Toxaphene | 0.28 | ug/l | N.D. | | | | | | | | | |
| 1618 Endrin Aldehyde | 0.0038 | ug/l | N.D. | | | | | 93 | 93 | 0 | 52 | 142 |
| 1619 PCB-1016 | 0.095 | ug/l | N.D. | | | | | | | | | |
| 1620 PCB-1221 | 0.095 | ug/l | N.D. | | | | | | | | | |
| 1621 PCB-1232 | 0.095 | ug/l | N.D. | | | | | | | | | |
| 1622 PCB-1242 | 0.095 | ug/l | N.D. | | | | | | | | | |
| 1623 PCB-1248 | 0.095 | ug/l | N.D. | | | | | | | | | |
| 1624 PCB-1254 | 0.095 | ug/l | N.D. | | | | | | | | | |

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**LLI Sample No. 3288857**
WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1626 PCB-1260 | | | | | | | | | | | |
| 0.095 | ug/l | N.D. | | | | | | | | | |
| 1316 AppendixIX Herbicides - Waters | | Batch: 993450004A | | | | | | | | | |
| 0288 2,4-D | | | | | | | | | | | |
| 0.095 | ug/l | 0.51 ug/l | | | | | 84 | 109 | 26 | 36 | 168 |
| 1314 Dinoseb | | | | | | | | | | | |
| 0.047 | ug/l | N.D. | | | | | 39 | 45 | 14 | 14 | 108 |
| 0289 2,4,5-TP | | | | | | | | | | | |
| 0.0095 | ug/l | N.D. | | | | | 84 | 123 | 37 | 33 | 161 |
| 1315 2,4,5-T | | | | | | | | | | | |
| 0.0095 | ug/l | 0.012 J ug/l | | | | | 80 | 148 | 59 | 59 | 156 |
| 4678 TCL SW846 Semivolatiles/Waters | | Batch: 99347WAA026 | | | | | | | | | |
| 3925 Phenol | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 38 | 25 | 41 | 44 | | | 29 | 64 |
| 3936 bis(2-Chloroethyl)ether | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 103 | 99 | 4 | 105 | | | 61 | 122 |
| 3924 2-Chlorophenol | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 59 | 39 | 42 | 92 | | | 61 | 123 |
| 3937 1,3-Dichlorobenzene | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 76 | 75 | 1 | 67 | | | 43 | 104 |
| 3938 1,4-Dichlorobenzene | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 76 | 76 | 1 | 68 | | | 39 | 109 |
| 3939 1,2-Dichlorobenzene | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 80 | 76 | 5 | 70 | | | 48 | 111 |
| 4680 2-Methylphenol | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 76 | 48 | 45 | 89 | | | 50 | 117 |
| 4681 2,2'-oxybis(1-Chloropropane) | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 100 | 93 | 7 | 98 | | | 54 | 149 |
| 4682 4-Methylphenol | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 67 | 43 | 44 | 84 | | | 47 | 112 |
| 3942 N-Nitroso-di-n-propylamine | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 99 | 92 | 7 | 103 | | | 52 | 141 |
| 3941 Hexachloroethane | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 78 | 75 | 3 | 70 | | | 25 | 96 |
| 3943 Nitrobenzene | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 100 | 94 | 6 | 102 | | | 58 | 126 |
| 3944 Isophorone | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 91 | 85 | 7 | 96 | | | 66 | 123 |
| 3926 2-Nitrophenol | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 53 | 36 | 40 | 94 | | | 61 | 133 |
| 3927 2,4-Dimethylphenol | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 94 | 72 | 27 | 103 | | | 62 | 124 |
| 3945 bis(2-Chloroethoxy)methane | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 102 | 90 | 12 | 100 | | | 57 | 125 |
| 3928 2,4-Dichlorophenol | | | | | | | | | | | |
| 0.9 | ug/l | N.D. | | 57 | 36 | 45 | 95 | | | 57 | 122 |

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WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3946 1,2,4-Trichlorobenzene | 0.9 | ug/l | N.D. | | 87 | 81 | 8 | 79 | | | 47 | 107 |
| 3947 Naphthalene | 0.9 | ug/l | N.D. | | 87 | 82 | 5 | 80 | | | 57 | 113 |
| 3871 4-Chloroaniline | 0.9 | ug/l | N.D. | | 29 | 74 | 88 | 80 | | | 30 | 123 |
| 3948 Hexachlorobutadiene | 2. | ug/l | N.D. | | 73 | 69 | 7 | 66 | | | 19 | 95 |
| 3929 4-Chloro-3-methylphenol | 0.9 | ug/l | N.D. | | 72 | 43 | 50 | 104 | | | 63 | 128 |
| 3905 2-Methylnaphthalene | 0.9 | ug/l | N.D. | | 89 | 81 | 10 | 85 | | | 42 | 131 |
| 3949 Hexachlorocyclopentadiene | 5. | ug/l | N.D. | | 76 | 70 | 9 | 71 | | | 6 | 89 |
| 3930 2,4,6-Trichlorophenol | 2. | ug/l | N.D. | | 59 | 36 | 50 | 96 | | | 57 | 134 |
| 3922 2,4,5-Trichlorophenol | 2. | ug/l | N.D. | | 57 | 36 | 46 | 94 | | | 61 | 131 |
| 3950 2-Chloronaphthalene | 0.9 | ug/l | N.D. | | 97 | 86 | 12 | 90 | | | 60 | 116 |
| 3907 2-Nitroaniline | 2. | ug/l | N.D. | | 95 | 92 | 4 | 94 | | | 49 | 131 |
| 3952 Dimethylphthalate | 2. | ug/l | N.D. | | 101 | 88 | 13 | 74 | | | 1 | 103 |
| 3951 Acenaphthylene | 0.9 | ug/l | N.D. | | 91 | 85 | 8 | 89 | | | 62 | 113 |
| 4679 TCL SW846 Semivolatiles/Waters | | | Batch: 99347WAA026 | | | | | | | | | |
| 3908 3-Nitroaniline | 2. | ug/l | N.D. | | 37 | 81 | 75 | 89 | | | 26 | 141 |
| 3954 Acenaphthene | 0.9 | ug/l | N.D. | | 93 | 86 | 8 | 93 | | | 60 | 117 |
| 3931 2,4-Dinitrophenol | 19. | ug/l | N.D. | | 43 | 26 | 52 | 71 | | | 18 | 135 |
| 3932 4-Nitrophenol | 9. | ug/l | N.D. | | 33 | 21 | 42 | 39 | | | 20 | 79 |
| 3879 Dibenzofuran | 0.9 | ug/l | N.D. | | 95 | 85 | 11 | 91 | | | 71 | 113 |
| 3955 2,4-Dinitrotoluene | 0.9 | ug/l | N.D. | | 101 | 92 | 10 | 96 | | | 62 | 129 |
| 3953 2,6-Dinitrotoluene | 2. | ug/l | N.D. | | 111 | 99 | 11 | 107 | | | 68 | 126 |
| 3958 Diethylphthalate | 2. | ug/l | N.D. | | 100 | 91 | 10 | 92 | | | 18 | 120 |
| 3957 4-Chlorophenyl-phenylether | 0.9 | ug/l | N.D. | | 95 | 85 | 11 | 94 | | | 60 | 121 |
| 3956 Fluorene | 0.9 | ug/l | N.D. | | 96 | 88 | 8 | 93 | | | 62 | 127 |

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WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3909 | 4-Nitroaniline | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 78 | 85 | 9 | 88 | | | 69 | 121 |
| 3933 | 4,6-Dinitro-2-methylphenol | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 51 | 33 | 43 | 97 | | | 31 | 150 |
| 3960 | N-Nitrosodiphenylamine | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 102 | 99 | 3 | 103 | | | 61 | 125 |
| 3961 | 4-Bromophenyl-phenylether | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 92 | 86 | 7 | 91 | | | 65 | 123 |
| 3962 | Hexachlorobenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 93 | 88 | 6 | 95 | | | 59 | 129 |
| 3934 | Pentachlorophenol | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | 44 | 26 | 52 | 84 | | | 36 | 135 |
| 3963 | Phenanthrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 99 | 92 | 7 | 101 | | | 69 | 121 |
| 3964 | Anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 102 | 93 | 9 | 101 | | | 67 | 121 |
| 4684 | Carbazole | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | 103 | 95 | 8 | 99 | | | 78 | 115 |
| 3965 | Di-n-butylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 102 | 94 | 8 | 101 | | | 58 | 125 |
| 3966 | Fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 94 | 89 | 5 | 97 | | | 66 | 124 |
| 3967 | Pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 107 | 101 | 6 | 100 | | | 63 | 125 |
| 3969 | Butylbenzylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 109 | 102 | 7 | 106 | | | 43 | 126 |
| 3972 | 3,3'-Dichlorobenzidine | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 35 | 74 | 71 | 71 | | | 15 | 140 |
| 3970 | Benzo(a)anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 92 | 91 | 2 | 95 | | | 67 | 120 |
| 3973 | bis(2-Ethylhexyl)phthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 105 | 103 | 3 | 105 | | | 64 | 129 |
| 3971 | Chrysene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 97 | 92 | 6 | 96 | | | 67 | 121 |
| 3974 | Di-n-octylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 108 | 99 | 9 | 109 | | | 68 | 138 |
| 3975 | Benzo(b)fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 88 | 79 | 11 | 89 | | | 64 | 120 |
| 3976 | Benzo(k)fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 95 | 90 | 5 | 97 | | | 68 | 124 |
| 3977 | Benzo(a)pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 94 | 86 | 10 | 93 | | | 68 | 124 |
| 3978 | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 93 | 87 | 7 | 95 | | | 65 | 129 |
| 3979 | Dibenz(a,h)anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 93 | 86 | 8 | 95 | | | 66 | 128 |
| 3980 | Benzo(g,h,i)perylene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | 92 | 85 | 8 | 94 | | | 66 | 128 |
| 1123 | Cyanide (Reactivity) | | Batch: 99347104201 | | | | | | | | | |
| | 100. | mg/kg | N.D. | | 25 | 30 | 15 | 109 | | | 88 | 121 |

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WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0200 pH | | | Batch: 993450237020000A | | | | | | | | | |
| | 0.010 | | | 0 | | | | 100 | 100 | 0 | 98 | 102 |
| 0430 Flash Point for Liquids | | Degrees F | Batch: 993480227043000A | | | | | 102 | 98 | 4 | 97 | 103 |
| 1121 Reactivity | | see below | Batch: 993470416112100A | | | | | | | | | |
| 1122 Sulfide (Reactivity) | 39. | mg/kg | Batch: 993470416112100A N.D. | | 87 | 83 | 4 | 88 | | | 80 | 120 |

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**LLI Sample No. 3288857**
WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 0937 TCL Pesticides in Waters | TCX | 115 | 36 | 121 |
| | DCB | 103 | 19 | 153 |
| 1316 AppendixIX Herbicides - Waters | DCAA | 49 | 37 | 151 |
| 4678 TCL SW846 Semivolatiles/Waters | 2-Flphenol | 48 | 15 | 113 |
| | Phenol-d6 | 33 | 9 | 77 |
| | 2,4,6-TBP | 60 | 32 | 157 |
| 4679 TCL SW846 Semivolatiles/Waters | Nitrobz-d5 | 93 | 55 | 130 |
| | 2-Fbiphnyl | 88 | 57 | 117 |
| | Tphenyld14 | 60 | 42 | 139 |
| 6291 TCL by 8260 (water) | DBFM | 97 | 86 | 118 |
| | d4-1,2-DCA | 91 | 80 | 120 |
| | d8-toluene | 94 | 88 | 110 |
| | 4-BFB | 99 | 86 | 115 |

Lancaster Laboratories
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JAN 0 4 2000



**LLI Sample No. WW 3288858**
Collected:

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT99 SDG#: DCC78-02TB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
19:25:55 D 0001 3 139744 695078
320 0.00 00029900 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3288858**
Collected:

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT99 SDG#: DCC78-02TB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

&&&

Analysis Report

LABORATORY CHRONICLE

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**LLI Sample No. WW 3288858**
Collected:

Submitted: 12/10/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT99 SDG#: DCC78-02TB

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/13/99 0023 | Susan A. McMahon |

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**LLI Sample No. 3288858**
WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: R993461AA | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 111 | 113 | 1 | 95 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 110 | 104 | 6 | 91 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 117 | 2 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 118 | 116 | 2 | 102 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 140 | 136 | 3 | 112 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 109 | 108 | 1 | 97 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 137 | 137 | 0 | 114 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | -5813 | -7699 (2) | 21 | 117 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 88 | 4 | 113 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 117 | 113 | 3 | 103 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 77 | 75 | 1 | 113 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 95 | 5 | 84 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | -161 | -257 (2) | 14 | 109 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 139 | 134 | 4 | 108 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 114 | 4 | 99 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 104 | 101 | 3 | 95 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 112 | 112 | 0 | 94 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 106 | 103 | 3 | 92 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 103 | 4 | 99 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 1 | 99 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 120 | 120 | 0 | 98 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 114 | 109 | 4 | 96 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 104 | 4 | 89 | | | 83 | 120 |

(2) The background result was more than four times the spike added.

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**LLI Sample No. 3288858**
WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 106 | 103 | 3 | 96 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 106 | 101 | 5 | 89 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 107 | 103 | 4 | 92 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 122 | 126 | 3 | 103 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 118 | 117 | 0 | 97 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 116 | 113 | 3 | 99 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 121 | 121 | 0 | 101 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 117 | 115 | 2 | 103 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 119 | 120 | 1 | 102 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 134 | 128 | 4 | 118 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 115 | 110 | 4 | 102 | | | 89 | 125 |

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**LLI Sample No. 3288858**
WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

SURROGATE SUMMARY

| | TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | DBFM | 98 | 86 | 118 |
| | | d4-1,2-DCA | 92 | 80 | 120 |
| | | d8-toluene | 94 | 88 | 110 |
| | | 4-BFB | 98 | 86 | 115 |

JAN 04 2000

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**LLI Sample No. WW 3288859**
Collected: 12/10/99 at 12:00 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
LTISB SDG#: DCC78-03SB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
19:26:20 D 0001 3 139744 695078
320 0.00 00000000 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3288859**
Collected: 12/10/99 at 12:00 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/10/99 Reported: 12/17/99
Discard: 02/16/00

Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
LT1SB SDG#: DCC78-03SB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3288859**
Collected: 12/10/99 at 12:00 by LAB

Submitted: 12/10/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
LT1SB SDG#: DCC78-03SB*

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/13/99 0427 | Susan A. McMahon |

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**LLI Sample No. 3288859**
Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: R993461AA | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 111 | 113 | 1 | 95 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 110 | 104 | 6 | 91 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 117 | 2 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 118 | 116 | 2 | 102 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 140 | 136 | 3 | 112 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 109 | 108 | 1 | 97 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 137 | 137 | 0 | 114 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | -5813 | -7699 (2) | 21 | 117 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 88 | 4 | 113 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 117 | 113 | 3 | 103 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 77 | 75 | 1 | 113 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 95 | 5 | 84 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | -161 | -257 (2) | 14 | 109 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 139 | 134 | 4 | 108 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 119 | 114 | 4 | 99 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 104 | 101 | 3 | 95 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 112 | 112 | 0 | 94 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 106 | 103 | 3 | 92 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 103 | 4 | 99 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 115 | 114 | 1 | 99 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 120 | 120 | 0 | 98 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 114 | 109 | 4 | 96 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 104 | 4 | 89 | | | 83 | 120 |

(2) The background result was more than four times the spike added.

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**LLI Sample No. 3288859**
Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 106 | 103 | 3 | 96 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 106 | 101 | 5 | 89 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 107 | 103 | 4 | 92 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 122 | 126 | 3 | 103 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 118 | 117 | 0 | 97 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 116 | 113 | 3 | 99 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 121 | 121 | 0 | 101 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 117 | 115 | 2 | 103 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 119 | 120 | 1 | 102 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 134 | 128 | 4 | 118 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 115 | 110 | 4 | 102 | | | 89 | 125 |

Lancaster Laboratories
*Where quality is a science.*



**LLI Sample No. 3288859**
Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695078
DaimlerChrysler Corporation

SURROGATE SUMMARY

| | TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | DBFM | 97 | 86 | 118 |
| | | d4-1,2-DCA | 91 | 80 | 120 |
| | | d8-toluene | 94 | 88 | 110 |
| | | 4-BFB | 97 | 86 | 115 |

Aut 10160 3288857-59

# DAIMLERCHRYSLER Sewer Cleanout Chain-of-Custody

0661 B

| | | |
|---|---|---|
| Lancaster Laboratories<br>2425 New Holland Pike<br>Lancaster, PA 17601 JAN 04 2000<br>Phone Number: (717) 656-2300<br>Fax Number: (717) 656-2681 | Project Name: Dayton Thermal Products<br>Site Location: Dayton Ohio<br>Site Code: SC001<br>RFA Number: YGQP9900271<br>DaimlerChrysler PM: Gary Stanczuk | Consultant: Leggette Brashears + Graham<br>Address: 1210 W Cnty Rd E Suite 700<br>St. Paul MN 55112<br>Consultant PM Ken Vogel<br>Phone: 651-490-1405 Fax: 651-490-1006 |

**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) DI Water

*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 | VOC, 8260, 40ml vom, HCl | SVOC, 8270, 1000 ml amber, $Na_2S_2O_3$ | MI Metals, 6/2000 Series, 500ml plastic | TCL PCB, 8082 $Na_2S_2O_3$ | TCL Pest, 8081A $Na_2S_2O_3$ | Herbacide, 8151A $Na_2S_2O_3$ | Corrosivity, Chapt 7, 9040B | Reactivity, Chapt 7, 9040B | Ignitab, 1.7, Chapt 7, ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL0008 | 12/9/99 | 1810 | G | GW | 10 | X | X | X | X | X | X | X | X | X | (water from storm near webster st.) |
| WLT110999 | — | — | — | O | 1 | X | | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Sampler(s) Mike Plante | Cooler ID # C01905 | | | Samples Relinquished under Airbill No. 813874857603 | | Temperature (corrected) 3 C |
| | Relinquished by: MC Plante | Date: 12/9/99 | Time: 1900 | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes No | Relinquished by: | Date: | Time: | Received for Laboratory by: Denny Clark | Date: 12/10/99 | Time: 0940 | Custody Seal Intact? Yes No |

SDG 271-D

*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

Lancaster Laboratories
A division of Thermo Analytical Inc.
Where quality is a science.

# FAX Cover Page

**Pages:** 8

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

**Phone: 717-656-2300**
**FAX: 717-656-2681**

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATION

**Fax #:** 16514901006

**From:** Kathy Klinefelter Ext.1566

**Message:**

99-271 D

WLC008

RFA-271 D

Have:
Corros.
Pest
PCB
React
SVOC
VOC
Metals
Ignit.
Herb
Complete

Need:
~~Herb~~
~~Ignit~~

Fax Code: DAI695078 3288857-3288859 10160 885 320 Mr. Ken Vogel

Faxed to CFH @ Dayton Trailer

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

Sample Number: WW3280857 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/10/99 Date Reported: NOT REP
Date Collected: 12/09/99

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGOP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0200 | pH | 7.85 | 0.010 | |
| 0259 | Mercury | N.D. | 0.00010 | mg/l |
| 0430 | Flash Point for Liquids | No Flash Observed | | Degrees F |

No flash observed below 151F.
Test flame extinguished at 103F.
Flash point was determined using Pensky Martens closed cup apparatus.
==========

| | | | | |
|---|---|---|---|---|
| 0496 | Corrosivity | See Below | | See Below |

Corrosivity:
The pH of the sample was 7.85 indicating
that the sample is not corrosive.
A sample 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 | | | |
| 1600 | Alpha BHC | N.D. | 0.0019 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0019 | ug/l |
| 1603 | Delta BHC | N.D. | 0.0055 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0019 | ug/l |
| 1604 | Heptachlor | N.D. | 0.0019 | ug/l |
| 1605 | Aldrin | N.D. | 0.0019 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0019 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.0019 | ug/l |
| 1610 | Dieldrin | N.D. | 0.0038 | ug/l |
| 1607 | DDE | N.D. | 0.0038 | ug/l |
| 1611 | Endrin | N.D. | 0.0038 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.0038 | ug/l |
| 1608 | DDD | 0.0078 J | 0.0038 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.0038 | ug/l |
| 1609 | DDT | 0.0143 J | 0.0038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.0038 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |

| | | | | |
|---|---|---|---|---|
| 1361 | Alpha Chlordane | N.D. | 0.0019 | ug/l |



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

Sample Number: WW3288857 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 1362 | Gamma Chlordane | N.D. | 0.0019 | ug/l |
| 1613 | Toxaphene | N.D. | 0.28 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.0038 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.095 | ug/l |
| 1620 | PCB-1221 | N.D. | 0.095 | ug/l |
| 1621 | PCB-1232 | N.D. | 0.095 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.095 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.095 | ug/l |
| 1624 | PCB-1254 | N.D. | 0.095 | ug/l |
| 1626 | PCB-1260 | N.D. | 0.095 | ug/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. | 39. | mg/kg |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |
| 1751 | Chromium | N.D. | 0.0098 | mg/l |
| 4678 | TCL SW846 Semivolatiles/Waters | | | |
| 3925 | Phenol | N.D. | 0.9 | ug/l |
| 3936 | bis(2-Chloroethyl)ether | N.D. | 0.9 | ug/l |
| 3924 | 2-Chlorophenol | N.D. | 0.9 | ug/l |
| 3937 | 1,3-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3938 | 1,4-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3939 | 1,2-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 4680 | 2-Methylphenol | N.D. | 0.9 | ug/l |
| 4681 | 2,2'-oxybis(1-Chloropropane) | N.D. | 0.9 | ug/l |
| 4682 | 4-Methylphenol | N.D. | 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. | 0.9 | ug/l |
| 3941 | Hexachloroethane | N.D. | 0.9 | ug/l |
| 3943 | Nitrobenzene | N.D. | 0.9 | ug/l |
| 3944 | Isophorone | N.D. | 0.9 | ug/l |
| 3926 | 2-Nitrophenol | N.D. | 0.9 | ug/l |
| 3927 | 2,4-Dimethylphenol | N.D. | 0.9 | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | 0.9 | ug/l |
| 3928 | 2,4-Dichlorophenol | N.D. | 0.9 | ug/l |

| | | | | |
|---|---|---|---|---|
| 3946 | 1,2,4-Trichlorobenzene | N.D. | 0.9 | ug/l |



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

Sample Number: WW3288857 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 3947 | Naphthalene | N.D. | 0.9 | ug/l |
| 3871 | 4-Chloroaniline | N.D. | 0.9 | ug/l |
| 3948 | Hexachlorobutadiene | N.D. | 2. | ug/l |
| 3929 | 4-Chloro-3-methylphenol | N.D. | 0.9 | ug/l |
| 3905 | 2-Methylnaphthalene | N.D. | 0.9 | 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. | 0.9 | ug/l |
| 3907 | 2-Nitroaniline | N.D. | 2. | ug/l |
| 3952 | Dimethylphthalate | N.D. | 2. | ug/l |
| 3951 | Acenaphthylene | N.D. | 0.9 | ug/l |

==========

| | | | | |
|---|---|---|---|---|
| 4679 | TCL SW846 Semivolatiles/Waters | | | |
| 3908 | 3-Nitroaniline | N.D. | 2. | ug/l |
| 3954 | Acenaphthene | N.D. | 0.9 | ug/l |
| 3931 | 2,4-Dinitrophenol | N.D. | 19. | ug/l |
| 3932 | 4-Nitrophenol | N.D. | 9. | ug/l |
| 3879 | Dibenzofuran | N.D. | 0.9 | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | 0.9 | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | 2. | ug/l |
| 3958 | Diethylphthalate | N.D. | 2. | ug/l |
| 3957 | 4-Chlorophenyl-phenylether | N.D. | 0.9 | ug/l |
| 3956 | Fluorene | N.D. | 0.9 | 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. | 0.9 | 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. | 0.9 | ug/l |
| 3964 | Anthracene | N.D. | 0.9 | ug/l |
| 4684 | Carbazole | N.D. | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | 0.9 | ug/l |
| 3967 | Pyrene | N.D. | 0.9 | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | 2. | ug/l |
| 3970 | Benzo(a)anthracene | N.D. | 0.9 | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | N.D. | 2. | ug/l |
| 3971 | Chrysene | N.D. | 0.9 | ug/l |
| 3974 | Di-n-octylphthalate | N.D. | 2. | ug/l |
| 3975 | Benzo(b)fluoranthene | N.D. | 0.9 | ug/l |

| | | | | |
|---|---|---|---|---|
| 3976 | Benzo(k)fluoranthene | N.D. | 0.9 | ug/l |



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

Sample Number: WW3288857 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 3977 | Benzo(a)pyrene | N.D. | 0.9 | ug/l |
| 3978 | Indeno(1,2,3-cd)pyrene | N.D. | 0.9 | ug/l |
| 3979 | Dibenz(a,h)anthracene | N.D. | 0.9 | ug/l |
| 3980 | Benzo(g,h,i)perylene | N.D. | 0.9 | ug/l |

==========

| | | | | |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

==========

| | | | | |
|---|---|---|---|---|
| 7035 | Arsenic TR | 0.020 | 0.0050 | mg/l |
| 7036 | Selenium TR | N.D. | 0.0044 | mg/l |
| 7046 | Barium TR | 0.205 | 0.00049 | mg/l |
| 7049 | Cadmium TR | N.D. | 0.00081 | mg/l |
| 7053 | Copper TR | 0.0725 | 0.0029 | mg/l |
| 7055 | Lead TR | 0.228 | 0.0079 | mg/l |

| | | | | |
|---|---|---|---|---|
| 7066 | *Silver TR | N.D. | 0.0017 | mg/l |



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

Sample Number: WW3288857 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 7072 | Zinc TR | 0.982 | 0.0030 | mg/l |

Sample Number: WW3288858 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/10/99 Date Reported: NOT REP
Date Collected:

WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |

5395. *cis-1,2-Dichloroethene N.D. 2. ug/l



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

Sample Number: WW3288858 Account: 10160 DAIMLERCHRYSLER CORPORATION

==========

Sample Number: WW3288859 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/10/99 Date Reported: NOT REP
Date Collected: 12/10/99

Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |

5392 * trans-1,2-Dichloroethene N.D. 2. ug/l



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

Sample Number: WW3288859 Account: 10160 DAIMLERCHRYSLER CORPORATION

5395 cis-1,2-Dichloroethene N.D. 2. ug/l

==========

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# FAX Cover Page

**Pages 3**

CONFIDENTIAL MATERIAL

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

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

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATIO

**Fax:** 16514901006

**From:** Kathy Klinefelter Ext 1566

**Message:**

WL0008

Herb

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

Sample Number: WW3288857 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/10/99 Date Reported: NOT REP
Date Collected: 12/09/99

WL0008 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 1316 | AppendixIX Herbicides - Waters | | | |

2,4-D was detected in the method blank associated with this sample at a concentration of .51 ug/l. Since 2,4-D was not detected in the sample, the results were reported.

==========

| | | | | |
|---|---|---|---|---|
| 0288 | 2,4-D | N.D. | 0.095 | ug/l |
| 1314 | Dinoseb | N.D. | 0.047 | ug/l |
| 0289 | 2,4,5-TP | 0.0275 J | 0.0095 | ug/l |
| 1315 | 2,4,5-T | 0.0166 J | 0.0095 | ug/l |

==========

Sample Number: WW3288858 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/10/99 Date Reported: NOT REP
Date Collected:

WLT110999 Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

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

Sample Number: WW3288859 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/10/99 Date Reported: NOT REP
Date Collected: 12/10/99

Water Storage Blank Grab Water Sample
Site Code: SC001 RFA# YG0P9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

# DAIMLERCHRYSLER — Sewer Cleanout — Chain-of-Custody

0661 B

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601
Phone Number: (717) 656-2300
Fax Number: (717) 656-2681

Project Name: Dayton Thermal Products
Site Location: Dayton Ohio
Site Code: SC001
RFA Number: 4GGP990271
DaimlerChrysler PM: Gary Starczuk

Consultant: Leagette Brashears + Graham
Address: 1210 W Cnty Rd E Suite 200
St. Paul MN 55112
Consultant PM: Ken Vogel
Phone: 651-490-1405 Fax: 651-490-0006

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) DI Water

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 | VOC, 8260, HCl | Semi, 8270, 1000 ml amber, $Na_2S_2O_3$ | MI Metals, 6/7000 Series, 500 ml plastic | TCL PCB, 8082 $Na_2S_2O_3$ | TCL Pest, 8081A $Na_2S_2O_3$ | Herbicides, 8151A $Na_2S_2O_3$ | Corrosivity, Chapt 7, 9040B | Reactivity, Chapt 7, 9010B | Ignitability, Chapt 7, ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL0008 | 12/7/99 | 1810 | G | GW | 10 | X | X | X | X | X | X | X | X | X | (water from storm near |
| WLT110999 | – | – | – | O | 1 | X | | | | | | | | | Webster St.) |

Sampler(s): Mike Plante

Cooler ID #: C01905

Samples Relinquished under Airbill No.: 8138748576 03

Temperature (corrected) ___ C

| Relinquished by | Date | Time | Received by | Date | Time | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| M. Plante | 12/7/99 | 1900 | | | | Yes No |
| | | | | | | Yes No |

Is RFA sampling complete? Yes No

SDG 271-D

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

| MP_ID | DATESAMP | ANLYZD | RECVD | PARAMETER | RESULT | QUAL | UNITS |
|---|---|---|---|---|---|---|---|
| WL0008 | 19991209 | 19991211 | 19991210 | pH | 7.85 | | |
| WL0008 | 19991209 | 19991214 | 19991210 | Mercury | 0.0001 | U | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Flash Point for Liquids | No Flash Observed | | DEGREES F |
| WL0008 | 19991209 | 19991213 | 19991210 | Endrin Ketone | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Alpha Chlordane | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Gamma Chlordane | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Alpha BHC | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Beta BHC | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Gamma BHC - Lindane | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Delta BHC | 0.0055 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Heptachlor | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Aldrin | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Heptachlor Epoxide | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | DDE | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | DDD | 0.0078 | J | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | DDT | 0.0143 | J | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Dieldrin | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Endrin | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Toxaphene | 0.28 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Endosulfan II | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Endosulfan I | 0.0019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Endosulfan Sulfate | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Endrin Aldehyde | 0.0038 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1016 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1221 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1232 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1242 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1248 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1254 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | PCB-1260 | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Methoxychlor | 0.019 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Sulfide (Reactivity) | 39 | U | MG/KG |
| WL0008 | 19991209 | 19991213 | 19991210 | Cyanide (Reactivity) | 100 | U | MG/KG |
| WL0008 | 19991209 | 19991215 | 19991210 | 2,4-D | 0.095 | U | UG/L |
| WL0008 | 19991209 | 19991215 | 19991210 | 2,4,5-TP | 0.0275 | J | UG/L |
| WL0008 | 19991209 | 19991215 | 19991210 | Dinoseb | 0.047 | U | UG/L |
| WL0008 | 19991209 | 19991215 | 19991210 | 2,4,5-T | 0.0166 | J | UG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Chromium | 0.0098 | U | MG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Chloroaniline | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2-Methylnaphthalene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2-Nitroaniline | 2 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,4,5-Trichlorophenol | 2 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2-Chlorophenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Phenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2-Nitrophenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,4-Dimethylphenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,4-Dichlorophenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Chloro-3-methylphenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,4,6-Trichlorophenol | 2 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | bis(2-Chloroethyl)ether | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 1,3-Dichlorobenzene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 1,4-Dichlorobenzene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 1,2-Dichlorobenzene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Hexachloroethane | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | N-Nitroso-di-n-propylamine | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Nitrobenzene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Isophorone | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | bis(2-Chloroethoxy)methane | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 1,2,4-Trichlorobenzene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Naphthalene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Hexachlorobutadiene | 2 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Hexachlorocyclopentadiene | 5 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2-Chloronaphthalene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Acenaphthylene | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Dimethylphthalate | 2 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2-Methylphenol | 0.9 | U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,2'-oxybis(1-Chloropropane) | 0.9 | U | UG/L |

| | | | | | | |
|---|---|---|---|---|---|---|
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Methylphenol | 3 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Dibenzofuran | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 3-Nitroaniline | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Nitroaniline | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,4-Dinitrophenol | 19 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Nitrophenol | 9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4,6-Dinitro-2-methylphenol | 5 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Pentachlorophenol | 3 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,6-Dinitrotoluene | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Acenaphthene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 2,4-Dinitrotoluene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Fluorene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Chlorophenyl-phenylether | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Diethylphthalate | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | N-Nitrosodiphenylamine | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 4-Bromophenyl-phenylether | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Hexachlorobenzene | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Phenanthrene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Anthracene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Di-n-butylphthalate | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Fluoranthene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Pyrene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Butylbenzylphthalate | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Benzo(a)anthracene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Chrysene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | 3,3'-Dichlorobenzidine | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | bis(2-Ethylhexyl)phthalate | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Di-n-octylphthalate | 2 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Benzo(b)fluoranthene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Benzo(k)fluoranthene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Benzo(a)pyrene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Indeno(1,2,3-cd)pyrene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Dibenz(a,h)anthracene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Benzo(g,h,i)perylene | 0.9 U | UG/L |
| WL0008 | 19991209 | 19991213 | 19991210 | Carbazole | 3 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Chloromethane | 3 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Vinyl Chloride | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Bromomethane | 3 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Chloroethane | 3 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,1-Dichloroethene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Methylene Chloride | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | trans-1,2-Dichloroethene | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,1-Dichloroethane | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | cis-1,2-Dichloroethene | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Chloroform | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,1,1-Trichloroethane | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Carbon Tetrachloride | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Benzene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,2-Dichloroethane | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Trichloroethene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,2-Dichloropropane | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Bromodichloromethane | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Toluene | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,1,2-Trichloroethane | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Tetrachloroethene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Dibromochloromethane | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Chlorobenzene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Ethylbenzene | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Styrene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Bromoform | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 1,1,2,2-Tetrachloroethane | 2 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Acetone | 6 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | Carbon Disulfide | 3 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 2-Butanone | 3 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | trans-1,3-Dichloropropene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | cis-1,3-Dichloropropene | 1 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 4-Methyl-2-pentanone | 5 U | UG/L |
| WL0008 | 19991209 | 19991212 | 19991210 | 2-Hexanone | 7 U | UG/L |

| | | | | | | |
|---|---|---|---|---|---|---|
| WL0008 | 19991209 | 19991212 | 19991210 | Xylene (Total) | 1 U | UG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Arsenic TR | 0.02 | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Selenium TR | 0.0044 U | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Barium TR | 0.205 | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Cadmium TR | 0.00081 U | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Copper TR | 0.0725 | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Lead TR | 0.228 | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Silver TR | 0.0017 U | MG/L |
| WL0008 | 19991209 | 19991214 | 19991210 | Zinc TR | 0.982 | MG/L |
| WL0007 | 19991209 | 19991219 | 19991210 | Mercury | 0.0053 J | MG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1016 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1221 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1232 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1242 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1248 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1254 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | PCB-1260 | 500 U | UG/KG |
| WL0007 | 19991209 | 19991115 | 19991210 | pH | 5.69 | |
| WL0007 | 19991209 | 19991214 | 19991210 | Flash Point for Liquids | No Flash Observed | DEGREES F |
| WL0007 | 19991209 | 19991214 | 19991210 | Oil Metals Digestion | 100 | NO PRINT |
| WL0007 | 19991209 | 19991223 | 19991210 | Arsenic (furnace method) | 0.79 J | MG/KG |
| WL0007 | 19991209 | 19991228 | 19991210 | Selenium (furnace method) | 1.3 U | MG/KG |
| WL0007 | 19991209 | 19991216 | 19991210 | Barium | 2.21 J | MG/KG |
| WL0007 | 19991209 | 19991215 | 19991210 | Cadmium | 0.4 U | MG/KG |
| WL0007 | 19991209 | 19991215 | 19991210 | Chromium | 3.9 J | MG/KG |
| WL0007 | 19991209 | 19991215 | 19991210 | Copper | 258 | MG/KG |
| WL0007 | 19991209 | 19991215 | 19991210 | Lead | 49 | MG/KG |
| WL0007 | 19991209 | 19991215 | 19991210 | Silver | 1.78 J | MG/KG |
| WL0007 | 19991209 | 19991215 | 19991210 | Zinc | 33 | MG/KG |

Lancaster Laboratories
Where quality is a science.
Electronic Data Deliverables

JAN 04 2000

EPA Region 5 Records Ctr.
350117

## 10160 - DaimlerChrysler Corporation

SDG: DCC84 Dayton Thermal/Dayton, OH

### Sample Reference List for EDD File C3290434.TXT

| Laboratory Sample No. | Sample Description | | Collected |
|---|---|---|---|
| 3290434 | WL41092 Grab Water Sample | Site Code: SC001 RFA# YGQP9900271 E | 12/13/99 17:30 |
| 3290435 | Storage Blank Water Sample | Site Code: SC001 RFA# YGQP9900271 | 12/14/99 00:00 |
| 3290436 | Trip Blank Water Sample | Site Code: SC001 RFA# YGQP9900271 | 12/13/99 17:30 |

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JAN 04 2000



**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS | |
|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | See Page | 2 |
| 1751 | Chromium | 0.0171 J | 0.0098 | mg/l | |
| 7035 | Arsenic TR | 0.0087 J | 0.0050 | mg/l | |
| 7036 | Selenium TR | N.D. | 0.0044 | mg/l | |
| 7046 | Barium TR | 0.0778 | 0.00049 | mg/l | |
| 7049 | Cadmium TR | 0.0070 | 0.00081 | mg/l | |
| 7053 | Copper TR | 0.201 | 0.0029 | mg/l | |
| 7055 | Lead TR | 0.264 | 0.0079 | mg/l | |
| 7066 | Silver TR | N.D. | 0.0017 | mg/l | |
| 7072 | Zinc TR | 0.456 | 0.0030 | mg/l | |
| 0259 | Mercury | 0.00021 | 0.00010 | mg/l | |
| 0937 | TCL Pesticides in Waters | | | See Page | 3 |
| 1316 | AppendixIX Herbicides - Waters | | | See Page | 4 |
| 4678 | TCL SW846 Semivolatiles/Waters | | | See Page | 5 |
| 4679 | TCL SW846 Semivolatiles/Waters | | | See Page | 6 |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg | |
| 0200 | pH | 7.38 | 0.010 | | |
| 0430 | Flash Point for Liquids | No Flash Observed | | Degrees F | |

No flash observed below 151F.
Test flame extinguished at 99F.
Flash point was determined using Pensky Martens closed cup apparatus.

| | | | | |
|---|---|---|---|---|
| 0496 | Corrosivity | See Below | | See Below |

Corrosivity:
The pH of the sample was 7.38 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.

| | | | | |
|---|---|---|---|---|
| 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. | 39. | mg/kg |

Frac Tank #4109, second load, second sample

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
03:16:48 D 0001 3 139744 695456
480 0.00 00202400 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL by 8260 (water) | | | | | |
| 5385 | Chloromethane | N.D. | | 3. | ug/l |
| 5387 | Bromomethane | N.D. | | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | | 2. | ug/l |
| 5388 | Chloroethane | N.D. | | 3. | ug/l |
| 5391 | Methylene Chloride | 12. | | 2. | ug/l |
| 6302 | Acetone | 24. | | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | 2. | J | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | 16. | | 2. | ug/l |
| 5396 | Chloroform | 1. | J | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | | 2. | ug/l |
| 6305 | 2-Butanone | 7. | J | 3. | ug/l |
| 5398 | 1,1,1-Trichloroethane | 60. | | 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. | | 2. | ug/l |
| 5404 | 1,2-Dichloropropane | N.D. | | 1. | ug/l |
| 6306 | trans-1,3-Dichloropropene | N.D. | | 1. | ug/l |
| 5403 | Trichloroethene | 4. | J | 1. | ug/l |
| 5411 | Dibromochloromethane | N.D. | | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 2. | 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. | | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | | 7. | ug/l |
| 5409 | Tetrachloroethene | 7. | | 1. | ug/l |
| 5407 | Toluene | 29. | | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 2. | ug/l |
| 5418 | Styrene | N.D. | | 1. | ug/l |
| 6310 | Xylene (Total) | 9. | | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | | 2. | ug/l |

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Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL Pesticides in Waters | | | | |
| 1600 | Alpha BHC | N.D. | 0.0095 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0095 | ug/l |
| 1603 | Delta BHC | N.D. | 0.047 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0095 | ug/l |
| 1604 | Heptachlor | N.D. | 0.0095 | ug/l |
| 1605 | Aldrin | N.D. | 0.0095 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0095 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.20 | ug/l |
| 1610 | Dieldrin | N.D. | 0.019 | ug/l |
| 1607 | DDE | N.D. | 0.019 | ug/l |
| 1611 | Endrin | N.D. | 0.095 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.095 | ug/l |
| 1608 | DDD | N.D. | 0.019 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.019 | ug/l |
| 1609 | DDT | N.D. | 0.0038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.019 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.0095 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.0095 | ug/l |
| 1613 | Toxaphene | N.D. | 1.4 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.019 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.47 | ug/l |
| 1620 | PCB-1221 | N.D. | 0.47 | ug/l |
| 1621 | PCB-1232 | N.D. | 0.47 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.47 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.47 | ug/l |
| 1624 | PCB-1254 | 5.2 | 0.47 | ug/l |
| 1626 | PCB-1260 | N.D. | 0.47 | ug/l |

Due to interfering peaks on the chromatogram, the values reported represent the lowest quantitation limits obtainable.

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Jenifer E. Hess, B.S.
Group Leader Pesticides/PCBs

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| AppendixIX Herbicides - Waters | | | | | |
| 0288 | 2,4-D | 0.205 | J | 0.095 | ug/l |
| 1314 | Dinoseb | N.D. | | 0.048 | ug/l |
| 0289 | 2,4,5-TP | 0.474 | | 0.0095 | ug/l |
| 1315 | 2,4,5-T | 0.0361 | J | 0.0095 | ug/l |

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

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Respectfully Submitted
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WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | | |
| 3925 | Phenol | N.D. | | 0.9 | ug/l |
| 3936 | bis(2-Chloroethyl)ether | N.D. | | 0.9 | ug/l |
| 3924 | 2-Chlorophenol | N.D. | | 0.9 | ug/l |
| 3937 | 1,3-Dichlorobenzene | N.D. | | 0.9 | ug/l |
| 3938 | 1,4-Dichlorobenzene | N.D. | | 0.9 | ug/l |
| 3939 | 1,2-Dichlorobenzene | 1. | J | 0.9 | ug/l |
| 4680 | 2-Methylphenol | 2. | J | 0.9 | ug/l |
| 4681 | 2,2'-oxybis(1-Chloropropane) | N.D. | | 0.9 | ug/l |
| 4682 | 4-Methylphenol | N.D. | | 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. | | 0.9 | ug/l |
| 3941 | Hexachloroethane | N.D. | | 0.9 | ug/l |
| 3943 | Nitrobenzene | N.D. | | 0.9 | ug/l |
| 3944 | Isophorone | N.D. | | 0.9 | ug/l |
| 3926 | 2-Nitrophenol | N.D. | | 0.9 | ug/l |
| 3927 | 2,4-Dimethylphenol | N.D. | | 0.9 | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | | 0.9 | ug/l |
| 3928 | 2,4-Dichlorophenol | N.D. | | 0.9 | ug/l |
| 3946 | 1,2,4-Trichlorobenzene | N.D. | | 0.9 | ug/l |
| 3947 | Naphthalene | N.D. | | 0.9 | ug/l |
| 3871 | 4-Chloroaniline | N.D. | | 0.9 | ug/l |
| 3948 | Hexachlorobutadiene | N.D. | | 2. | ug/l |
| 3929 | 4-Chloro-3-methylphenol | N.D. | | 0.9 | ug/l |
| 3905 | 2-Methylnaphthalene | N.D. | | 0.9 | 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. | | 0.9 | ug/l |
| 3907 | 2-Nitroaniline | N.D. | | 2. | ug/l |
| 3952 | Dimethylphthalate | N.D. | | 2. | ug/l |
| 3951 | Acenaphthylene | N.D. | | 0.9 | ug/l |

Questions? Contact your Client Services Representative
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Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

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Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | | |
| 3908 | 3-Nitroaniline | N.D. | | 2. | ug/l |
| 3954 | Acenaphthene | N.D. | | 0.9 | ug/l |
| 3931 | 2,4-Dinitrophenol | N.D. | | 19. | ug/l |
| 3932 | 4-Nitrophenol | N.D. | | 9. | ug/l |
| 3879 | Dibenzofuran | N.D. | | 0.9 | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 0.9 | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 3. | J | 2. | ug/l |
| 3957 | 4-Chlorophenyl-phenylether | N.D. | | 0.9 | ug/l |
| 3956 | Fluorene | 1. | J | 0.9 | 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. | | 0.9 | 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 | 3. | J | 0.9 | ug/l |
| 3964 | Anthracene | N.D. | | 0.9 | ug/l |
| 4684 | Carbazole | N.D. | | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | | 0.9 | ug/l |
| 3967 | Pyrene | 3. | J | 0.9 | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | | 2. | ug/l |
| 3970 | Benzo(a)anthracene | 1. | J | 0.9 | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 2. | J | 2. | ug/l |
| 3971 | Chrysene | 1. | J | 0.9 | ug/l |
| 3974 | Di-n-octylphthalate | N.D. | | 2. | ug/l |
| 3975 | Benzo(b)fluoranthene | N.D. | | 0.9 | ug/l |
| 3976 | Benzo(k)fluoranthene | N.D. | | 0.9 | ug/l |
| 3977 | Benzo(a)pyrene | N.D. | | 0.9 | ug/l |
| 3978 | Indeno(1,2,3-cd)pyrene | N.D. | | 0.9 | ug/l |
| 3979 | Dibenz(a,h)anthracene | N.D. | | 0.9 | ug/l |
| 3980 | Benzo(g,h,i)perylene | N.D. | | 0.9 | ug/l |

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Group Leader, GC/MS SVOA

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|

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.

Questions? Contact your Client Services Representative
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Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

&&&

# Analysis Report

LABORATORY CHRONICLE

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/15/99 0609 | Marc S. Neal |
| 1751 | Chromium | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 1848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | | 12/15/99 2145 | Charlotte L. Houck |
| 7035 | Arsenic TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7036 | Selenium TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7046 | Barium TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7049 | Cadmium TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7053 | Copper TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7055 | Lead TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7066 | Silver TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7072 | Zinc TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 0259 | Mercury | SW-846 7470A | 1 | | 12/16/99 1532 | Rosalind D. Ernest |
| 5713 | WW SW846 Hg Digest | SW-846 7470A | 1 | | 12/15/99 2251 | Nelli S. Markaryan |
| 0816 | Water Sample Herbicide Extract | SW-846 8151A | 1 | | 12/16/99 0715 | Joseph S. Feister |
| 0817 | Water Sample Pest. Extraction | SW-846 3510C | 1 | | 12/15/99 1100 | Clara L. Medina |
| 0937 | TCL Pesticides in Waters | SW-846 8081A/8082 | 1 | | 12/16/99 1739 | Douglas D. Seitz |
| 1316 | AppendixIX Herbicides - Waters | SW-846 8151A | 1 | | 12/18/99 1517 | Carolyn J. Koch |
| 0813 | BNA Water Extraction | SW-846 3510C | 1 | | 12/16/99 0810 | Ginelle L. Haines |
| 4678 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/16/99 1757 | Timothy Trees |
| 4679 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/16/99 1757 | Timothy Trees |
| 1123 | Cyanide (Reactivity) | SW-846 9012 | 1 | | 12/16/99 1225 | Mark A. Buckwalter |
| 0200 | pH | EPA 150.1 | 1 | | 12/16/99 0740 | Daniel S. Smith |
| 0430 | Flash Point for Liquids | ASTM D 93-90 | 1 | | 12/14/99 1025 | Susan A. Engle |
| 1121 | Reactivity | SW-846 Chapter 7.3 | 1 | | 12/16/99 0840 | Susan E. Hibner |
| 1122 | Sulfide (Reactivity) | SW-846 9034 | 1 | | 12/16/99 0840 | Susan E. Hibner |

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: L993481AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 108 | 103 | 4 | 103 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 87 | 86 | 1 | 83 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 105 | 102 | 3 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 1 | 93 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 107 | 1 | 103 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 80 | 80 | 0 | 83 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 72 | 67 | 7 | 107 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 112 | 3 | 108 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 111 | 107 | 3 | 106 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 104 | 1 | 99 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 98 | 1 | 94 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 95 | 95 | 0 | 97 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 102 | 102 | 1 | 97 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 101 | 100 | 1 | 96 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 95 | 93 | 2 | 94 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 99 | 100 | 0 | 97 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 107 | 1 | 104 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 93 | 90 | 3 | 96 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 111 | 110 | 1 | 102 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 85 | 84 | 1 | 94 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 106 | 105 | 0 | 103 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 112 | 1 | 105 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 94 | 92 | 2 | 99 | | | 83 | 120 |

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 Bromoform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 79 | 77 | 3 | 96 | | | 65 | 128 |
| 6308 4-Methyl-2-pentanone | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 93 | 93 | 1 | 94 | | | 72 | 131 |
| 6309 2-Hexanone | | | | | | | | | | | |
| 7. | ug/l | N.D. | | 92 | 92 | 0 | 92 | | | 64 | 131 |
| 5409 Tetrachloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 122 | 121 | 1 | 113 | | | 78 | 144 |
| 5407 Toluene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 89 | 121 |
| 5413 Chlorobenzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 108 | 0 | 103 | | | 91 | 120 |
| 5415 Ethylbenzene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 91 | 122 |
| 5418 Styrene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 106 | 1 | 107 | | | 92 | 120 |
| 6310 Xylene (Total) | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 113 | 1 | 109 | | | 92 | 123 |
| 5392 trans-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 104 | 101 | 3 | 99 | | | 85 | 130 |
| 5395 cis-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 110 | 110 | 0 | 104 | | | 89 | 125 |
| 1751 Chromium | | Batch: 993491848009 | | | | | | | | | |
| 0.0098 | mg/l | N.D. | 0 (1) | 102 | 102 | 0 | 101 | | | 80 | 120 |
| 7035 Arsenic TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0050 | mg/l | N.D. | 0 (1) | 97 | 97 | 0 | 100 | | | 80 | 120 |
| 7036 Selenium TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0044 | mg/l | N.D. | 0 (1) | 93 | 93 | 0 | 98 | | | 80 | 120 |
| 7046 Barium TR | | Batch: 993491848009 | | | | | | | | | |
| 0.00049 | mg/l | 0.00095J mg/l | 0 (1) | 100 | 100 | 0 | 101 | | | 80 | 120 |
| 7049 Cadmium TR | | Batch: 993491848009 | | | | | | | | | |
| 0.00081 | mg/l | N.D. | 0 (1) | 100 | 100 | 0 | 102 | | | 80 | 120 |
| 7053 Copper TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0029 | mg/l | N.D. | 0 (1) | 104 | 104 | 0 | 102 | | | 80 | 120 |
| 7055 Lead TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0079 | mg/l | N.D. | 0 (1) | 100 | 100 | 0 | 100 | | | 80 | 120 |
| 7066 Silver TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0017 | mg/l | N.D. | 2 | 104 | 104 | 0 | 101 | | | 80 | 120 |
| 7072 Zinc TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0030 | mg/l | N.D. | 3 | 95 | 94 | 1 | 99 | | | 80 | 120 |
| 0259 Mercury | | Batch: 993495713002 | | | | | | | | | |
| 0.00010 | mg/l | N.D. | 0 (1) | 103 | 103 | 0 | 110 | | | 80 | 120 |
| 0937 TCL Pesticides in Waters | | Batch: 993480006A | | | | | | | | | |
| 1600 Alpha BHC | | | | | | | | | | | |
| 0.0095 | ug/l | N.D. | | 105 | 110 | 16 | 108 | | | 49 | 151 |
| 1601 Beta BHC | | | | | | | | | | | |
| 0.0095 | ug/l | N.D. | | 115 | 124 | 18 | 119 | | | 64 | 122 |

(1) The result for one or both determinations was less than five times the LOQ.

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1603 Delta BHC | 0.047 | ug/l | N.D. | | 136 | 142 | 15 | 116 | | | 64 | 132 |
| 1602 Gamma BHC - Lindane | 0.0095 | ug/l | N.D. | | 112 | 119 | 16 | 113 | | | 57 | 143 |
| 1604 Heptachlor | 0.0095 | ug/l | N.D. | | 102 | 101 | 10 | 92 | | | 38 | 129 |
| 1605 Aldrin | 0.0095 | ug/l | N.D. | | 102 | 100 | 8 | 92 | | | 42 | 112 |
| 1606 Heptachlor Epoxide | 0.0095 | ug/l | N.D. | | 183 | 162 | 2 | 117 | | | 52 | 136 |
| 1616 Endosulfan I | 0.20 | ug/l | N.D. | | 111 | 113 | 11 | 101 | | | 37 | 146 |
| 1610 Dieldrin | 0.019 | ug/l | N.D. | | 86 | 92 | 14 | 103 | | | 50 | 145 |
| 1607 DDE | 0.019 | ug/l | N.D. | | 112 | 117 | 15 | 97 | | | 46 | 140 |
| 1611 Endrin | 0.095 | ug/l | N.D. | | 117 | 123 | 16 | 116 | | | 68 | 156 |
| 1615 Endosulfan II | 0.095 | ug/l | N.D. | | 104 | 109 | 15 | 109 | | | 42 | 143 |
| 1608 DDD | 0.019 | ug/l | N.D. | | 107 | 114 | 16 | 108 | | | 60 | 134 |
| 1617 Endosulfan Sulfate | 0.019 | ug/l | N.D. | | 115 | 120 | 14 | 121 | | | 67 | 132 |
| 1609 DDT | 0.0038 | ug/l | N.D. | | 127 | 133 | 15 | 91 | | | 34 | 162 |
| 0938 Endrin Ketone | 0.019 | ug/l | N.D. | | 113 | 120 | 16 | 110 | | | 74 | 115 |
| 1860 Methoxychlor | 0.019 | ug/l | N.D. | | 128 | 133 | 14 | 92 | | | 72 | 160 |
| 1361 Alpha Chlordane | 0.0095 | ug/l | N.D. | | 109 | 115 | 14 | 113 | | | 70 | 117 |
| 1362 Gamma Chlordane | 0.0095 | ug/l | N.D. | | 113 | 117 | 13 | 107 | | | 60 | 107 |
| 1613 Toxaphene | 1.4 | ug/l | N.D. | | | | | | | | | |
| 1618 Endrin Aldehyde | 0.019 | ug/l | N.D. | | 106 | 112 | 16 | 104 | | | 52 | 142 |
| 1619 PCB-1016 | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1620 PCB-1221 | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1621 PCB-1232 | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1622 PCB-1242 | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1623 PCB-1248 | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1624 PCB-1254 | 0.47 | ug/l | N.D. | | | | | | | | | |

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1626 PCB-1260 | | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1316 AppendixIX Herbicides - Waters | | | Batch: 993490018A | | | | | | | | | |
| 0288 2,4-D | | | | | | | | | | | | |
| | 0.095 | ug/l | N.D. | | 80 | 99 | 21 | 92 | | | 36 | 168 |
| 1314 Dinoseb | | | | | | | | | | | | |
| | 0.048 | ug/l | N.D. | | 88 | 75 | 17 | 59 | | | 14 | 108 |
| 0289 2,4,5-TP | | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 88 | 101 | 10 | 91 | | | 33 | 161 |
| 1315 2,4,5-T | | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 89 | 95 | 5 | 96 | | | 59 | 156 |
| 4678 TCL SW846 Semivolatiles/Waters | | | Batch: 99350WAB026 | | | | | | | | | |
| 3925 Phenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 46 | 47 | 3 | 29 | 64 |
| 3936 bis(2-Chloroethyl)ether | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 100 | 101 | 2 | 61 | 122 |
| 3924 2-Chlorophenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 88 | 96 | 8 | 61 | 123 |
| 3937 1,3-Dichlorobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 51 | 55 | 7 | 43 | 104 |
| 3938 1,4-Dichlorobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 53 | 57 | 6 | 39 | 109 |
| 3939 1,2-Dichlorobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 61 | 65 | 6 | 48 | 111 |
| 4680 2-Methylphenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 92 | 96 | 4 | 50 | 117 |
| 4681 2,2'-oxybis(1-Chloropropane) | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 93 | 94 | 1 | 54 | 149 |
| 4682 4-Methylphenol | | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 85 | 87 | 2 | 47 | 112 |
| 3942 N-Nitroso-di-n-propylamine | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 98 | 100 | 1 | 52 | 141 |
| 3941 Hexachloroethane | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 33 | 36 | 9 | 25 | 96 |
| 3943 Nitrobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 95 | 102 | 7 | 58 | 126 |
| 3944 Isophorone | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 91 | 94 | 3 | 66 | 123 |
| 3926 2-Nitrophenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 89 | 98 | 9 | 61 | 133 |
| 3927 2,4-Dimethylphenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 93 | 99 | 6 | 62 | 124 |
| 3945 bis(2-Chloroethoxy)methane | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 96 | 100 | 4 | 57 | 125 |
| 3928 2,4-Dichlorophenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 92 | 99 | 7 | 57 | 122 |

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3946 1,2,4-Trichlorobenzene | 0.9 | ug/l | N.D. | | | | | 60 | 67 | 10 | 47 | 107 |
| 3947 Naphthalene | 0.9 | ug/l | N.D. | | | | | 78 | 84 | 8 | 57 | 113 |
| 3871 4-Chloroaniline | 0.9 | ug/l | N.D. | | | | | 69 | 74 | 6 | 30 | 123 |
| 3948 Hexachlorobutadiene | 2. | ug/l | N.D. | | | | | 21 | 25 | 17 | 19 | 95 |
| 3929 4-Chloro-3-methylphenol | 0.9 | ug/l | N.D. | | | | | 100 | 103 | 3 | 63 | 128 |
| 3905 2-Methylnaphthalene | 0.9 | ug/l | N.D. | | | | | 77 | 81 | 5 | 42 | 131 |
| 3949 Hexachlorocyclopentadiene | 5. | ug/l | N.D. | | | | | 29 | 34 | 16 | 6 | 89 |
| 3930 2,4,6-Trichlorophenol | 2. | ug/l | N.D. | | | | | 87 | 98 | 12 | 57 | 134 |
| 3922 2,4,5-Trichlorophenol | 2. | ug/l | N.D. | | | | | 91 | 100 | 9 | 61 | 131 |
| 3950 2-Chloronaphthalene | 0.9 | ug/l | N.D. | | | | | 78 | 85 | 8 | 60 | 116 |
| 3907 2-Nitroaniline | 2. | ug/l | N.D. | | | | | 93 | 98 | 5 | 49 | 131 |
| 3952 Dimethylphthalate | 2. | ug/l | N.D. | | | | | 36 | 35 | 1 | 1 | 103 |
| 3951 Acenaphthylene | 0.9 | ug/l | N.D. | | | | | 83 | 86 | 4 | 62 | 113 |
| 4679 TCL SW846 Semivolatiles/Waters | | | Batch: 99350WAB026 | | | | | | | | | |
| 3908 3-Nitroaniline | 2. | ug/l | N.D. | | | | | 66 | 63 | 5 | 26 | 141 |
| 3954 Acenaphthene | 0.9 | ug/l | N.D. | | | | | 84 | 86 | 3 | 60 | 117 |
| 3931 2,4-Dinitrophenol | 19. | ug/l | N.D. | | | | | 45 | 77 | 52 | 18 | 135 |
| 3932 4-Nitrophenol | 9. | ug/l | N.D. | | | | | 38 | 45 | 15 | 20 | 79 |
| 3879 Dibenzofuran | 0.9 | ug/l | N.D. | | | | | 85 | 90 | 5 | 71 | 113 |
| 3955 2,4-Dinitrotoluene | 0.9 | ug/l | N.D. | | | | | 98 | 101 | 3 | 62 | 129 |
| 3953 2,6-Dinitrotoluene | 2. | ug/l | N.D. | | | | | 106 | 108 | 2 | 68 | 126 |
| 3958 Diethylphthalate | 2. | ug/l | N.D. | | | | | 73 | 73 | 0 | 18 | 120 |
| 3957 4-Chlorophenyl-phenylether | 0.9 | ug/l | N.D. | | | | | 82 | 88 | 8 | 60 | 121 |
| 3956 Fluorene | 0.9 | ug/l | N.D. | | | | | 87 | 93 | 6 | 62 | 127 |

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3909 | 4-Nitroaniline | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 84 | 86 | 2 | 69 | 121 |
| 3933 | 4,6-Dinitro-2-methylphenol | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | | | | 77 | 97 | 23 | 31 | 150 |
| 3960 | N-Nitrosodiphenylamine | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 96 | 102 | 7 | 61 | 125 |
| 3961 | 4-Bromophenyl-phenylether | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 88 | 90 | 2 | 65 | 123 |
| 3962 | Hexachlorobenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 93 | 93 | 0 | 59 | 129 |
| 3934 | Pentachlorophenol | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 67 | 85 | 24 | 36 | 135 |
| 3963 | Phenanthrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 96 | 99 | 3 | 69 | 121 |
| 3964 | Anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 97 | 98 | 1 | 67 | 121 |
| 4684 | Carbazole | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 97 | 100 | 3 | 78 | 115 |
| 3965 | Di-n-butylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 88 | 92 | 5 | 58 | 125 |
| 3966 | Fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 94 | 98 | 4 | 66 | 124 |
| 3967 | Pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 98 | 101 | 3 | 63 | 125 |
| 3969 | Butylbenzylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 88 | 89 | 1 | 43 | 126 |
| 3972 | 3,3'-Dichlorobenzidine | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 65 | 65 | 0 | 15 | 140 |
| 3970 | Benzo(a)anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 92 | 97 | 4 | 67 | 120 |
| 3973 | bis(2-Ethylhexyl)phthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 109 | 109 | 0 | 64 | 129 |
| 3971 | Chrysene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 99 | 103 | 4 | 67 | 121 |
| 3974 | Di-n-octylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 102 | 107 | 4 | 68 | 138 |
| 3975 | Benzo(b)fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 88 | 91 | 3 | 64 | 120 |
| 3976 | Benzo(k)fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 94 | 97 | 3 | 68 | 124 |
| 3977 | Benzo(a)pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 95 | 97 | 2 | 68 | 124 |
| 3978 | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 99 | 104 | 5 | 65 | 129 |
| 3979 | Dibenz(a,h)anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 100 | 104 | 4 | 66 | 128 |
| 3980 | Benzo(g,h,i)perylene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 103 | 102 | 1 | 66 | 128 |
| 1123 | Cyanide (Reactivity) | | Batch: 99350104101 | | | | | | | | | |
| | 100. | mg/kg | N.D. | 0 (1) | 2 | 3 | 22 | 105 | | | 88 | 121 |

(1) The result for one or both determinations was less than five times the LOQ.

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0200 pH | | | Batch: 993500237020000A | | | | | | | | | |
| | 0.010 | | | 0 | | | | 100 | 100 | 0 | 98 | 102 |
| 0430 Flash Point for Liquids | | | Batch: 993480227043000A | | | | | | | | | |
| | | Degrees F | | | | | | 102 | 98 | 4 | 97 | 103 |
| 1121 Reactivity | | | Batch: 993500416112100A | | | | | | | | | |
| | | see below | | | | | | | | | | |
| 1122 Sulfide (Reactivity) | | | Batch: 993500416112100A | | | | | | | | | |
| | 39. | mg/kg | N.D. | | 73 | 68 | 7 | 88 | | | 80 | 120 |

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**LLI Sample No. 3290434**
WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 0937 TCL Pesticides in Waters | TCX | 90 | 36 | 121 |
| | DCB | 100 | 19 | 153 |
| 1316 AppendixIX Herbicides - Waters | DCAA | 413 | 37 | 151 |
| 4678 TCL SW846 Semivolatiles/Waters | 2-Flphenol | 64 | 15 | 113 |
| | Phenol-d6 | 43 | 9 | 77 |
| | 2,4,6-TBP | 88 | 32 | 157 |
| 4679 TCL SW846 Semivolatiles/Waters | Nitrobz-d5 | 90 | 55 | 130 |
| | 2-Fbiphnyl | 83 | 57 | 117 |
| | Tphenyld14 | 82 | 42 | 139 |
| 6291 TCL by 8260 (water) | DBFM | 95 | 86 | 118 |
| | d4-1,2-DCA | 100 | 80 | 120 |
| | d8-toluene | 102 | 88 | 110 |
| | 4-BFB | 98 | 86 | 115 |

JAN 04 2000

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**LLI Sample No. WW 3290435**
Collected: 12/14/99 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
1213S SDG#: DCC84-02SB

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
03:18:36 D 0001 3 139744 695456
480 0.00 00000000 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3290435**
Collected: 12/14/99 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
1213S SDG#: DCC84-02SB

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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See reverse side for explanation of symbols and abbreviations.

&&&

# Analysis Report

LABORATORY CHRONICLE

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**LLI Sample No. WW 3290435**
Collected: 12/14/99 by LAB

Submitted: 12/14/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
1213S SDG#: DCC84-02SB

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/15/99 1214 | Joel R. Nace |

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**LLI Sample No. 3290435**
Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: L993481AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 108 | 103 | 4 | 103 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 87 | 86 | 1 | 83 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 105 | 102 | 3 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 1 | 93 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 107 | 1 | 103 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 80 | 80 | 0 | 83 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 72 | 67 | 7 | 107 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 112 | 3 | 108 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 111 | 107 | 3 | 106 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 104 | 1 | 99 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 98 | 1 | 94 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 95 | 95 | 0 | 97 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 102 | 102 | 1 | 97 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 101 | 100 | 1 | 96 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 95 | 93 | 2 | 94 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 99 | 100 | 0 | 97 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 107 | 1 | 104 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 93 | 90 | 3 | 96 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 111 | 110 | 1 | 102 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 85 | 84 | 1 | 94 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 106 | 105 | 0 | 103 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 112 | 1 | 105 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 94 | 92 | 2 | 99 | | | 83 | 120 |

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**LLI Sample No. 3290435**
Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 79 | 77 | 3 | 96 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 93 | 93 | 1 | 94 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 92 | 92 | 0 | 92 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 122 | 121 | 1 | 113 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 108 | 108 | 0 | 103 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 108 | 106 | 1 | 107 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 115 | 113 | 1 | 109 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 104 | 101 | 3 | 99 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 110 | 110 | 0 | 104 | | | 89 | 125 |

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**LLI Sample No. 3290435**
Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 6291 TCL by 8260 (water) | DBFM | 95 | 86 | 118 |
| | d4-1,2-DCA | 102 | 80 | 120 |
| | d8-toluene | 102 | 88 | 110 |
| | 4-BFB | 97 | 86 | 115 |

JAN 04 2000

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**LLI Sample No. WW 3290436**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT12 SDG#: DCC84-03TB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
03:19:05 D 0001 3 139744 695456
480 0.00 00000000 ASR000

Respectful Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3290436**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT12 SDG#: DCC84-03TB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

The sample for the GC/MS volatile analysis was received with headspace.

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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**LLI Sample No. WW 3290436**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT12 SDG#: DCC84-03TB*

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/15/99 0635 | Marc S. Neal |

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**LLI Sample No. 3290436**
Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: L993481AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 108 | 103 | 4 | 103 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 87 | 86 | 1 | 83 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 105 | 102 | 3 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 1 | 93 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 107 | 1 | 103 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 80 | 80 | 0 | 83 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 72 | 67 | 7 | 107 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 112 | 3 | 108 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 111 | 107 | 3 | 106 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 104 | 1 | 99 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 98 | 1 | 94 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 95 | 95 | 0 | 97 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 102 | 102 | 1 | 97 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 101 | 100 | 1 | 96 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 95 | 93 | 2 | 94 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 99 | 100 | 0 | 97 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 107 | 1 | 104 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 93 | 90 | 3 | 96 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 111 | 110 | 1 | 102 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 85 | 84 | 1 | 94 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 106 | 105 | 0 | 103 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 112 | 1 | 105 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 94 | 92 | 2 | 99 | | | 83 | 120 |

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**LLI Sample No. 3290436**
Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 79 | 77 | 3 | 96 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 93 | 93 | 1 | 94 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 92 | 92 | 0 | 92 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 122 | 121 | 1 | 113 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 108 | 108 | 0 | 103 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 108 | 106 | 1 | 107 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 115 | 113 | 1 | 109 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 104 | 101 | 3 | 99 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 110 | 110 | 0 | 104 | | | 89 | 125 |

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**LLI Sample No. 3290436**
Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 6291 TCL by 8260 (water) | DBFM | 96 | 86 | 118 |
| | d4-1,2-DCA | 100 | 80 | 120 |
| | d8-toluene | 104 | 88 | 110 |
| | 4-BFB | 97 | 86 | 115 |

3290434-36

# DAIMLERCHRYSLER Sewer Cleanout — Chain-of-Custody

0655 B

Act# 10160 LL# 3290434-36

| | | | |
|---|---|---|---|
| Lancaster Laboratories | Project Name: Dayton Thermal Products | Consultant: Leggette, Brashears & Graham Inc | |
| 2425 New Holland Pike | Site Location: Dayton, Ohio | Address: 1270 W. County Rd E Suite 700 | |
| Lancaster, PA 17601 | Site Code: SC0001 | St. Paul, MN 55112 | |
| Phone Number: (717) 656-2300 | RFA Number: YGQP990271 | Consultant PM Ken Vogel | |
| Fax Number: (717) 656-2681 | DaimlerChrysler PM: Gary Stanczuk | Phone: 651-490-1705 Fax: 651-490-1006 | |

JAN 0 4 2000

**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) DI Water (Lab)

*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 | VOC, 8260, 40ml VOA HCL preserv. | SVOC, 8270, 1000ml amber, $Na_2S_2O_3$ | MT Metals by 6/7000 series 500ml plastic | TCL PCB by 8082 $Na_2S_2O_3$ | TCL Pesticide by 8081A, $Na_2S_2O_3$ | Herbacides by 8151A $Na_2S_2O_3$ | Corrosivity by Chapt. 7, 9040B | Reactivity by Chapt 7 no pressure | Ignitability by Chapt 7 ASTM D-93 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WL41092 | 12/13/99 | 1730 | G | GW | 10 | X | X | X | X | X | X | X | X | X | Frac Tank #4109, Second Load. Second Sample. |
| WLT121399 | 12/13/99 | 1730 | — | O | 2 | X | | | | | | | | | Trip Blank |
| TEMP BLANK | — | — | — | O | 1 | | | | | | | | | | |

**Sampler(s)** Chris Hoffman

Cooler ID # CO3597

Samples Relinquished under Airbill No. 813874857588

Temperature (corrected) 4.5 C

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| Chris Hoffman | 12/13/99 | 1900 | | | | Yes No |
| Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? |
| | | | [illegible] | 12/14/99 | 0911 | Yes No |

Is RFA sampling complete? Yes No

SDG 27-0

*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

FEB 14 2000

Lancaster Laboratories
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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | See Page 2 |
| 1751 | Chromium | 0.0171 J | 0.0098 | mg/l |
| 7035 | Arsenic TR | 0.0087 J | 0.0050 | mg/l |
| 7036 | Selenium TR | N.D. | 0.0044 | mg/l |
| 7046 | Barium TR | 0.0778 | 0.00049 | mg/l |
| 7049 | Cadmium TR | 0.0070 | 0.00081 | mg/l |
| 7053 | Copper TR | 0.201 | 0.0029 | mg/l |
| 7055 | Lead TR | 0.264 | 0.0079 | mg/l |
| 7066 | Silver TR | N.D. | 0.0017 | mg/l |
| 7072 | Zinc TR | 0.456 | 0.0030 | mg/l |
| 0259 | Mercury | 0.00021 | 0.00010 | mg/l |
| 0937 | TCL Pesticides in Waters | | | See Page 3 |
| 1316 | AppendixIX Herbicides - Waters | | | See Page 4 |
| 4678 | TCL SW846 Semivolatiles/Waters | | | See Page 5 |
| 4679 | TCL SW846 Semivolatiles/Waters | | | See Page 6 |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |
| 0200 | pH | 7.38 | 0.010 | |
| 0430 | Flash Point for Liquids | No Flash Observed | | Degrees F |
| | No flash observed below 151F. | | | |
| | Test flame extinguished at 99F. | | | |
| | Flash point was determined using Pensky Martens closed cup apparatus. | | | |
| 0496 | Corrosivity | See Below | | See Below |
| | Corrosivity: | | | |
| | The pH of the sample was 7.38 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. | | | |
| 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. | 39. | mg/kg |

Frac Tank #4109, second load, second sample

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
03:16:48 D 0001 3 139744 695456
480 0.00 00202400 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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PO Box 12425
Lancaster, PA 17605-2425
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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL by 8260 (water) | | | | | |
| 5385 | Chloromethane | N.D. | | 3. | ug/l |
| 5387 | Bromomethane | N.D. | | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | | 2. | ug/l |
| 5388 | Chloroethane | N.D. | | 3. | ug/l |
| 5391 | Methylene Chloride | 12. | | 2. | ug/l |
| 6302 | Acetone | 24. | | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | 2. | J | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | 16. | | 2. | ug/l |
| 5396 | Chloroform | 1. | J | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | | 2. | ug/l |
| 6305 | 2-Butanone | 7. | J | 3. | ug/l |
| 5398 | 1,1,1-Trichloroethane | 60. | | 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. | | 2. | ug/l |
| 5404 | 1,2-Dichloropropane | N.D. | | 1. | ug/l |
| 6306 | trans-1,3-Dichloropropene | N.D. | | 1. | ug/l |
| 5403 | Trichloroethene | 4. | J | 1. | ug/l |
| 5411 | Dibromochloromethane | N.D. | | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 2. | 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. | | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | | 7. | ug/l |
| 5409 | Tetrachloroethene | 7. | | 1. | ug/l |
| 5407 | Toluene | 29. | | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 2. | ug/l |
| 5418 | Styrene | N.D. | | 1. | ug/l |
| 6310 | Xylene (Total) | 9. | | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Robert Mellinger for

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL Pesticides in Waters | | | | |
| 1600 | Alpha BHC | N.D. | 0.0095 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0095 | ug/l |
| 1603 | Delta BHC | N.D. | 0.047 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0095 | ug/l |
| 1604 | Heptachlor | N.D. | 0.0095 | ug/l |
| 1605 | Aldrin | N.D. | 0.0095 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0095 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.20 | ug/l |
| 1610 | Dieldrin | N.D. | 0.019 | ug/l |
| 1607 | DDE | N.D. | 0.019 | ug/l |
| 1611 | Endrin | N.D. | 0.095 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.095 | ug/l |
| 1608 | DDD | N.D. | 0.019 | ug/l |
| 1617 | Endosulfan Sulfate | N.D. | 0.019 | ug/l |
| 1609 | DDT | N.D. | 0.0038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.019 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.0095 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.0095 | ug/l |
| 1613 | Toxaphene | N.D. | 1.4 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.019 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.47 | ug/l |
| 1620 | PCB-1221 | N.D. | 0.47 | ug/l |
| 1621 | PCB-1232 | N.D. | 0.47 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.47 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.47 | ug/l |
| 1624 | PCB-1254 | 5.2 | 0.47 | ug/l |
| 1626 | PCB-1260 | N.D. | 0.47 | ug/l |

Due to interfering peaks on the chromatogram, the values reported represent the lowest quantitation limits obtainable.

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Carolyn J. Koch for

Respectfully Submitted
Jenifer E. Hess, B.S.
Group Leader Pesticides/PCBs

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| AppendixIX Herbicides - Waters | | | | |
| 0288 | 2,4-D | 0.205 J | 0.095 | ug/l |
| 1314 | Dinoseb | N.D. | 0.048 | ug/l |
| 0289 | 2,4,5-TP | 0.474 | 0.0095 | ug/l |
| 1315 | 2,4,5-T | 0.0361 J | 0.0095 | ug/l |

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

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Carolyn J. Koch for

Respectfully Submitted
Jenifer E. Hess, B.S.
Group Leader Pesticides/PCBs

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Submitted: 12/14/99 Reported: 12/23/99
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WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | | |
| 3925 | Phenol | N.D. | | 0.9 | ug/l |
| 3936 | bis(2-Chloroethyl)ether | N.D. | | 0.9 | ug/l |
| 3924 | 2-Chlorophenol | N.D. | | 0.9 | ug/l |
| 3937 | 1,3-Dichlorobenzene | N.D. | | 0.9 | ug/l |
| 3938 | 1,4-Dichlorobenzene | N.D. | | 0.9 | ug/l |
| 3939 | 1,2-Dichlorobenzene | 1. | J | 0.9 | ug/l |
| 4680 | 2-Methylphenol | 2. | J | 0.9 | ug/l |
| 4681 | 2,2'-oxybis(1-Chloropropane) | N.D. | | 0.9 | ug/l |
| 4682 | 4-Methylphenol | N.D. | | 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. | | 0.9 | ug/l |
| 3941 | Hexachloroethane | N.D. | | 0.9 | ug/l |
| 3943 | Nitrobenzene | N.D. | | 0.9 | ug/l |
| 3944 | Isophorone | N.D. | | 0.9 | ug/l |
| 3926 | 2-Nitrophenol | N.D. | | 0.9 | ug/l |
| 3927 | 2,4-Dimethylphenol | N.D. | | 0.9 | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | | 0.9 | ug/l |
| 3928 | 2,4-Dichlorophenol | N.D. | | 0.9 | ug/l |
| 3946 | 1,2,4-Trichlorobenzene | N.D. | | 0.9 | ug/l |
| 3947 | Naphthalene | N.D. | | 0.9 | ug/l |
| 3871 | 4-Chloroaniline | N.D. | | 0.9 | ug/l |
| 3948 | Hexachlorobutadiene | N.D. | | 2. | ug/l |
| 3929 | 4-Chloro-3-methylphenol | N.D. | | 0.9 | ug/l |
| 3905 | 2-Methylnaphthalene | N.D. | | 0.9 | 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. | | 0.9 | ug/l |
| 3907 | 2-Nitroaniline | N.D. | | 2. | ug/l |
| 3952 | Dimethylphthalate | N.D. | | 2. | ug/l |
| 3951 | Acenaphthylene | N.D. | | 0.9 | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|---|
| TCL SW846 Semivolatiles/Waters | | | | | |
| 3908 | 3-Nitroaniline | N.D. | | 2. | ug/l |
| 3954 | Acenaphthene | N.D. | | 0.9 | ug/l |
| 3931 | 2,4-Dinitrophenol | N.D. | | 19. | ug/l |
| 3932 | 4-Nitrophenol | N.D. | | 9. | ug/l |
| 3879 | Dibenzofuran | N.D. | | 0.9 | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 0.9 | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 3. | J | 2. | ug/l |
| 3957 | 4-Chlorophenyl-phenylether | N.D. | | 0.9 | ug/l |
| 3956 | Fluorene | 1. | J | 0.9 | 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. | | 0.9 | 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 | 3. | J | 0.9 | ug/l |
| 3964 | Anthracene | N.D. | | 0.9 | ug/l |
| 4684 | Carbazole | N.D. | | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |
| 3966 | Fluoranthene | N.D. | | 0.9 | ug/l |
| 3967 | Pyrene | 3. | J | 0.9 | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | | 2. | ug/l |
| 3970 | Benzo(a)anthracene | 1. | J | 0.9 | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 2. | J | 2. | ug/l |
| 3971 | Chrysene | 1. | J | 0.9 | ug/l |
| 3974 | Di-n-octylphthalate | N.D. | | 2. | ug/l |
| 3975 | Benzo(b)fluoranthene | N.D. | | 0.9 | ug/l |
| 3976 | Benzo(k)fluoranthene | N.D. | | 0.9 | ug/l |
| 3977 | Benzo(a)pyrene | N.D. | | 0.9 | ug/l |
| 3978 | Indeno(1,2,3-cd)pyrene | N.D. | | 0.9 | ug/l |
| 3979 | Dibenz(a,h)anthracene | N.D. | | 0.9 | ug/l |
| 3980 | Benzo(g,h,i)perylene | N.D. | | 0.9 | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

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

Lancaster Laboratories is a subsidiary of Thermo TerraTech Inc., a Thermo Electron Company.
See reverse side for explanation of symbols and abbreviations.

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|

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.

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Charles J. Neslund, B.S.
Group Leader, GC/MS SVOA

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**LLI Sample No. WW 3290434**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
41092 SDG#: DCC84-01

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/15/99 0609 | Marc S. Neal |
| 1751 | Chromium | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 1848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | | 12/15/99 2145 | Charlotte L. Houck |
| 7035 | Arsenic TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7036 | Selenium TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7046 | Barium TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7049 | Cadmium TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7053 | Copper TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7055 | Lead TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7066 | Silver TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 7072 | Zinc TR | SW-846 6010B | 1 | | 12/16/99 0618 | Brenda A. Weaver |
| 0259 | Mercury | SW-846 7470A | 1 | | 12/16/99 1532 | Rosalind D. Ernest |
| 5713 | WW SW846 Hg Digest | SW-846 7470A | 1 | | 12/15/99 2251 | Nelli S. Markaryan |
| 0816 | Water Sample Herbicide Extract | SW-846 8151A | 1 | | 12/16/99 0715 | Joseph S. Feister |
| 0817 | Water Sample Pest. Extraction | SW-846 3510C | 1 | | 12/15/99 1100 | Clara L. Medina |
| 0937 | TCL Pesticides in Waters | SW-846 8081A/8082 | 1 | | 12/16/99 1739 | Douglas D. Seitz |
| 1316 | AppendixIX Herbicides - Waters | SW-846 8151A | 1 | | 12/18/99 1517 | Carolyn J. Koch |
| 0813 | BNA Water Extraction | SW-846 3510C | 1 | | 12/16/99 0810 | Ginelle L. Haines |
| 4678 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/16/99 1757 | Timothy Trees |
| 4679 | TCL SW846 Semivolatiles/Waters | SW-846 8270C | 1 | | 12/16/99 1757 | Timothy Trees |
| 1123 | Cyanide (Reactivity) | SW-846 9012 | 1 | | 12/16/99 1225 | Mark A. Buckwalter |
| 0200 | pH | EPA 150.1 | 1 | | 12/16/99 0740 | Daniel S. Smith |
| 0430 | Flash Point for Liquids | ASTM D 93-90 | 1 | | 12/14/99 1025 | Susan A. Engle |
| 1121 | Reactivity | SW-846 Chapter 7.3 | 1 | | 12/16/99 0840 | Susan E. Hibner |
| 1122 | Sulfide (Reactivity) | SW-846 9034 | 1 | | 12/16/99 0840 | Susan E. Hibner |

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: L993481AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 108 | 103 | 4 | 103 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 87 | 86 | 1 | 83 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 105 | 102 | 3 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 1 | 93 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 107 | 1 | 103 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 80 | 80 | 0 | 83 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 72 | 67 | 7 | 107 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 112 | 3 | 108 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 111 | 107 | 3 | 106 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 104 | 1 | 99 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 98 | 1 | 94 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 95 | 95 | 0 | 97 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 102 | 102 | 1 | 97 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 101 | 100 | 1 | 96 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 95 | 93 | 2 | 94 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 99 | 100 | 0 | 97 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 107 | 1 | 104 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 93 | 90 | 3 | 96 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 111 | 110 | 1 | 102 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 85 | 84 | 1 | 94 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 106 | 105 | 0 | 103 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 112 | 1 | 105 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 94 | 92 | 2 | 99 | | | 83 | 120 |

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 Bromoform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 79 | 77 | 3 | 96 | | | 65 | 128 |
| 6308 4-Methyl-2-pentanone | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 93 | 93 | 1 | 94 | | | 72 | 131 |
| 6309 2-Hexanone | | | | | | | | | | | |
| 7. | ug/l | N.D. | | 92 | 92 | 0 | 92 | | | 64 | 131 |
| 5409 Tetrachloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 122 | 121 | 1 | 113 | | | 78 | 144 |
| 5407 Toluene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 89 | 121 |
| 5413 Chlorobenzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 108 | 0 | 103 | | | 91 | 120 |
| 5415 Ethylbenzene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 91 | 122 |
| 5418 Styrene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 106 | 1 | 107 | | | 92 | 120 |
| 6310 Xylene (Total) | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 113 | 1 | 109 | | | 92 | 123 |
| 5392 trans-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 104 | 101 | 3 | 99 | | | 85 | 130 |
| 5395 cis-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 110 | 110 | 0 | 104 | | | 89 | 125 |
| 1751 Chromium | | Batch: 993491848009 | | | | | | | | | |
| 0.0098 | mg/l | N.D. | 0 (1) | 102 | 102 | 0 | 101 | | | 80 | 120 |
| 7035 Arsenic TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0050 | mg/l | N.D. | 0 (1) | 97 | 97 | 0 | 100 | | | 80 | 120 |
| 7036 Selenium TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0044 | mg/l | N.D. | 0 (1) | 93 | 93 | 0 | 98 | | | 80 | 120 |
| 7046 Barium TR | | Batch: 993491848009 | | | | | | | | | |
| 0.00049 | mg/l | 0.00095J mg/l | 0 (1) | 100 | 100 | 0 | 101 | | | 80 | 120 |
| 7049 Cadmium TR | | Batch: 993491848009 | | | | | | | | | |
| 0.00081 | mg/l | N.D. | 0 (1) | 100 | 100 | 0 | 102 | | | 80 | 120 |
| 7053 Copper TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0029 | mg/l | N.D. | 0 (1) | 104 | 104 | 0 | 102 | | | 80 | 120 |
| 7055 Lead TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0079 | mg/l | N.D. | 0 (1) | 100 | 100 | 0 | 100 | | | 80 | 120 |
| 7066 Silver TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0017 | mg/l | N.D. | 2 | 104 | 104 | 0 | 101 | | | 80 | 120 |
| 7072 Zinc TR | | Batch: 993491848009 | | | | | | | | | |
| 0.0030 | mg/l | N.D. | 3 | 95 | 94 | 1 | 99 | | | 80 | 120 |
| 0259 Mercury | | Batch: 993495713002 | | | | | | | | | |
| 0.00010 | mg/l | N.D. | 0 (1) | 103 | 103 | 0 | 110 | | | 80 | 120 |
| 0937 TCL Pesticides in Waters | | Batch: 993480006A | | | | | | | | | |
| 1600 Alpha BHC | | | | | | | | | | | |
| 0.0095 | ug/l | N.D. | | 105 | 110 | 16 | 108 | | | 49 | 151 |
| 1601 Beta BHC | | | | | | | | | | | |
| 0.0095 | ug/l | N.D. | | 115 | 124 | 18 | 119 | | | 64 | 122 |

(1) The result for one or both determinations was less than five times the LOQ.

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1603 | Delta BHC | | | | | | | | | | | |
| | 0.047 | ug/l | N.D. | | 136 | 142 | 15 | 116 | | | 64 | 132 |
| 1602 | Gamma BHC - Lindane | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 112 | 119 | 16 | 113 | | | 57 | 143 |
| 1604 | Heptachlor | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 102 | 101 | 10 | 92 | | | 38 | 129 |
| 1605 | Aldrin | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 102 | 100 | 8 | 92 | | | 42 | 112 |
| 1606 | Heptachlor Epoxide | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 183 | 162 | 2 | 117 | | | 52 | 136 |
| 1616 | Endosulfan I | | | | | | | | | | | |
| | 0.20 | ug/l | N.D. | | 111 | 113 | 11 | 101 | | | 37 | 146 |
| 1610 | Dieldrin | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 86 | 92 | 14 | 103 | | | 50 | 145 |
| 1607 | DDE | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 112 | 117 | 15 | 97 | | | 46 | 140 |
| 1611 | Endrin | | | | | | | | | | | |
| | 0.095 | ug/l | N.D. | | 117 | 123 | 16 | 116 | | | 68 | 156 |
| 1615 | Endosulfan II | | | | | | | | | | | |
| | 0.095 | ug/l | N.D. | | 104 | 109 | 15 | 109 | | | 42 | 143 |
| 1608 | DDD | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 107 | 114 | 16 | 108 | | | 60 | 134 |
| 1617 | Endosulfan Sulfate | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 115 | 120 | 14 | 121 | | | 67 | 132 |
| 1609 | DDT | | | | | | | | | | | |
| | 0.0038 | ug/l | N.D. | | 127 | 133 | 15 | 91 | | | 34 | 162 |
| 0938 | Endrin Ketone | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 113 | 120 | 16 | 110 | | | 74 | 115 |
| 1860 | Methoxychlor | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 128 | 133 | 14 | 92 | | | 72 | 160 |
| 1361 | Alpha Chlordane | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 109 | 115 | 14 | 113 | | | 70 | 117 |
| 1362 | Gamma Chlordane | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 113 | 117 | 13 | 107 | | | 60 | 107 |
| 1613 | Toxaphene | | | | | | | | | | | |
| | 1.4 | ug/l | N.D. | | | | | | | | | |
| 1618 | Endrin Aldehyde | | | | | | | | | | | |
| | 0.019 | ug/l | N.D. | | 106 | 112 | 16 | 104 | | | 52 | 142 |
| 1619 | PCB-1016 | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1620 | PCB-1221 | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1621 | PCB-1232 | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1622 | PCB-1242 | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1623 | PCB-1248 | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1624 | PCB-1254 | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1626 PCB-1260 | | | | | | | | | | | | |
| | 0.47 | ug/l | N.D. | | | | | | | | | |
| 1316 AppendixIX Herbicides - Waters | | | Batch: 993490018A | | | | | | | | | |
| 0288 2,4-D | | | | | | | | | | | | |
| | 0.095 | ug/l | N.D. | | 80 | 99 | 21 | 92 | | | 36 | 168 |
| 1314 Dinoseb | | | | | | | | | | | | |
| | 0.048 | ug/l | N.D. | | 88 | 75 | 17 | 59 | | | 14 | 108 |
| 0289 2,4,5-TP | | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 88 | 101 | 10 | 91 | | | 33 | 161 |
| 1315 2,4,5-T | | | | | | | | | | | | |
| | 0.0095 | ug/l | N.D. | | 89 | 95 | 5 | 96 | | | 59 | 156 |
| 4678 TCL SW846 Semivolatiles/Waters | | | Batch: 99350WAB026 | | | | | | | | | |
| 3925 Phenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 46 | 47 | 3 | 29 | 64 |
| 3936 bis(2-Chloroethyl)ether | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 100 | 101 | 2 | 61 | 122 |
| 3924 2-Chlorophenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 88 | 96 | 8 | 61 | 123 |
| 3937 1,3-Dichlorobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 51 | 55 | 7 | 43 | 104 |
| 3938 1,4-Dichlorobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 53 | 57 | 6 | 39 | 109 |
| 3939 1,2-Dichlorobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 61 | 65 | 6 | 48 | 111 |
| 4680 2-Methylphenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 92 | 96 | 4 | 50 | 117 |
| 4681 2,2'-oxybis(1-Chloropropane) | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 93 | 94 | 1 | 54 | 149 |
| 4682 4-Methylphenol | | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 85 | 87 | 2 | 47 | 112 |
| 3942 N-Nitroso-di-n-propylamine | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 98 | 100 | 1 | 52 | 141 |
| 3941 Hexachloroethane | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 33 | 36 | 9 | 25 | 96 |
| 3943 Nitrobenzene | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 95 | 102 | 7 | 58 | 126 |
| 3944 Isophorone | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 91 | 94 | 3 | 66 | 123 |
| 3926 2-Nitrophenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 89 | 98 | 9 | 61 | 133 |
| 3927 2,4-Dimethylphenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 93 | 99 | 6 | 62 | 124 |
| 3945 bis(2-Chloroethoxy)methane | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 96 | 100 | 4 | 57 | 125 |
| 3928 2,4-Dichlorophenol | | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 92 | 99 | 7 | 57 | 122 |

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WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3946 1,2,4-Trichlorobenzene | 0.9 | ug/l | N.D. | | | | | 60 | 67 | 10 | 47 | 107 |
| 3947 Naphthalene | 0.9 | ug/l | N.D. | | | | | 78 | 84 | 8 | 57 | 113 |
| 3871 4-Chloroaniline | 0.9 | ug/l | N.D. | | | | | 69 | 74 | 6 | 30 | 123 |
| 3948 Hexachlorobutadiene | 2. | ug/l | N.D. | | | | | 21 | 25 | 17 | 19 | 95 |
| 3929 4-Chloro-3-methylphenol | 0.9 | ug/l | N.D. | | | | | 100 | 103 | 3 | 63 | 128 |
| 3905 2-Methylnaphthalene | 0.9 | ug/l | N.D. | | | | | 77 | 81 | 5 | 42 | 131 |
| 3949 Hexachlorocyclopentadiene | 5. | ug/l | N.D. | | | | | 29 | 34 | 16 | 6 | 89 |
| 3930 2,4,6-Trichlorophenol | 2. | ug/l | N.D. | | | | | 87 | 98 | 12 | 57 | 134 |
| 3922 2,4,5-Trichlorophenol | 2. | ug/l | N.D. | | | | | 91 | 100 | 9 | 61 | 131 |
| 3950 2-Chloronaphthalene | 0.9 | ug/l | N.D. | | | | | 78 | 85 | 8 | 60 | 116 |
| 3907 2-Nitroaniline | 2. | ug/l | N.D. | | | | | 93 | 98 | 5 | 49 | 131 |
| 3952 Dimethylphthalate | 2. | ug/l | N.D. | | | | | 36 | 35 | 1 | 1 | 103 |
| 3951 Acenaphthylene | 0.9 | ug/l | N.D. | | | | | 83 | 86 | 4 | 62 | 113 |
| 4679 TCL SW846 Semivolatiles/Waters | | | Batch: 99350WAB026 | | | | | | | | | |
| 3908 3-Nitroaniline | 2. | ug/l | N.D. | | | | | 66 | 63 | 5 | 26 | 141 |
| 3954 Acenaphthene | 0.9 | ug/l | N.D. | | | | | 84 | 86 | 3 | 60 | 117 |
| 3931 2,4-Dinitrophenol | 19. | ug/l | N.D. | | | | | 45 | 77 | 52 | 18 | 135 |
| 3932 4-Nitrophenol | 9. | ug/l | N.D. | | | | | 38 | 45 | 15 | 20 | 79 |
| 3879 Dibenzofuran | 0.9 | ug/l | N.D. | | | | | 85 | 90 | 5 | 71 | 113 |
| 3955 2,4-Dinitrotoluene | 0.9 | ug/l | N.D. | | | | | 98 | 101 | 3 | 62 | 129 |
| 3953 2,6-Dinitrotoluene | 2. | ug/l | N.D. | | | | | 106 | 108 | 2 | 68 | 126 |
| 3958 Diethylphthalate | 2. | ug/l | N.D. | | | | | 73 | 73 | 0 | 18 | 120 |
| 3957 4-Chlorophenyl-phenylether | 0.9 | ug/l | N.D. | | | | | 82 | 88 | 8 | 60 | 121 |
| 3956 Fluorene | 0.9 | ug/l | N.D. | | | | | 87 | 93 | 6 | 62 | 127 |

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3909 | 4-Nitroaniline | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 84 | 86 | 2 | 69 | 121 |
| 3933 | 4,6-Dinitro-2-methylphenol | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | | | | 77 | 97 | 23 | 31 | 150 |
| 3960 | N-Nitrosodiphenylamine | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 96 | 102 | 7 | 61 | 125 |
| 3961 | 4-Bromophenyl-phenylether | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 88 | 90 | 2 | 65 | 123 |
| 3962 | Hexachlorobenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 93 | 93 | 0 | 59 | 129 |
| 3934 | Pentachlorophenol | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 67 | 85 | 24 | 36 | 135 |
| 3963 | Phenanthrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 96 | 99 | 3 | 69 | 121 |
| 3964 | Anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 97 | 98 | 1 | 67 | 121 |
| 4684 | Carbazole | | | | | | | | | | | |
| | 3. | ug/l | N.D. | | | | | 97 | 100 | 3 | 78 | 115 |
| 3965 | Di-n-butylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 88 | 92 | 5 | 58 | 125 |
| 3966 | Fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 94 | 98 | 4 | 66 | 124 |
| 3967 | Pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 98 | 101 | 3 | 63 | 125 |
| 3969 | Butylbenzylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 88 | 89 | 1 | 43 | 126 |
| 3972 | 3,3'-Dichlorobenzidine | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 65 | 65 | 0 | 15 | 140 |
| 3970 | Benzo(a)anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 92 | 97 | 4 | 67 | 120 |
| 3973 | bis(2-Ethylhexyl)phthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 109 | 109 | 0 | 64 | 129 |
| 3971 | Chrysene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 99 | 103 | 4 | 67 | 121 |
| 3974 | Di-n-octylphthalate | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | | | | 102 | 107 | 4 | 68 | 138 |
| 3975 | Benzo(b)fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 88 | 91 | 3 | 64 | 120 |
| 3976 | Benzo(k)fluoranthene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 94 | 97 | 3 | 68 | 124 |
| 3977 | Benzo(a)pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 95 | 97 | 2 | 68 | 124 |
| 3978 | Indeno(1,2,3-cd)pyrene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 99 | 104 | 5 | 65 | 129 |
| 3979 | Dibenz(a,h)anthracene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 100 | 104 | 4 | 66 | 128 |
| 3980 | Benzo(g,h,i)perylene | | | | | | | | | | | |
| | 0.9 | ug/l | N.D. | | | | | 103 | 102 | 1 | 66 | 128 |
| 1123 | Cyanide (Reactivity) | | Batch: 99350104101 | | | | | | | | | |
| | 100. | mg/kg | N.D. | 0 (1) | 2 | 3 | 22 | 105 | | | 88 | 121 |

(1) The result for one or both determinations was less than five times the LOQ.

FEB 04 2000

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0200 pH | | | Batch: 993500237020000A | | | | | | | | | |
| | 0.010 | | | 0 | | | | 100 | 100 | 0 | 98 | 102 |
| 0430 Flash Point for Liquids | | Degrees F | Batch: 993480227043000A | | | | | 102 | 98 | 4 | 97 | 103 |
| 1121 Reactivity | | see below | Batch: 993500416112100A | | | | | | | | | |
| 1122 Sulfide (Reactivity) | 39. | mg/kg | Batch: 993500416112100A N.D. | | 73 | 68 | 7 | 88 | | | 80 | 120 |

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**LLI Sample No. 3290434**

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

SURROGATE SUMMARY

| TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|
| 0937 TCL Pesticides in Waters | TCX | 90 | 36 | 121 |
| | DCB | 100 | 19 | 153 |
| 1316 AppendixIX Herbicides - Waters | DCAA | 413 | 37 | 151 |
| 4678 TCL SW846 Semivolatiles/Waters | 2-Flphenol | 64 | 15 | 113 |
| | Phenol-d6 | 43 | 9 | 77 |
| | 2,4,6-TBP | 88 | 32 | 157 |
| 4679 TCL SW846 Semivolatiles/Waters | Nitrobz-d5 | 90 | 55 | 130 |
| | 2-Fbiphnyl | 83 | 57 | 117 |
| | Tphenyld14 | 82 | 42 | 139 |
| 6291 TCL by 8260 (water) | DBFM | 95 | 86 | 118 |
| | d4-1,2-DCA | 100 | 80 | 120 |
| | d8-toluene | 102 | 88 | 110 |
| | 4-BFB | 98 | 86 | 115 |

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**LLI Sample No. WW 3290435**
Collected: 12/14/99 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
1213S SDG#: DCC84-02SB

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
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480 0.00 00000000 ASR000

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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Lab Sample No. WW 3290435
Collected: 12/14/99 by LAB

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
RCS SDG#: DCC84-02SB

| CAS NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
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**LLI Sample No. WW 3290435**
Collected: 12/14/99 by LAB

Submitted: 12/14/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
1213S SDG#: DCC84-02SB

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/15/99 1214 | Joel R. Nace |

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**LLI Sample No. 3290435**

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: L993481AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 108 | 103 | 4 | 103 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 87 | 86 | 1 | 83 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 105 | 102 | 3 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 1 | 93 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 107 | 1 | 103 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 80 | 80 | 0 | 83 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 72 | 67 | 7 | 107 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 112 | 3 | 108 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 111 | 107 | 3 | 106 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 104 | 1 | 99 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 98 | 1 | 94 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 95 | 95 | 0 | 97 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 102 | 102 | 1 | 97 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 101 | 100 | 1 | 96 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 95 | 93 | 2 | 94 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 99 | 100 | 0 | 97 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 107 | 1 | 104 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 93 | 90 | 3 | 96 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 111 | 110 | 1 | 102 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 85 | 84 | 1 | 94 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 106 | 105 | 0 | 103 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 112 | 1 | 105 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 94 | 92 | 2 | 99 | | | 83 | 120 |

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**LLI Sample No. 3290435**

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 Bromoform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 79 | 77 | 3 | 96 | | | 65 | 128 |
| 6308 4-Methyl-2-pentanone | | | | | | | | | | | |
| 5. | ug/l | N.D. | | 93 | 93 | 1 | 94 | | | 72 | 131 |
| 6309 2-Hexanone | | | | | | | | | | | |
| 7. | ug/l | N.D. | | 92 | 92 | 0 | 92 | | | 64 | 131 |
| 5409 Tetrachloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 122 | 121 | 1 | 113 | | | 78 | 144 |
| 5407 Toluene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 89 | 121 |
| 5413 Chlorobenzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 108 | 0 | 103 | | | 91 | 120 |
| 5415 Ethylbenzene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 91 | 122 |
| 5418 Styrene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 106 | 1 | 107 | | | 92 | 120 |
| 6310 Xylene (Total) | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 113 | 1 | 109 | | | 92 | 123 |
| 5392 trans-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 104 | 101 | 3 | 99 | | | 85 | 130 |
| 5395 cis-1,2-Dichloroethene | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 110 | 110 | 0 | 104 | | | 89 | 125 |

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**LLI Sample No. 3290435**

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

SURROGATE SUMMARY

| | TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | DBFM | 95 | 86 | 118 |
| | | d4-1,2-DCA | 102 | 80 | 120 |
| | | d8-toluene | 102 | 88 | 110 |
| | | 4-BFB | 97 | 86 | 115 |

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FEB 1 4 2000



**LLI Sample No. WW 3290436**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT12 SDG#: DCC84-03TB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |

See Page 2

1 COPY TO Leggette, Brashears & Graham ATTN: Mr. Ken Vogel

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300
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480 0.00 00000000 ASR000

Robert McLogan for

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
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**LLI Sample No. WW 3290436**
Collected: 12/13/99 at 17:30 by CH

Account No: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

P.O. N99C403749-A
Rel. YGQP9900271

Submitted: 12/14/99 Reported: 12/23/99
Discard: 02/22/00

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT12 SDG#: DCC84-03TB*

| CAT NO. | ANALYSIS NAME | AS RECEIVED RESULTS | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| TCL by 8260 (water) | | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

The sample for the GC/MS volatile analysis was received with headspace.

Questions? Contact your Client Services Representative
Kathy Klinefelter at (717) 656-2300

Respectfully Submitted
Duane A. Luckenbill, B.S.
Group Leader, GC/MS Volatiles

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

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See reverse side for explanation of symbols and abbreviations.

&&&

Analysis Report
LABORATORY CHRONICLE

Lancaster Laboratories
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**LLI Sample No. WW 3290436**
Collected: 12/13/99 at 17:30 by CH

Submitted: 12/14/99

Account No: 10160
DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH
WLT12 SDG#: DCC84-03TB*

| CAT NO | ANALYSIS NAME | METHOD | TRIAL | ANALYSIS ID | DATE AND TIME | ANALYST |
|---|---|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | SW-846 8260B | 1 | | 12/15/99 0635 | Marc S. Neal |

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**LLI Sample No. 3290436**

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | Batch: L993481AB | | | | | | | | | |
| 5385 Chloromethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 108 | 103 | 4 | 103 | | | 57 | 143 |
| 5387 Bromomethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 87 | 86 | 1 | 83 | | | 17 | 129 |
| 5386 Vinyl Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 105 | 102 | 3 | 98 | | | 63 | 140 |
| 5388 Chloroethane | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 99 | 98 | 1 | 93 | | | 24 | 133 |
| 5391 Methylene Chloride | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 108 | 107 | 1 | 103 | | | 84 | 127 |
| 6302 Acetone | | | | | | | | | | | |
| 6. | ug/l | N.D. | | 80 | 80 | 0 | 83 | | | 64 | 126 |
| 6303 Carbon Disulfide | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 72 | 67 | 7 | 107 | | | 70 | 118 |
| 5390 1,1-Dichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 115 | 112 | 3 | 108 | | | 85 | 135 |
| 5393 1,1-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 111 | 107 | 3 | 106 | | | 86 | 128 |
| 5396 Chloroform | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 104 | 104 | 1 | 99 | | | 86 | 125 |
| 5402 1,2-Dichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 97 | 98 | 1 | 94 | | | 81 | 130 |
| 6305 2-Butanone | | | | | | | | | | | |
| 3. | ug/l | N.D. | | 95 | 95 | 0 | 97 | | | 65 | 139 |
| 5398 1,1,1-Trichloroethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 102 | 102 | 1 | 97 | | | 82 | 131 |
| 5399 Carbon Tetrachloride | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 101 | 100 | 1 | 96 | | | 81 | 129 |
| 5406 Bromodichloromethane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 95 | 93 | 2 | 94 | | | 86 | 120 |
| 5421 1,1,2,2-Tetrachloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 99 | 100 | 0 | 97 | | | 65 | 133 |
| 5404 1,2-Dichloropropane | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 108 | 107 | 1 | 104 | | | 86 | 122 |
| 6306 trans-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 93 | 90 | 3 | 96 | | | 83 | 119 |
| 5403 Trichloroethene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 111 | 110 | 1 | 102 | | | 89 | 128 |
| 5411 Dibromochloromethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 85 | 84 | 1 | 94 | | | 80 | 122 |
| 5408 1,1,2-Trichloroethane | | | | | | | | | | | |
| 2. | ug/l | N.D. | | 106 | 105 | 0 | 103 | | | 86 | 121 |
| 5401 Benzene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 113 | 112 | 1 | 105 | | | 88 | 125 |
| 6307 cis-1,3-Dichloropropene | | | | | | | | | | | |
| 1. | ug/l | N.D. | | 94 | 92 | 2 | 99 | | | 83 | 120 |

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Where quality is a science.



**LLI Sample No. 3290436**

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

| | SAMPLE MDL | SAMPLE UNITS | BLANK | DUP RPD | MS | MSD | MS RPD | LCS | LCS DUP | LCS RPD | LCS LIMITS LOW | LCS LIMITS HIGH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5419 | Bromoform | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 79 | 77 | 3 | 96 | | | 65 | 128 |
| 6308 | 4-Methyl-2-pentanone | | | | | | | | | | | |
| | 5. | ug/l | N.D. | | 93 | 93 | 1 | 94 | | | 72 | 131 |
| 6309 | 2-Hexanone | | | | | | | | | | | |
| | 7. | ug/l | N.D. | | 92 | 92 | 0 | 92 | | | 64 | 131 |
| 5409 | Tetrachloroethene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 122 | 121 | 1 | 113 | | | 78 | 144 |
| 5407 | Toluene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 89 | 121 |
| 5413 | Chlorobenzene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 108 | 108 | 0 | 103 | | | 91 | 120 |
| 5415 | Ethylbenzene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 113 | 112 | 1 | 106 | | | 91 | 122 |
| 5418 | Styrene | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 108 | 106 | 1 | 107 | | | 92 | 120 |
| 6310 | Xylene (Total) | | | | | | | | | | | |
| | 1. | ug/l | N.D. | | 115 | 113 | 1 | 109 | | | 92 | 123 |
| 5392 | trans-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 104 | 101 | 3 | 99 | | | 85 | 130 |
| 5395 | cis-1,2-Dichloroethene | | | | | | | | | | | |
| | 2. | ug/l | N.D. | | 110 | 110 | 0 | 104 | | | 89 | 125 |

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**LLI Sample No. 3290436**

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

Group No. 695456
DaimlerChrysler Corporation

SURROGATE SUMMARY

| | TRIAL ID | SURROGATE | RECOVERY % | SURROGATE LIMITS LOW | HIGH |
|---|---|---|---|---|---|
| 6291 TCL by 8260 (water) | | DBFM | 96 | 86 | 118 |
| | | d4-1,2-DCA | 100 | 80 | 120 |
| | | d8-toluene | 104 | 88 | 110 |
| | | 4-BFB | 97 | 86 | 115 |

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# FAX Cover Page

Pages 6

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

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

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATIO

**Fax:** 16514901006

**From:** Kathy Klinefelter Ext 1566

**Message:**

Frac tank # 4109

Sample : W24109 2

RFA-271 E

Have :
React. SVOC
Corros. Ignit.
Metals PCB
VOC
Pest

Need .
~~SVOC~~
~~PCB~~
~~Pest~~
Herb
~~Ignit.~~

Fuel to CFH @ Dayton Trailer

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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/13/99

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0200 | pH | 7.38 | 0.010 | |
| 0430 | Flash Point for Liquids | No Flash Observed | | `Degrees F |

No flash observed below 151F.
Test flame extinguished at 99F.
Flash point was determined using Pensky Martens closed cup apparatus.
==========

| | | | | |
|---|---|---|---|---|
| 0496 | Corrosivity | See Below | | See Below |

Corrosivity:
The pH of the sample was 7.38 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.
==========

| | | | | |
|---|---|---|---|---|
| 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. | 39. | mg/kg |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |
| 1751 | Chromium | 0.0171 J | 0.0098 | mg/l |
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |

| | | | | |
|---|---|---|---|---|
| 5391 | Methylene Chloride | 12. | 2. | ug/l |



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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | | |
|---|---|---|---|---|---|
| 6302 | Acetone | 24. | | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | 2. | J | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | 16. | | 2. | ug/l |
| 5396 | Chloroform | 1. | J | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | | 2. | ug/l |
| 6305 | 2-Butanone | 7. | J | 3. | ug/l |
| 5398 | 1,1,1-Trichloroethane | 60. | | 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. | | 2. | ug/l |
| 5404 | 1,2-Dichloropropane | N.D. | | 1. | ug/l |
| 6306 | trans-1,3-Dichloropropene | N.D. | | 1. | ug/l |
| 5403 | Trichloroethene | 4. | J | 1. | ug/l |
| 5411 | Dibromochloromethane | N.D. | | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 2. | 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. | | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | | 7. | ug/l |
| 5409 | Tetrachloroethene | 7. | | 1. | ug/l |
| 5407 | Toluene | 29. | | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 2. | ug/l |
| 5418 | Styrene | N.D. | | 1. | ug/l |
| 6310 | Xylene (Total) | 9. | | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | | 2. | ug/l |

==========

| | | | | | |
|---|---|---|---|---|---|
| 7035 | Arsenic TR | 0.0087 | J | 0.0050 | mg/l |
| 7036 | Selenium TR | N.D. | | 0.0044 | mg/l |
| 7046 | Barium TR | 0.0778 | | 0.00049 | mg/l |
| 7049 | Cadmium TR | 0.0070 | | 0.00081 | mg/l |
| 7053 | Copper TR | 0.201 | | 0.0029 | mg/l |
| 7055 | Lead TR | 0.264 | | 0.0079 | mg/l |
| 7066 | Silver TR | N.D. | | 0.0017 | mg/l |
| 7072 | Zinc TR | 0.456 | | 0.0030 | mg/l |

Frac Tank #4109, second load, second sample
==========

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

Sample Number: WW3290435 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/14/99

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |

| | | | | |
|---|---|---|---|---|
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |



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

Sample Number: WW3290435 Account: 10160 DAIMLERCHRYSLER CORPORATION

==========

Sample Number: WW3290436 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/13/99

Trip Blank Water Sample
Site Code: SC001 RFA# YGOP9900271
Dayton Thermal/Dayton, OH

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

The sample for the GC/MS volatile analysis was received with headspace.

==========

| | | | | |
|---|---|---|---|---|
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |

| | | | | |
|---|---|---|---|---|
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |



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

Sample Number: WW3290436 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

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# FAX Cover Page

Pages 2

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

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

**Deliver to:** Mr. Ken Vogel

**Company:** DAIMLERCHRYSLER CORPORATIO

**Fax:** 16514901006

**From:** Kathy Klinefelter Ext 1566

**Message:**

WL41092

Mercury

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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/13/99

WL41092 Grab Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0259 | Mercury | 0.00021 | 0.00010 | mg/l |

Frac Tank #4109, second load, second sample
==========

Sample Number: WW3290435 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/14/99

Storage Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

Sample Number: WW3290436 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/13/99

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

| ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|

Lancaster Laboratories
Where quality is a science.

# FAX Cover Page

Pages 8

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**2425 New Holland Pike**
**Lancaster, PA 17605-2425**

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

**Deliver to:** Mr. Mike Plant

**Company:** DAIMLERCHRYSLER CORPORATIO

**Fax:** 16514901006

**From:** Kathy Klinefelter Ext 1566

**Message:**

WL41092

Pest
PCB

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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/13/99

WL41092 Grab Water Sample
Site Code: SC001 RFA# YG0P9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 0200 | pH | 7.38 | 0.010 | |
| 0259 | Mercury | 0.00021 | 0.00010 | mg/l |
| 0430 | Flash Point for Liquids | No Flash Observed | | Degrees F |

No flash observed below 151F.
Test flame extinguished at 99F.
*Flash point was determined using Pensky Martens closed cup apparatus.*
==========

| | | | | |
|---|---|---|---|---|
| 0496 | Corrosivity | See Below | | See Below |

Corrosivity:
The pH of the sample was 7.38 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
Due to interfering peaks on the chromatogram, the values reported represent
the lowest quantitation limits obtainable.
==========

| | | | | |
|---|---|---|---|---|
| 1600 | Alpha BHC | N.D. | 0.0095 | ug/l |
| 1601 | Beta BHC | N.D. | 0.0095 | ug/l |
| 1603 | Delta BHC | N.D. | 0.047 | ug/l |
| 1602 | Gamma BHC - Lindane | N.D. | 0.0095 | ug/l |
| 1604 | Heptachlor | N.D. | 0.0095 | ug/l |
| 1605 | Aldrin | N.D. | 0.0095 | ug/l |
| 1606 | Heptachlor Epoxide | N.D. | 0.0095 | ug/l |
| 1616 | Endosulfan I | N.D. | 0.20 | ug/l |
| 1610 | Dieldrin | N.D. | 0.019 | ug/l |
| 1607 | DDE | N.D. | 0.019 | ug/l |
| 1611 | Endrin | N.D. | 0.095 | ug/l |
| 1615 | Endosulfan II | N.D. | 0.095 | ug/l |
| 1608 | DDD | N.D. | 0.019 | ug/l |

| | | | | |
|---|---|---|---|---|
| 1617 | Endosulfan Sulfate | N.D. | 0.019 | ug/l |



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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 1609 | DDT | N.D. | 0.0038 | ug/l |
| 0938 | Endrin Ketone | N.D. | 0.019 | ug/l |
| 1860 | Methoxychlor | N.D. | 0.019 | ug/l |
| 1361 | Alpha Chlordane | N.D. | 0.0095 | ug/l |
| 1362 | Gamma Chlordane | N.D. | 0.0095 | ug/l |
| 1613 | Toxaphene | N.D. | 1.4 | ug/l |
| 1618 | Endrin Aldehyde | N.D. | 0.019 | ug/l |
| 1619 | PCB-1016 | N.D. | 0.47 | ug/l |
| 1620 | PCB-1221 | N.D. | 0.47 | ug/l |
| 1621 | PCB-1232 | N.D. | 0.47 | ug/l |
| 1622 | PCB-1242 | N.D. | 0.47 | ug/l |
| 1623 | PCB-1248 | N.D. | 0.47 | ug/l |
| 1624 | PCB-1254 | 5.2 | 0.47 | ug/l |
| 1626 | PCB-1260 | N.D. | 0.47 | ug/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. | 39. | mg/kg |
| 1123 | Cyanide (Reactivity) | N.D. | 100. | mg/kg |
| 1751 | Chromium | 0.0171 J | 0.0098 | mg/l |
| 4678 | TCL SW846 Semivolatiles/Waters | | | |
| 3925 | Phenol | N.D. | 0.9 | ug/l |
| 3936 | bis(2-Chloroethyl)ether | N.D. | 0.9 | ug/l |
| 3924 | 2-Chlorophenol | N.D. | 0.9 | ug/l |
| 3937 | 1,3-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3938 | 1,4-Dichlorobenzene | N.D. | 0.9 | ug/l |
| 3939 | 1,2-Dichlorobenzene | 1. J | 0.9 | ug/l |
| 4680 | 2-Methylphenol | 2. J | 0.9 | ug/l |
| 4681 | 2,2'-oxybis(1-Chloropropane) | N.D. | 0.9 | ug/l |
| 4682 | 4-Methylphenol | N.D. | 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. | 0.9 | ug/l |
| 3941 | Hexachloroethane | N.D. | 0.9 | ug/l |
| 3943 | Nitrobenzene | N.D. | 0.9 | ug/l |
| 3944 | Isophorone | N.D. | 0.9 | ug/l |

| | | | | |
|---|---|---|---|---|
| 3926 | 2-Nitrophenol | N.D. | 0.9 | ug/l |



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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 3927 | 2,4-Dimethylphenol | N.D. | 0.9 | ug/l |
| 3945 | bis(2-Chloroethoxy)methane | N.D. | 0.9 | ug/l |
| 3928 | 2,4-Dichlorophenol | N.D. | 0.9 | ug/l |
| 3946 | 1,2,4-Trichlorobenzene | N.D. | 0.9 | ug/l |
| 3947 | Naphthalene | N.D. | 0.9 | ug/l |
| 3871 | 4-Chloroaniline | N.D. | 0.9 | ug/l |
| 3948 | Hexachlorobutadiene | N.D. | 2. | ug/l |
| 3929 | 4-Chloro-3-methylphenol | N.D. | 0.9 | ug/l |
| 3905 | 2-Methylnaphthalene | N.D. | 0.9 | 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. | 0.9 | ug/l |
| 3907 | 2-Nitroaniline | N.D. | 2. | ug/l |
| 3952 | Dimethylphthalate | N.D. | 2. | ug/l |
| 3951 | Acenaphthylene | N.D. | 0.9 | 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. | | 0.9 | ug/l |
| 3931 | 2,4-Dinitrophenol | N.D. | | 19. | ug/l |
| 3932 | 4-Nitrophenol | N.D. | | 9. | ug/l |
| 3879 | Dibenzofuran | N.D. | | 0.9 | ug/l |
| 3955 | 2,4-Dinitrotoluene | N.D. | | 0.9 | ug/l |
| 3953 | 2,6-Dinitrotoluene | N.D. | | 2. | ug/l |
| 3958 | Diethylphthalate | 3. | J | 2. | ug/l |
| 3957 | 4-Chlorophenyl-phenylether | N.D. | | 0.9 | ug/l |
| 3956 | Fluorene | 1. | J | 0.9 | 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. | | 0.9 | 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 | 3. | J | 0.9 | ug/l |
| 3964 | Anthracene | N.D. | | 0.9 | ug/l |
| 4684 | Carbazole | N.D. | | 3. | ug/l |
| 3965 | Di-n-butylphthalate | N.D. | | 2. | ug/l |

| | | | | | |
|---|---|---|---|---|---|
| 3966 | Fluoranthene | N.D. | | 0.9 | ug/l |



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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | | |
|---|---|---|---|---|---|
| 3967 | Pyrene | 3. | J | 0.9 | ug/l |
| 3969 | Butylbenzylphthalate | N.D. | | 2. | ug/l |
| 3972 | 3,3'-Dichlorobenzidine | N.D. | | 2. | ug/l |
| 3970 | Benzo(a)anthracene | 1. | J | 0.9 | ug/l |
| 3973 | bis(2-Ethylhexyl)phthalate | 2. | J | 2. | ug/l |
| 3971 | Chrysene | 1. | J | 0.9 | ug/l |
| 3974 | Di-n-octylphthalate | N.D. | | 2. | ug/l |
| 3975 | Benzo(b)fluoranthene | N.D. | | 0.9 | ug/l |
| 3976 | Benzo(k)fluoranthene | N.D. | | 0.9 | ug/l |
| 3977 | Benzo(a)pyrene | N.D. | | 0.9 | ug/l |
| 3978 | Indeno(1,2,3-cd)pyrene | N.D. | | 0.9 | ug/l |
| 3979 | Dibenz(a,h)anthracene | N.D. | | 0.9 | ug/l |
| 3980 | Benzo(g,h,i)perylene | N.D. | | 0.9 | ug/l |

==========

| | | | | | |
|---|---|---|---|---|---|
| 6291 | TCL by 8260 (Water) | | | | |
| 5385 | Chloromethane | N.D. | | 3. | ug/l |
| 5387 | Bromomethane | N.D. | | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | | 2. | ug/l |
| 5388 | Chloroethane | N.D. | | 3. | ug/l |
| 5391 | Methylene Chloride | 12. | | 2. | ug/l |
| 6302 | Acetone | 24. | | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | 2. | J | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | 16. | | 2. | ug/l |
| 5396 | Chloroform | 1. | J | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | | 2. | ug/l |
| 6305 | 2-Butanone | 7. | J | 3. | ug/l |
| 5398 | 1,1,1-Trichloroethane | 60. | | 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. | | 2. | ug/l |
| 5404 | 1,2-Dichloropropane | N.D. | | 1. | ug/l |
| 6306 | trans-1,3-Dichloropropene | N.D. | | 1. | ug/l |
| 5403 | Trichloroethene | 4. | J | 1. | ug/l |
| 5411 | Dibromochloromethane | N.D. | | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | | 2. | 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. | | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | | 7. | ug/l |
| 5409 | Tetrachloroethene | 7. | | 1. | ug/l |
| 5407 | Toluene | 29. | | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | | 2. | ug/l |
| 5418 | Styrene | N.D. | | 1. | ug/l |
| 6310 | Xylene (Total) | 9. | | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | | 2. | ug/l |

| | | | | |
|---|---|---|---|---|
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |



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

Sample Number: WW3290434 Account: 10160 DAIMLERCHRYSLER CORPORATION

==========

| | | | | |
|---|---|---|---|---|
| 7035 | Arsenic TR | 0.0087 J | 0.0050 | mg/l |
| 7036 | Selenium TR | N.D. | 0.0044 | mg/l |
| 7046 | Barium TR | 0.0778 | 0.00049 | mg/l |
| 7049 | Cadmium TR | 0.0070 | 0.00081 | mg/l |
| 7053 | Copper TR | 0.201 | 0.0029 | mg/l |
| 7055 | Lead TR | 0.264 | 0.0079 | mg/l |
| 7066 | Silver TR | N.D. | 0.0017 | mg/l |
| 7072 | Zinc TR | 0.456 | 0.0030 | mg/l |

Frac Tank #4109, second load, second sample
==========

Sample Number: WW3290435 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/14/99

Storage Blank Water Sample
Site Code: SC001 RFA# YG0P9900271
Dayton Thermal/Dayton, OH

| | ANALYSIS NAME | RESULT | METHOD DETECTION LIMIT | UNITS |
|---|---|---|---|---|
| 6291 | TCL by 8260 (water) | | | |
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | 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. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | ug/l |

| | | | | |
|---|---|---|---|---|
| 5401 | Benzene | N.D. | 1. | ug/l |



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

Sample Number: WW3290435 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 6307 | cis-1,3-Dichloropropene | N.D. | 1. | ug/l |
| 5419 | Bromoform | N.D. | 1. | ug/l |
| 6308 | 4-Methyl-2-pentanone | N.D. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

==========

Sample Number: WW3290436 Account: 10160 DAIMLERCHRYSLER CORPORATION
Date Submitted: 12/14/99 Date Reported: NOT REP
Date Collected: 12/13/99

Trip Blank Water Sample
Site Code: SC001 RFA# YGQP9900271
Dayton Thermal/Dayton, OH

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

The sample for the GC/MS volatile analysis was received with headspace.

==========

| | | | | |
|---|---|---|---|---|
| 5385 | Chloromethane | N.D. | 3. | ug/l |
| 5387 | Bromomethane | N.D. | 3. | ug/l |
| 5386 | Vinyl Chloride | N.D. | 2. | ug/l |
| 5388 | Chloroethane | N.D. | 3. | ug/l |
| 5391 | Methylene Chloride | N.D. | 2. | ug/l |
| 6302 | Acetone | N.D. | 6. | ug/l |
| 6303 | Carbon Disulfide | N.D. | 3. | ug/l |
| 5390 | 1,1-Dichloroethene | N.D. | 1. | ug/l |
| 5393 | 1,1-Dichloroethane | N.D. | 2. | ug/l |
| 5396 | Chloroform | N.D. | 1. | ug/l |
| 5402 | 1,2-Dichloroethane | N.D. | 2. | 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. | 2. | ug/l |
| 5404 | 1,2-Dichloropropane | N.D. | 1. | ug/l |

| | | | | |
|---|---|---|---|---|
| 6306 | trans-1,3-Dichloropropene | N.D. | 1. | ug/l |



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

Sample Number: WW3290436 Account: 10160 DAIMLERCHRYSLER CORPORATION

| | | | | |
|---|---|---|---|---|
| 5403 | Trichloroethene | N.D. | 1. | ug/l |
| 5411 | Dibromochloromethane | N.D. | 2. | ug/l |
| 5408 | 1,1,2-Trichloroethane | N.D. | 2. | 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. | 5. | ug/l |
| 6309 | 2-Hexanone | N.D. | 7. | ug/l |
| 5409 | Tetrachloroethene | N.D. | 1. | ug/l |
| 5407 | Toluene | N.D. | 2. | ug/l |
| 5413 | Chlorobenzene | N.D. | 1. | ug/l |
| 5415 | Ethylbenzene | N.D. | 2. | ug/l |
| 5418 | Styrene | N.D. | 1. | ug/l |
| 6310 | Xylene (Total) | N.D. | 1. | ug/l |
| 5392 | trans-1,2-Dichloroethene | N.D. | 2. | ug/l |
| 5395 | cis-1,2-Dichloroethene | N.D. | 2. | ug/l |

==========

| LAB_MP_ID | DATESAMP | ANLYZD | RECVD | CAS | PARAMETER | RESULT | QUAL | UNITS |
|---|---|---|---|---|---|---|---|---|
| WL41092 | 19991213 | 19991216 | 19991214 | PH | pH | 7.38 | | |
| WL41092 | 19991213 | 19991216 | 19991214 | 7439-97-6 | Mercury | 0.00021 | | MG/L |
| WL41092 | 19991213 | 19991214 | 19991214 | FLASHPT | Flash Point for Liquids | No Flash Observed | | DEGREES F |
| WL41092 | 19991213 | 19991216 | 19991214 | 53494-70-5 | Endrin Ketone | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 5103-71-9 | Alpha Chlordane | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 5103-74-2 | Gamma Chlordane | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 319-84-6 | Alpha BHC | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 319-85-7 | Beta BHC | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 58-89-9 | Gamma BHC - Lindane | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 319-86-8 | Delta BHC | 0.047 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 76-44-8 | Heptachlor | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 309-00-2 | Aldrin | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 1024-57-3 | Heptachlor Epoxide | 0.0095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 72-55-9 | DDE | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 72-54-8 | DDD | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 50-29-3 | DDT | 0.0038 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 60-57-1 | Dieldrin | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 72-20-8 | Endrin | 0.095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 8001-35-2 | Toxaphene | 1.4 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 33213-65-9 | Endosulfan II | 0.095 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 959-98-8 | Endosulfan I | 0.2 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 1031-07-8 | Endosulfan Sulfate | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7421-93-4 | Endrin Aldehyde | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 12674-11-2 | PCB-1016 | 0.47 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 11104-28-2 | PCB-1221 | 0.47 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 11141-16-5 | PCB-1232 | 0.47 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 53469-21-9 | PCB-1242 | 0.47 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 12672-29-6 | PCB-1248 | 0.47 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 11097-69-1 | PCB-1254 | 5.2 | | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 11096-82-5 | PCB-1260 | 0.47 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 72-43-5 | Methoxychlor | 0.019 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | SREACT | Sulfide (Reactivity) | 39 | U | MG/KG |
| WL41092 | 19991213 | 19991216 | 19991214 | CNREACT | Cyanide (Reactivity) | 100 | U | MG/KG |
| WL41092 | 19991213 | 19991218 | 19991214 | 94-75-7 | 2,4-D | 0.205 | J | UG/L |
| WL41092 | 19991213 | 19991218 | 19991214 | 93-72-1 | 2,4,5-TP | 0.474 | | UG/L |
| WL41092 | 19991213 | 19991218 | 19991214 | 88-85-7 | Dinoseb | 0.048 | U | UG/L |
| WL41092 | 19991213 | 19991218 | 19991214 | 93-76-5 | 2,4,5-T | 0.0361 | J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-47-3 | Chromium | 0.0171 | J | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 106-47-8 | 4-Chloroaniline | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 91-57-6 | 2-Methylnaphthalene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 88-74-4 | 2-Nitroaniline | 2 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 95-95-4 | 2,4,5-Trichlorophenol | 2 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 95-57-8 | 2-Chlorophenol | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 108-95-2 | Phenol | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 88-75-5 | 2-Nitrophenol | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 105-67-9 | 2,4-Dimethylphenol | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 120-83-2 | 2,4-Dichlorophenol | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 59-50-7 | 4-Chloro-3-methylphenol | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 88-06-2 | 2,4,6-Trichlorophenol | 2 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 111-44-4 | bis(2-Chloroethyl)ether | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 541-73-1 | 1,3-Dichlorobenzene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 106-46-7 | 1,4-Dichlorobenzene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 95-50-1 | 1,2-Dichlorobenzene | 1 | J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 67-72-1 | Hexachloroethane | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 621-64-7 | N-Nitroso-di-n-propylamine | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 98-95-3 | Nitrobenzene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 78-59-1 | Isophorone | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 111-91-1 | bis(2-Chloroethoxy)methane | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 120-82-1 | 1,2,4-Trichlorobenzene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 91-20-3 | Naphthalene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 87-68-3 | Hexachlorobutadiene | 2 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 77-47-4 | Hexachlorocyclopentadiene | 5 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 91-58-7 | 2-Chloronaphthalene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 208-96-8 | Acenaphthylene | 0.9 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 131-11-3 | Dimethylphthalate | 2 | U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 95-48-7 | 2-Methylphenol | 2 | J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 108-60-1 | 2,2'-oxybis(1-Chloropropane) | 0.9 | U | UG/L |

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|---|---|---|---|---|---|---|---|
| WL41092 | 19991213 | 19991216 | 19991214 | 106-44-5 | 4-Methylphenol | 3 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 132-64-9 | Dibenzofuran | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 99-09-2 | 3-Nitroaniline | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 100-01-6 | 4-Nitroaniline | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 51-28-5 | 2,4-Dinitrophenol | 19 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 100-02-7 | 4-Nitrophenol | 9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 534-52-1 | 4,6-Dinitro-2-methylphenol | 5 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 87-86-5 | Pentachlorophenol | 3 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 606-20-2 | 2,6-Dinitrotoluene | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 83-32-9 | Acenaphthene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 121-14-2 | 2,4-Dinitrotoluene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 86-73-7 | Fluorene | 1 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7005-72-3 | 4-Chlorophenyl-phenylether | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 84-66-2 | Diethylphthalate | 3 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 86-30-6 | N-Nitrosodiphenylamine | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 101-55-3 | 4-Bromophenyl-phenylether | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 118-74-1 | Hexachlorobenzene | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 85-01-8 | Phenanthrene | 3 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 120-12-7 | Anthracene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 84-74-2 | Di-n-butylphthalate | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 206-44-0 | Fluoranthene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 129-00-0 | Pyrene | 3 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 85-68-7 | Butylbenzylphthalate | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 56-55-3 | Benzo(a)anthracene | 1 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 218-01-9 | Chrysene | 1 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 91-94-1 | 3,3'-Dichlorobenzidine | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 117-81-7 | bis(2-Ethylhexyl)phthalate | 2 J | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 117-84-0 | Di-n-octylphthalate | 2 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 205-99-2 | Benzo(b)fluoranthene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 207-08-9 | Benzo(k)fluoranthene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 50-32-8 | Benzo(a)pyrene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 53-70-3 | Dibenz(a,h)anthracene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 191-24-2 | Benzo(g,h,i)perylene | 0.9 U | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 86-74-8 | Carbazole | 3 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 74-87-3 | Chloromethane | 3 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-01-4 | Vinyl Chloride | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 74-83-9 | Bromomethane | 3 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-00-3 | Chloroethane | 3 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-35-4 | 1,1-Dichloroethene | 2 J | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-09-2 | Methylene Chloride | 12 | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 156-60-5 | trans-1,2-Dichloroethene | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-34-3 | 1,1-Dichloroethane | 16 | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 156-59-2 | cis-1,2-Dichloroethene | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 67-66-3 | Chloroform | 1 J | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 71-55-6 | 1,1,1-Trichloroethane | 60 | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 56-23-5 | Carbon Tetrachloride | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 71-43-2 | Benzene | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 107-06-2 | 1,2-Dichloroethane | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 79-01-6 | Trichloroethene | 4 J | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 78-87-5 | 1,2-Dichloropropane | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-27-4 | Bromodichloromethane | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 108-88-3 | Toluene | 29 | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 79-00-5 | 1,1,2-Trichloroethane | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 127-18-4 | Tetrachloroethene | 7 | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 124-48-1 | Dibromochloromethane | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 108-90-7 | Chlorobenzene | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 100-41-4 | Ethylbenzene | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 100-42-5 | Styrene | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-25-2 | Bromoform | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 67-64-1 | Acetone | 24 | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 75-15-0 | Carbon Disulfide | 3 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 78-93-3 | 2-Butanone | 7 J | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 10061-02-6 | trans-1,3-Dichloropropene | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 10061-01-5 | cis-1,3-Dichloropropene | 1 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 108-10-1 | 4-Methyl-2-pentanone | 5 U | UG/L |
| WL41092 | 19991213 | 19991215 | 19991214 | 591-78-6 | 2-Hexanone | 7 U | UG/L |

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|---|---|---|---|---|---|---|---|
| WL41092 | 19991213 | 19991215 | 19991214 | 1330-20-7 | Xylene (Total) | 9 | UG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-38-2 | Arsenic TR | 0.0087 J | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7782-49-2 | Selenium TR | 0.0044 U | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-39-3 | Barium TR | 0.0778 | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-43-9 | Cadmium TR | 0.007 | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-50-8 | Copper TR | 0.201 | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7439-92-1 | Lead TR | 0.264 | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-22-4 | Silver TR | 0.0017 U | MG/L |
| WL41092 | 19991213 | 19991216 | 19991214 | 7440-66-6 | Zinc TR | 0.456 | MG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 74-87-3 | Chloromethane | 3 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-01-4 | Vinyl Chloride | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 74-83-9 | Bromomethane | 3 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-00-3 | Chloroethane | 3 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-35-4 | 1,1-Dichloroethene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-09-2 | Methylene Chloride | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 156-60-5 | trans-1,2-Dichloroethene | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-34-3 | 1,1-Dichloroethane | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 156-59-2 | cis-1,2-Dichloroethene | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 67-66-3 | Chloroform | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 71-55-6 | 1,1,1-Trichloroethane | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 56-23-5 | Carbon Tetrachloride | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 71-43-2 | Benzene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 107-06-2 | 1,2-Dichloroethane | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 79-01-6 | Trichloroethene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 78-87-5 | 1,2-Dichloropropane | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-27-4 | Bromodichloromethane | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 108-88-3 | Toluene | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 79-00-5 | 1,1,2-Trichloroethane | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 127-18-4 | Tetrachloroethene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 124-48-1 | Dibromochloromethane | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 108-90-7 | Chlorobenzene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 100-41-4 | Ethylbenzene | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 100-42-5 | Styrene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-25-2 | Bromoform | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 67-64-1 | Acetone | 6 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 75-15-0 | Carbon Disulfide | 3 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 78-93-3 | 2-Butanone | 3 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 10061-02-6 | trans-1,3-Dichloropropene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 10061-01-5 | cis-1,3-Dichloropropene | 1 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 108-10-1 | 4-Methyl-2-pentanone | 5 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 591-78-6 | 2-Hexanone | 7 U | UG/L |
| Storage Blank | 19991214 | 19991215 | 19991214 | 1330-20-7 | Xylene (Total) | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 74-87-3 | Chloromethane | 3 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-01-4 | Vinyl Chloride | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 74-83-9 | Bromomethane | 3 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-00-3 | Chloroethane | 3 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-35-4 | 1,1-Dichloroethene | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-09-2 | Methylene Chloride | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 156-60-5 | trans-1,2-Dichloroethene | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-34-3 | 1,1-Dichloroethane | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 156-59-2 | cis-1,2-Dichloroethene | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 67-66-3 | Chloroform | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 71-55-6 | 1,1,1-Trichloroethane | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 56-23-5 | Carbon Tetrachloride | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 71-43-2 | Benzene | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 107-06-2 | 1,2-Dichloroethane | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 79-01-6 | Trichloroethene | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 78-87-5 | 1,2-Dichloropropane | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-27-4 | Bromodichloromethane | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 108-88-3 | Toluene | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 79-00-5 | 1,1,2-Trichloroethane | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 127-18-4 | Tetrachloroethene | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 124-48-1 | Dibromochloromethane | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 108-90-7 | Chlorobenzene | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 100-41-4 | Ethylbenzene | 2 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 100-42-5 | Styrene | 1 U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-25-2 | Bromoform | 1 U | UG/L |

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|---|---|---|---|---|---|---|---|---|
| Trip Blank | 19991213 | 19991215 | 19991214 | 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 67-64-1 | Acetone | 6 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 75-15-0 | Carbon Disulfide | 3 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 78-93-3 | 2-Butanone | 3 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 10061-02-6 | trans-1,3-Dichloropropene | 1 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 10061-01-5 | cis-1,3-Dichloropropene | 1 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 108-10-1 | 4-Methyl-2-pentanone | 5 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 591-78-6 | 2-Hexanone | 7 | U | UG/L |
| Trip Blank | 19991213 | 19991215 | 19991214 | 1330-20-7 | Xylene (Total) | 1 | U | UG/L |

EPA Region 5 Records Ctr.
350118

# CHRYSLER CORPORATION SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWA-1

PROJECT: DAYTON THERMAL PRODUCTS
LOCATION: DAYTON, OHIO

Date: 2/1/00
Inspectors: DGO/CFH/MCN
Pump #: Dayton Pump.
Bladder #:

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 17:30 | 25° | Ptly Sun. | — | 15 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.24 | 39.1 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.24 | 1.76 | ~30 | 17:30 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.24 |
| | | | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.24 | 39.05 | 10.81 | 0.163 | 1.76 | 3 | 5.3 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWA-1

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA & Freon Kemron/Compuchem | 6 - 40ml | P, G, AG | HCL | MWA-1 | 17:45 | DGO 2/1/00 |
| 1A | BTEX | | P, G, AG | | | | |
| 2 | SVOC | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | TPH | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Kemron | 2 - 1000ml | P, G, AG | | MWA-1 | 17:45 | DGO 2/1/00 |
| 5 | Total metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWA-2

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2/1/00
Inspectors: DGO/CFH/MCH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 25° | Ptly Sun. | – | 15 | SW | Snow |
| | | | | | | |
| | | | | | | |

| MONITORING Instrument | MONITORING Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 25.97 | 29.4 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 25.97 | 2.2 | ~27 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 25.97 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 25.97 | 39.5 | 13.53 | 0.163 | 2.2 | 3 | 6.6 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWA-2

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3/40 mL | P, G, AG | HCL | MWA-2 | 14:10 | MCP/ 2-12-00 |
| 1A | ~~BTEX~~ From Comprehensive | 3/40mL | P, G, AG | HCL | MWA-2 | 14:10 | MCP/2-12-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2/1L | P, G, AG | – | MWA-2 | 14:10 | MCP/ 2-12-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWA-3

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2/1/00

Inspectors: DGO, GFH, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 15:00 | 22° | Cloudy | — | 10 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.67 | 29.3 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.67 | 1.73 | ~30 | 15.00 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.67 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.67 | 39.3 | 10.63 | 0.163 | 1.73 | 3 | 5.2 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 00-203 | Well# MWA-3

PROJECT: DAYTON THERMAL PRODUCTS 1st Qtr GW Sampling

LOCATION: DAYTON, OHIO

Date: 2/27/00
Inspectors: DVS
Pump #: Bailer
Bladder #: NA

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 18:25 | ~45 | ~~[illegible]~~ | — | breeze | S-SE | Dry |
| | | Sunny | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| NA | NA |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 29.64 / — | 29.30 | clear / brown | — / — | — / — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — / — | 29.64 | 1.55 | bailed | — |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| 18:25 | Sampled well | | | | | | | |
| | Well was not sampled during initial visit on 2/1-2/00 | | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 29.64 | 39.30 | 9.66 | 0.16 | 1.55 | 3 | 4.65 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW A-3

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA / Freon Kemron / Compuchem | | P, G, AG | HCL | MWA-3 | | |
| 1A | BTEX | | P, G, AG | | | | |
| 2 | SVOC | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | TPH | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Kemron | | P, G, AG | | MWA-3 | | |
| 5 | Total metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

Well not sampled; human error.

Well Sampled 2/27/00 by DVS. 10:25 Freon to compuChem PCB's & VOCs to Kemron

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWA -4

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2-2-00
Inspectors: DGO/CFH/MCH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 14:40 | ~31 | sunny | — | 3 mph | NW | concrete |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.40 | 35.0 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 27.40 | 2.8 | 29 | 14:40 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.40 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.40 | 45.00 | 17.60 | .163 | 2.8 | 3 | 8.4 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: | Client: | Well #: |
|---|---|---|
| LEGGETTE, BRASHEARS & GRAHAM, INC. | DAIMLERCHRYSLER-DAYTON THERMAL | MWA-4 |

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3/40mL | P, G, AG | HCL | MWA-4 | 14:45 | GFH & MLH 2-2-00 |
| 1A | ~~BTEX~~ From Compuchem | 3/40mL | P, G, AG | HCL | MWA-4 | 14:45 | GFH & MLH 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | Pest/PCB hemron | 2/1L | P, G, AG | – | MWA-4 | 14:45 | GFH & MLH 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWA-5

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2/1/00

Inspectors: DGO/CFH/NLH

Pump #: Dayton Pump

Bladder #: -

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 14:00 | 22° | Cloudy | – | 15 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| – | – |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.88 | 29.4 | – | – | – |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 27.88 | 1.9 | ~29 | 14:00 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.88 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.88 | 39.35 | 11.47 | 0.163 | 1.9 | 3 | 5.6 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWA-5

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA / Freon hemron / Compuchem | 6 / 40-ml | P, G, AG | HCL | MWA-5 | 13:20 | DGO 2/1/00 |
| 1A | ~~BTEX~~ | | P, G, AG | | | | |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2-1000ml | P, G, AG | — | MWA-5 | 13:20 | DGO 2/1/00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWA-C6

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01-31-00

Inspectors: CFH

Pump #:

Bladder #:

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | cloudy | — | 12 | W | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.05 | 29.8 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.05 | 1.88 | ~30 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.05 |
| | | | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.05 | 39.80 | 11.75 | .163 | 1.88 | 3 | 5.64 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWA-6

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3/40mL | P, G, AG | HCL | MWA-6 | 10:45 | CFH & MLM 2-1-00 |
| 1A | ~~BTEX~~ Fresh Compunhem | 3/40mL | P, G, AG | HCL | MWA-6 | 10:45 | CFH & MLM 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2/1L | P, G, AG | — | MWA-6 | 10:45 | CFH & MLM 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWB-1

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01-31-00
Inspectors: CFH
Pump #: (2) Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 1324 | 20° | cloudy | — | 17 | W | snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 21.89 | 64.2 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 21.89 | 8.36 | ~23 | 1324 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| 0 | | 0 | | | | | | 21.89 |
| 3 | ~7 | 5 | | | | | | |
| 6 | ~7 | 10 | | | | | | |
| 9 | ~7 | 15 | | | | | | |
| 12 | ~7 | 20 | | | | | | |
| 16 | ~7 | 26 | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 21.89 | 74.15 | 52.26 | .163 | 8.36 | 3 | 25.08 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWB-1

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3/40 mL | P, G, AG | HCL | MWB-1 | 12:15 | CFH & MLM 2-1-00 |
| 1A | ~~BTEX~~ From Compuchem | 3/40 mL | P, G, AG | HCL | MWB-1 | 12:15 | CFH & MLM 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2/1 L | P, G, AG | | MWB-1 | 12:15 | CFH & MLM 2-1-00 |
| 5 | Total-metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWB-2

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, GEN, MCH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | Cloudy | — | 12 | W | Snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.56 | 76.9 | - | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | - | 28.56 | 9.9 | — | — |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.56 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.56 | 89 | 60.44 | 0.163 | 9.9 | 3 | 30 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWB-2

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3 / 40mL | P, G, AG | HCL | MWB-2 | 17:10 | CFH & MLH 2-1-00 |
| 1A | ~~BTEX~~ Fresh Compnl/Hem | 3 / 40mL | P, G, AG | HCL | MWB-2 | 17:10 | CFH & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Hemron | 2 / 1 L | P, G, AG | — | MWB-2 | 17:10 | CFH + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWB-3

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1-31-00

Inspectors: DGO, CFH, MLM

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | cloudy | - | 12 | W | snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.18 | 45.8 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | - | 28.18 | 4.5 | ~30 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.18 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.18 | 55.75 | 27.57 | 0.163 | 4.5 | 3 | 13.5 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: | Client: | Well #: |
|---|---|---|
| LEGGETTE, BRASHEARS & GRAHAM, INC. | DAIMLERCHRYSLER-DAYTON THERMAL | MWB-3 |

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3 / 40mL | P, G, AG | HCL | MWB-3 | 16:15 | CFH & MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compuchem | 3 / 40mL | P, G, AG | HCL | MWB-3 | 16:15 | CFH & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2 / 1 L | P, G, AG | — | MWB-3 | 16:15 | CFH & MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWB-4

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, CFH, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 9:30 | 25° | Cloudy | — | 12° | W | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 29.36 | 25.4 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 29.36 | 1 | ~ 31 | 9:30 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 29.36 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 29.36 | 35.5 | 6.4 | 0.163 | 1 | 3 | 4 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWB-4

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3 / 40mL | P, G, AG | NCL | MWB-4 | 8:20 | CFH & MLM 2-1-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/ 40mL | P, G, AG | NCL | MWB-4 | 8:20 | CFH & MLM 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2 / 1L | P, G, AG | – | MWB-4 | 8:20 | CFH & MLM 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWB-5

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01-31-00
Inspectors: CFH
Pump #: Dayton Pump
Bladder #:

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 14:50 | 20° | Sunny | – | 15 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.90 | 79.9 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 26.90 | 10.1 | ~28 | 14:50 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.90 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.90 | 89.90 | 63.00 | .163 | 10.1 | 3 | 30.3 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWB-5

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3 / 40mL | P, G, AG | HCL | MWB-5 | 8:50 | CFH + MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compl/Chem | 3 / 40mL | P, G, AG | HCL | MWB-5 | 8:50 | CFH & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Hemron | 2 / 1L | P, G, AG | — | MWB-5 | 8:50 | CFH & MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWB-6

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2/1/00
Inspectors: DGO, GFH, MCH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 15:40 | 22° | Cloudy | — | 12 | SW | Snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.73 | 35.8 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 27.73 | 2.95 | ~29 | 15:40 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.73 |
| | | | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.73 | 45.8 | 18.0 | 0.163 | 2.95 | 3 | 8.8 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWB-6

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3 / 40mL | P, G, AG | HCL | MWB-6 | 16:30 | DGO 2/1/00 |
| 1A | ~~BTEX~~ Fresh Compuchem | 3 / 40mL | P, G, AG | HCL | MWB-6 | 16:30 | DGO 2/1/00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Hemron | 2 / 1L | P, G, AG | – | MWB-6 | 16:30 | DGO 2/1/00 |
| 5 | Total metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWC-1

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01/31/00
Inspectors: CEH
Pump #: (2) Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 12:40 | 25° | Cloudy | — | 12 | W | Snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 22.43 | 102 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 22.43 | 14.37 | ~24 | 12:40 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| 0 | ~6 | 5 | | | | | | 22.43 |
| 4 | ~6 | 10 | | | | | | |
| 8 | ~6 | 15 | | | | | | |
| 12 | ~6 | 20 | | | | | | |
| 16 | ~6 | 25 | | | | | | |
| 20 | ~6 | 30 | | | | | | |
| 24 | ~6 | 35 | | | | | | |
| 28 | ~6 | 40 | | | | | | |
| 32 | ~6 | 45 | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 22.43 | 112.00 | 88.57 | .163 | 14.37 | 3 | 43 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWC-1

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3 / 40 mL | P, G, AG | HCL | MWC-1 | 12:00 | CFH & MCH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compound/Hem | 3 / 40 mL | P, G, AG | HCL | MWC-1 | 12:00 | CFH & MCH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Hemron | 2 / 1L | P, G, AG | — | MWC-1 | 12:00 | CFH & MCH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWC-2

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01/31/00
Inspectors: CFH
Pump #: (2) Dayton Pump
Bladder #:

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 851 | 25° | ~~30~~ | — | 12 | W | snow |
| | | Cloudy | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.47 | 112 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 28.47 | 15.24 | ~30 | 851 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| 0 | ~~4~~ 6 | 0 | | | | | | 28.47 |
| 4.5 | ~~4~~ 6 | 5 | | | | | | |
| 9.0 | ~~4~~ 6 | 10 | | | | | | |
| 12.0 | ~~4~~ 6 | 15 | | | | | | |
| 16.0 | ~~4~~ 6 | 20 | | | | | | |
| 20.0 | ~~4~~ 6 | 25 | | | | | | |
| 24.0 | ~~4~~ 6 | 30 | | | | | | |
| 27.0 | ~~4~~ 6 | 35 | | | | | | |
| 31 | ~6 | 40 | | | | | | |
| 36 | ~6 | 47 | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.47 | 122.00 | 93.53 | 0.163 | 15.24 | 45.74 | 3 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWC-2

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3/40mL | P, G, AG | HCL | MWC-2 | 17:24 | CFH & MLH 2-1-00 |
| 1A | ~~BTEX~~ Fresh Compnchem | 3/40mL | P, G, AG | HCL | MWC-2 | 17:24 | CFH & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ hemron | 2/1 L | P, G, AG | — | MWC-2 | 17:24 | CFH & MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MWC-3

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, CFN, nch

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 16:15 | 18 | Sunny | — | 20 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.24 | 47.6 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 28.24 | 9.1 | ~30 | 16:15 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.24 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.24 | 84 | 55.8 | 0.163 | 9.1 | 3 | 28 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MWC-3

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Nemron | 3 / 40mL | P, G, AG | HCL | MWC-3 | 16:30 | CFN & MLH 2-1-00 |
| 1A | ~~BTEX~~ Fylon Compn/Nem | 3 / 40mL | P, G, AG | HCL | MWC-3 | 16:30 | CFN & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ Nemron | 2 / 1L | P, G, AG | — | MWC-3 | 16:30 | CFN & MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MW-7S

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01-31-00
Inspectors: CFH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 15:00 | 20° | Sunny | — | 15 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.88 | 20.3 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 26.88 | 0.54 | ~28 | 15:00 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.88 |
| | | | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.88 | 30.25 | 3.37 | .163 | .54 | 3 | 1.62 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW-75

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3 / 40mL | P, G, AG | HCL | MW-75 | 9:05 | CFH & MCH 2-1-00 |
| 1A | ~~BTEX~~ Fresh Comparison | 3 / 40mL | P, G, AG | HCL | MW-75 | 9:05 | CFH & MCH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Remron | 2 / 1L | P, G, AG | — | MW-75 | 9:05 | CFH & MCH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# P2-7I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, CFH, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 14:45 | 20° | Sunny | — | 10 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.60 | 53.4 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 26.60 | 4.7 | ~28 | 14:45 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.60 |
| | | | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.60 | 55.4 | 28.8 | 0.163 | 4.7 | 3 | 14 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-7I |
|---|---|---|

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Kemron | 3/40mL | P, G, AG | HCL | PZ-7I | 13:15 | CFH & MCH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40mL | P, G, AG | HCL | PZ-7I | 13:15 | CFH & MCH 2-1-00 |
| 2 | SVOC | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | TPH | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Kemron | 2/1L | P, G, AG | — | PZ-7I | 13:15 | CFH & MCH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MW-85

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2-1-00

Inspectors: DGO, CFH, MCH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 22° | cloudy | – | 12 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | Buried under snow pile | | | | |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | | | | | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Buried |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| Water Level to Top of Well Casing (ft) | Top of Casing to Bottom of Casing (ft) | Column of Standing Water in Well (ft) (2 minus 1) | Well Diameter Factor | Volume in Gallons ( 3×4) | Number of Well Volumes to be Evacuated | Total Volume to be Evacuated (Gallons) (5×6) |
| Buried under snow pile | 29.0 | | .163 | | 3 | |
| | TD measured | 2/27/00 = 28.15 | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

| | | |
|---|---|---|
| Consultant: LBG | Chrysler RFA Number: 00-203 | Well# MW-85 |
| PROJECT: Dayton Thermal Products 1st Qtr GW Sampling | | Date: 2/27/00 |
| LOCATION: Dayton, OH | | Inspectors: DVS |
| | | Pump #: — |
| | | Bladder #: — |

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 18:45 | ~45 | Sunny | — | breeze | S-SE | Dry |
| | | | | | | |
| | | | | | | |

| MONITORING Instrument | MONITORING Detector |
|---|---|
| NA | NA |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | — | 18.15 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | Dry | — | — | — |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| 18:45 | DRY WELL, NOT SAMPLED | | | | | | | |
| | Well was buried under 7 foot snow bank back in early February when initial sampling took place | | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| Dry | 28.15 | 0 | | | | |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW-8S |
|---|---|---|

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA | | P, G, AG | | | | 2-1-00 |
| 1A | BTEX | | P, G, AG | | | | |
| 2 | SVOC | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | TPH | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | Pest/PCB | | P, G, AG | | | | |
| 5 | Total metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample ~~Labels:~~

Not sampled, well buried under snow pile.

2/27/00 well was dry when came back to sample it. DVS 2/27/00

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# P2-81

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1-31-00

Inspectors: DGO, CFH, MCH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | sunny | — | 10 | SW | snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.60 | 36.4 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 26.60 | 1.9 | ~28 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.60 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.60 | 38.40 | 11.80 | .163 | 1.9 | 3 | 5.7 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-8I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3 / 40 mL | P, (G), AG | HCL | PZ-8I | 14:00 | CFH & MLH 2-1-00 |
| 1A | ~~BTEX~~ From Companchem | 3 / 40 mL | P, (G), AG | HCL | PZ-8I | 14:00 | CFH & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Remron | 2 / 1 L | P, (G), AG | — | PZ-8I | 14:00 | CFH & MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-80

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1-31-00

Inspectors: DGO, CFN, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | sunny | – | 10 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.66 | 76.7 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 26.66 | 8.5 | ~28 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.66 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.66 | 78.65 | 51.99 | 0.163 | 8.5 | 3 | 25.5 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-8D

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hmron | 3/40mL | P, G, AG | HCL | PZ-8D | 13:50 | CFN & MLH 2-1-00 |
| 1A | ~~BTEX~~ Fvon Compuchem | 3/40mL | P, G, AG | HCL | PZ-8D | 13:50 | CFN & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hmron | 2/1L | P, G, AG | — | PZ-8D | 13:50 | CFN & MLH 2-1-00 |
| 5 | ~~Total~~-metals | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# P2-9D

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1-31-00

Inspectors:

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | sunny | – | 10 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.67 | 65.6 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | – | 26.67 | 6.7 | ~28 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.67 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.67 | 67.60 | 40.93 | .163 | 6.7 | 3 | 20.0 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-9D

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3 / 40mL | P, G, AG | HCL | PZ-9D | 15:10 | CFH & hch 2-1-00 |
| 1A | ~~BTEX~~ Fruoh Compon/hum | 3 / 40mL | P, G, AG | HCL | PZ-9D | 15:10 | CFH & hch 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2/1L | P, G, AG | — | PZ-9D | 15:10 | CFH & hch 2-1-00 |
| 5 | T~~otal met~~als | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MW-105

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1-31-00
Inspectors: DGO, CFH, NLH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | sunny | — | 10 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.98 | 19.40 | — | — | — |

| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
|---|---|---|---|---|---|
| | — | 27.98 | 0.2 | ~29 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.98 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.98 | 29.40 | 1.42 | 0.163 | .2 | 3 | .7 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW-105

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hemron | 3/40mL | P, G, AG | HCl | MW-105 | 15:25 | CFH + MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon hemron | 3/40mL | P, G, AG | HCL | MW-105 | 15:25 | CFH + MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ hemron | 2/1L | P, G, AG | — | MW-105 | 15:25 | CFH + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-10I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1-31-00
Inspectors: DGO, CFH, MLH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 20° | sunny | — | 10 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.90 | 47.90 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 27.90 | 3.6 | ~29 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.90 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.90 | 49.90 | 22.0 | .163 | 3.6 | 3 | 10.8 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-10I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA numron | 3/40mL | P, G, AG | HCL | PZ-10I | 15:40 | CFH + nlh 2-1-00 |
| 1A | ~~BTEX~~ Freon Compuchem | 3/40mL | P, G, AG | HCL | PZ-10I | 15:40 | CFH + nlh 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ numron | 2/1L | P, G, AG | — | PZ-10I | 15:40 | CFH + nlh 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MW-11S

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, CHF, NLN

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 16:40 | 18° | Sunny | — | 20 | SW | Snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.16 | 19.05 | — | — | — |

| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
|---|---|---|---|---|---|
| | — | 28.16 | 0.15 | ~30 | 16:40 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.16 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.16 | 29.1 | 0.94 | 0.163 | 0.15 | 3 | 0.5 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW-11S

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3 / 40 mL | P, G, AG | HCL | MW-11S | 16:00 | CFH + MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compn Chem | 3 / 40 mL | P, G, AG | HCL | MW-11S | 16:00 | CFH + MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | Pest/PCB Remron | 2 / 1 L | P, G, AG | – | MW-11S | 16:00 | CFH + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-12I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 01-31-00
Inspectors: CFH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 15:30 | 20° | Sunny | — | 18 | SW | Snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.11 | 55.85 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.11 | 4.8 | ~30 | 15:20 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.11 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.11 | 57.85 | 29.74 | .16 | 4.8 | 3 | 15 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-12I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3 / 40mL | P, G, AG | HCL | PZ-12 I | 10:35 | CFN + MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3 / 40mL | P, G, AG | HCL | PZ-12 I | 10:35 | CFN + MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Hemron | 2 / 1L | P, G, AG | – | PZ-12 I | 10:35 | CFN + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-12D

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2-1-00
Inspectors: DGO, CFH, nlh
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | 22° | cloudy | — | 12 | SW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 20.47 | 82.45 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 20.47 | 10.4 | ~22 | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 20.47 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 20.47 | 84.45 | 63.98 | .163 | 10.4 | 3 | 34.2 |
| ↑ last month DTW | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-12D

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3/40mL | P, G, AG | HCL | PZ-12D | 11:05 | CFH & MLH 2-1-00 |
| 1A | ~~BTEX~~ Compounds FROM | 3/40mL | P, G, AG | HCL | PZ-12D | 11:05 | CFH & MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/~~PCB Hemron | 2/1L | P, G, AG | — | PZ-12D | 11:05 | CFH & MLH 2-1-00 |
| 5 | ~~Total~~ metals | | P, G, AG | | | | |
| 6 | ~~Filtered~~ Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# P2-13I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2/1/00

Inspectors: DGG, CEA, hch

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 13:15 | 25° | Cloudy | — | 15 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.82 | 45.80 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | - | 27.82 | 3.2 | ~29 | 13:15 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.82 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.82 | 47.8 | 19.98 | 0.163 | 3.2 | 3 | 10 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-13I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA / Freon hemron / compuchem | 6-40ml | P, G, AG | HCL | PZ-13I | 13:40 | DGO 2/1/00 |
| 1A | ~~BTEX~~ | | P, G, AG | | | | |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hemron | 2-1000ml | P, G, AG | ✓ | PZ-13I | 13:40 | DGO 2/1/00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-14 I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00
Inspectors: DGD, CFH, MLH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 13:10 | 25° | Ptly. Sun | — | 5 | W | Snow/wet |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.48 | 57.90 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.48 | 5.1 | ~30 | 13:10 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.48 |
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VOID!
Vault Completely smashed!!
This information is for MW A-3.

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.48 | 59.9 | 31.42 | 0.163 | 5.1 | 3 | 16 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-14I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3 / 40mL | P, G, AG | HCL | PZ-14I | 8:40 | GFH + nlh 2-2-00 |
| 1A | ~~BTEX~~ Fruoh Compounds | 3 / 40 mL | P, G, AG | HCL | PZ-14I | 8:40 | GFH + nlh 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/~~PCB Remron | 2/1 L | P, G, AG | — | PZ-14I | 8:40 | GFH + nlh 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-14I DUP

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3/40mL | P, G, AG | HCL | PZ-14I DUP | 8:40 | CFH + MLH 2-2-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40mL | P, G, AG | NCL | PZ-14I DUP | 8:40 | CFH + MLH 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAH~~s | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/~~PCB Remron | 2/1L | P, G, AG | – | PZ-14I DUP | 8:40 | CFH + MLH 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MW-15S

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00
Inspectors: DGO, GFH, MCH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 1230 | 25° | Cloudy | — | 10 | W | Snow |
| | | | | | | |
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MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 23.17 | 19.45 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 23.17 | 1 | ~25 | 12:30 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 23.17 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 23.17 | 29.5 | 6.33 | 0.163 | 1 | 3 | 3.0 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW-155

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Kemron | 3 / 40mL | P, G, AG | HCL | MW-155 | 13:00 | CFN + MLH 2-1-00 |
| 1A | ~~BTEX~~ From Compunchem | 3 / 40mL | P, G, AG | HCL | MW-155 | 13:00 | CFN + MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Kemron | 2 / 1L | P, G, AG | — | MW-155 | 13:00 | CFN + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered~~ Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-15 I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGD, CFH, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 14:20 | 27° | Sunny | — | 7 | W | SNOW |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 23.70 | 48.05 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 23.70 | 4.3 | ~25 | 14:20 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 23.70 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 23.70 | 50.0 | 26.3 | 0.163 | 4.3 | 3 | 13 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: | Client: | Well #: |
|---|---|---|
| LEGGETTE, BRASHEARS & GRAHAM, INC. | DAIMLERCHRYSLER-DAYTON THERMAL | PZ-15I |

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Hemron | 3 / 40mL | P, G, AG | HCL | PZ-15I | 14:30 | CFN + MLH 2-1-06 |
| 1A | ~~BTEX~~ Fresh Compounds Hemron | 3 / 40mL | P, G, AG | HCL | PZ-15I | 14:30 | CFN + MLH 2-1-06 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ Hemron | 2 / 1L | P, G, AG | — | PZ-15I | 14:30 | CFN + MLH 2-1-06 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-15I DUP

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hvmron | 3/40mL | P, G, AG | HCL | PZ-15I DUP | 14:30 | CFH + MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40mL | P, G, AG | HCL | PZ-15I DUP | 14:30 | CFH + MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hvmron | 2/1L | P, G, AG | – | PZ-15I DUP | 14:30 | CFH + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-16D

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00
Inspectors: DGO, CFH, MLH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 13:10 | 27° | Sunny | — | 5 | W | Snow/wet |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 25.87 | 78.90 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 25.87 | 9 | ~27 | 13:10 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 25.87 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 25.87 | 80.9 | 55.0 | 0.163 | 9 | 3 | 27 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-16D

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Kemron | 3 / 40mL | P, G, AG | HCL | PZ-16D | 8:25 | CFH + MLH 2-2-00 |
| 1A | ~~BTEX~~ Freon Compenchem | 3 / 40mL | P, G, AG | HCL | PZ-16D | 8:25 | CFH + MLH 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ Kemron | 2 / 1L | P, G, AG | — | PZ-16D | 8:25 | CFH + MLH 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-17I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGD, CFH, MCM

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 11:30 | 25° | Cloudy | — | 10 | W | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.88 | 55.65 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 27.88 | 4.9 | ~29 | 11:30 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.88 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.88 | 57.7 | 29.82 | 0.163 | 4.9 | 3 | 15 |
| | Well pumped dry at | | 12 gallons. | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-17I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Kemron | 3/40mL | P, G, AG | HCL | PZ-17I | 8:20 | CFH + MLH 2-2-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40mL | P, G, AG | HCL | PZ-17I | 8:20 | CFH + MLH 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ Kemron | 2/1L | P, G, AG | — | PZ-17I | 8:20 | CFH + MLH 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-17D

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, GFH, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 11:28 | 25° | Cloudy | — | 10' | W | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 27.91 | 82.25 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 27.91 | 9.2 | ~29 | 11:28 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 27.91 |
| | | | | | | | | |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 27.91 | 84.3 | 56.4 | 0.163 | 9.2 | 3 | 28 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-17D

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hmron | 3/40mL | P, G, AG | HCL | PZ-17D | 8:10 | CFH + MLH 2-2-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40mL | P, G, AG | HCL | PZ-17D | 8:10 | CFH + MLH 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hmron | 2/1L | P, G, AG | — | PZ-17D | 8:10 | CFH + MLH 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# MW-18S

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2/1/00

Inspectors: DGO, CEH, MCH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 13:00 | 25° | Sunny | — | 12 | SW | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.71 | 19.60 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.71 | 0.15 | ~30 | 13:00 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.71 |
| Not enough water in the well to collect a sample. | | | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.71 | 29.6 | 0.89 | 0.163 | 0.15 | 3 | 0.5 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: MW-18S

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA /Freon | | P, G, AG | HCL | MW-18S | 13:00 | DGO/2/1/00 |
| 1A | BTEX | | P, G, AG | | | | |
| 2 | SVOC | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | TPH | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | Pest/PCB | | P, G, AG | | | | |
| 5 | Total metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels: This well only has 5" of water in it. I will try to get enough water for VOC's. There is not enough water in this well to Collect a sample.

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

| | | |
|---|---|---|
| Consultant: LBG | Chrysler RFA Number: | Well# MW-19S |
| PROJECT: DAYTON THERMAL PRODUCTS | | Date: 2-2-00 |
| LOCATION: DAYTON, OHIO | | Inspectors: CFN, MN |
| | | Pump #: — |
| | | Bladder #: — |

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 10:45 | 24° | sunny | — | 3 | NW | buried under crates |
| | | | | | | |
| | | | | | | |

| MONITORING | |
|---|---|
| Instrument | Detector |
| — | — |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | | 13.70 | | | |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | | | | | |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| Water Level to Top of Well Casing (ft) | Top of Casing to Bottom of Casing (ft) | Column of Standing Water in Well (ft) (2 minus 1) | Well Diameter Factor | Volume in Gallons ( 3×4) | Number of Well Volumes to be Evacuated | Total Volume to be Evacuated (Gallons) (5×6) |
| well buried under crates; inaccessable | | | | | | |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-19I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2-2-00
Inspectors: CFH + MLH
Pump #: Dayton Pump
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 10:30 | 24° | sunny | — | 3mph | NW | snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 25.45 | 60.45 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 25.45 | 4.4 | ~27 | 10:30 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 25.45 | 62.45 | 27.00 | 0.163 | 4.4 | 3 | 13.2 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

62.45
25.45
27.00

27.00
.163
8100
16200
4400
4400

4.4
3
13.2

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-19I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Kemron | 3/40mL | P, G, AG | HCL | PZ-19I | 10:40 | CFH + MLH 2-2-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40mL | P, G, AG | HCL | PZ-19I | 10:40 | CFH + MLH 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ Kemron | 2/1L | P, G, AG | — | PZ-19I | 10:40 | CFH + MLH 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | Filtered-Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

| | | |
|---|---|---|
| Consultant: LBG | Chrysler RFA Number: | Well# MW-205 |
| PROJECT: DAYTON THERMAL PRODUCTS | | Date: 2/12/00 |
| LOCATION: DAYTON, OHIO | | Inspectors: MCP |
| | | Pump #: Bailer (Disposable) |
| | | Bladder #: — |

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 15:15 | 15° | overcast | — | none | — | Dry |
| | | | | | | |
| | | | | | | |

| MONITORING | |
|---|---|
| Instrument | Detector |
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.24 | 17.80 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 26.24 | — | — | — |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 26.24 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.24 | Well was | bailed | | | | 1 gal. |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: LBG | Client: Dayton Thermal Prod | Well #: MW-205 |
|---|---|---|

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3/40mL | P, (G) AG | HCL | MW-205 | 15:15 | MCP 2-12-00 |
| 1A | ~~BTEX~~ From Compunchem | 3/40mL | P, (G) AG | HCL | MW-205 | 15:15 | MCP 2-12-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/(PCB) Remron | 2/1L | P, (G) AG | — | MW-205 | 15:15 | MCP 2-12-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: | Well# PZ-20D

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 2-12-00
Inspectors: MCP
Pump #: Bailer (Disposable)
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 15:30 | 15° | overcast | — | none | — | dry |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 26.25 | 82.90 | - | - | - |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | - | 26.25 | - | - | - |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 26.25 | Well was bailed | | | | | 1 gal |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: LBG | Client: Dayton Thermal Prod. | Well #: PZ-20D |
|---|---|---|

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Kemron | 3/40mL | P, G, AG | HCL | PZ-20D | 15:30 | MCP 2-12-00 |
| 1A | ~~BTEX~~ Compounds | 3/40mL | P, G, AG | HCL | PZ-20D | 15:30 | MCP 2-12-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB Kemron | 2/1L | P, G, AG | — | PZ-20D | 15:30 | MCP 2-12-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-21 I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, CFH, MLH

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 9:45 | 25° | Cloudy | — | 12 | W | Snow |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.80 | 52.85 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.80 | 4.2 | ~30 | 9:45 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.80 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.80 | 54.9 | 26.1 | 0.163 | 4.2 | 3 | 14 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

| Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-21I |
|---|---|---|

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA hmmron | 3 / 40mL | P, G, AG | HCL | PZ-21I | 8:10 | CFH + MLH 2-1-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3 / 40mL | P, G, AG | HCL | PZ-21I | 8:10 | CFH + MLH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest~~/PCB hmmron | 2 / 1L | P, G, AG | — | PZ-21I | 8:10 | CFH + MLH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 203 | Well# PZ-22 I

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 1/31/00

Inspectors: DGO, CFA, nLh

Pump #: Dayton Pump

Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| 11:14 | 25° | Cloudy | — | 12 | W | Cloudy |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 24.48 | 42.00 | — | — | — |

| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
|---|---|---|---|---|---|
| | — | 24.48 | 3.2 | ~26 | 11:14 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 24.48 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 24.48 | 44.5 | 20.0 | 0.163 | 3.2 | 3 | 10 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: PZ-22I

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA Remron | 3 / 40mL | P, G, AG | NCL | PZ-22I | 8:35 | CFH + MCH 2-1-00 |
| 1A | ~~BTEX~~ Iron Compounds | 3 / 40mL | P, G, AG | HCL | PZ-22I | 8:35 | CFH + MCH 2-1-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ Remron | 2 / 1L | P, G, AG | — | PZ-22I | 8:35 | CFH + MCH 2-1-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 263 | Well# AS-1

PROJECT: DAYTON THERMAL PRODUCTS

LOCATION: DAYTON, OHIO

Date: 02-02-00
Inspectors: CFH
Pump #: Bailer (Disposable)
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|
| | ~30° | sunny | — | 5 | SW | Concrete/Dry |
| | | | | | | |
| | | | | | | |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 28.07 | 37.55 | — | — | — |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 28.07 | 1.89 | — | — |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | Eh | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 28.07 |
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| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 28.07 | 39.90 | 11.83 | .163 | 1.89 | 3 | 5.67 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: AS-1

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA nemron | 3/40ml | P, G, AG | HCL | AS-1 | 12:20 | CFN & DVS 2-2-00 |
| 1A | ~~BTEX~~ Freon Compounds | 3/40ml | P, G, AG | HCL | AS-1 | 12:20 | CFN & DVS 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ nemron | 2/1L | P, G, AG | – | AS-1 | 12:20 | CFN & DVS. 2-2-00 |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LEGGETTE, BRASHEARS & GRAHAM, INC. | Client: DAIMLERCHRYSLER-DAYTON THERMAL | Well #: FB020200

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA | 3/40mL | (P), G, AG | HCL | FB020200 | 8:15 | CFN + hlh 2-2-00 |
| 1A | ~~BTEX~~ Freon | 3/40mL | (P), G, AG | HCL | FB020200 | 8:15 | CFN + hlh 2-2-00 |
| 2 | ~~SVOC~~ | | P, G, AG | | | | |
| 2A | ~~PAHs~~ | | P, G, AG | | | | |
| 2B | ~~TPH~~ | | P, G, AG | | | | |
| 3 | ~~HERB~~ | | P, G, AG | | | | |
| 4 | ~~Pest/PCB~~ | | P, G, AG | | | | |
| 5 | ~~Total metals~~ | | P, G, AG | | | | |
| 6 | ~~Filtered Metals~~ | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample Labels:

# DAIMLERCHRYSLER — Chain-of-Custody

0072 B

1st Qtr GW Sampling

| | | |
|---|---|---|
| ~~Lancaster Laboratories~~ Kemron<br>~~2425 New Holland Pike~~ 109 Starlite Park<br>~~Lancaster, PA 17601~~ Marietta OH 45750<br>Phone Number: ~~(717) 656-2300~~ 740 373 4071<br>Fax Number: ~~(717) 656-2681~~ | Project Name: Dayton Thermal Products<br>Site Location: 1600 Wilmington Dayton OH<br>Site Code: SC001<br>RFA Number: YGQF3000203 SDG 203A<br>DaimlerChrysler PM: Gary Slawzuk | Consultant: LBG<br>Address: 1311 West County Road E<br>St. Paul MN 55112<br>Consultant PM Ken Vogel<br>Phone: 651 490 1405 Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

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

*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 | VOC 8260 / 40ml / HCl | TCL/TCTL 8082 1000 ml amber / none | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PZ-8D | 2/1/00 | 13:50 | G | GW | 5 | X | X | | | | | | | | |
| PZ-8I | | 14:00 | | | 5 | X | X | | | | | | | | |
| PZ-15I | | 14:30 | | | 10 | X | X | | | | | | | | Duplicate |
| PZ-7I | | 13:15 | | | 5 | X | X | | | | | | | | |
| MWB-1 | | 12:15 | | | 5 | X | X | | | | | | | | |
| MWC-1 | | 12:12 | | | 5 | X | X | | | | | | | | |
| MW-15S | ↓ | 13:00 | ↓ | ↓ | 5 | X | X | | | | | | | | |
| MWT020100 | — | — | — | O | 2 | X | | | | | | | | | Trip blank Cooler KL748 |
| MWT020100 | — | — | — | O | 2 | X | | | | | | 816227461153 | | | Trip blank Cooler KL432 |
| | | | | | | | | | | | | 816226734953 | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sampler(s)** | **Cooler ID #** KL748, KL432 | | | **Samples Relinquished under Airbill No.** ~~816227461153~~ | | | **Temperature (corrected)** ___ C |
| Nate Nieves, Dave Olson | **Relinquished by:** | **Date:** | **Time:** | **Received by:** | **Date:** | **Time:** | **Custody Seal Intact?** Yes No |
| Chris Hellman | | 2/1/00 | Friday | | | | |
| **Is RFA sampling complete?** Yes (No) | **Relinquished by:** | **Date:** | **Time:** | **Received for Laboratory by:** | **Date:** | **Time:** | **Custody Seal Intact?** Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

0073 B

1st Qtr GW Sampling

| | | | | | |
|---|---|---|---|---|---|
| Lancaster Laboratories Kemron | Project Name: Dayton Thermal Products | | Consultant: LBG | | |
| 2425 New Holland Pike 109 Starlite Park | Site Location: Dayton OH | | Address: 1210 West County Road E | | |
| Lancaster, PA 17601 Marietta OH 5750 | Site Code: 52001 | | St. Paul MN 55112 | | |
| Phone Number: (717) 656-2300 740 374071 | RFA Number: YGQP2000203 SDG 203A | | Consultant PM Ken Vogel | | |
| Fax Number: (717) 656-2681 | DaimlerChrysler PM: Gary Stanczuk | | Phone: 651 490 1405 Fax: 1006 | | |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

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

*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 | VOC 8260 / 40ml / HCl | TCL ABN 8082 / 1000 ml / amber / none | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWA-6 | 2/1/00 | 10:45 | G | GW | 5 | x | x | | | | | | | | |
| PZ-12D | | 11:05 | | | 5 | x | x | | | | | | | | |
| PZ-12I | | 10:35 | | | 5 | x | x | | | | | | | | |
| MWB-5 | | 08:50 | | | 5 | x | x | | | | | | | | |
| MW-75 | | 09:05 | | | 5 | x | x | | | | | | | | |
| PZ-22I | | 08:35 | | | 5 | x | x | | | | | | | | |
| MWB-4 | | 08:20 | | | 5 | x | x | | | | | | | | |
| PZ-21I | | 08:10 | | | 5 | x | x | | | | | | | | |
| MWT020100 | — | — | — | O | 2 | X | | | | | 816226734975 | | | | Trip blank cooler KL751 |
| MWT020100 | — | — | — | O | 2 | X | | | | | 816226734964 | | | | Trip blank cooler IL89 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Sampler(s)** Nicole Nieman, Dave Olson, Chris Hoffman | **Cooler ID #** KL751, IL89 | | | **Samples Relinquished under Airbill No.** 8702174677 3 | | **Temperature (corrected)** ___ C |
| | **Relinquished by:** [signature] | **Date:** 2/1/00 | **Time:** FedEx | **Received by:** | **Date:** | **Time:** | **Custody Seal Intact?** Yes No |
| **Is RFA sampling complete?** Yes No | **Relinquished by:** | **Date:** | **Time:** | **Received for Laboratory by:** | **Date:** | **Time:** | **Custody Seal Intact?** Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

0074 B

1st Qtr GW Sampling

| | | | |
|---|---|---|---|
| ~~Lancaster Laboratories~~ Kemron | Project Name: Dayton Thermal Products | Consultant: LBG | |
| ~~2425 New Holland Pike~~ 109 Starlite Park | Site Location: 1600 Wilmington St. Dayton OH | Address: 1210 West County Road E | |
| ~~Lancaster, PA 17601~~ Marietta OH 45750 | Site Code: 5r001 | St. Paul MN 55112 | |
| ~~Phone Number: (717) 656-2300~~ 740 373 4071 | RFA Number: YGBP2000303 SDG 203A | Consultant PM: Ken Vogel | |
| ~~Fax Number: (717) 656-2681~~ | DaimlerChrysler PM: Gary Chartuk | Phone: 651 490 1165 Fax: 1006 | |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

**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 | VOC 8260 Halomethane | TCL PCBs 8082 Groundwater Inorganic | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWC-2 | 2/1/00 | 17:25 | G | GW | 5 | X | X | | | | | | | | |
| PZ-9D | | 15:10 | | | 5 | X | X | | | | | | | | |
| MW-10S | | 15:25 | | | 5 | X | X | | | | | | | | |
| PZ-10I | | 15:40 | | | 5 | X | X | | | | | | | | |
| MWB-3 | | 16:15 | | | 5 | X | X | | | | | | | | |
| MW-11S | | 16:00 | | | 5 | X | X | | | | | | | | |
| MWC-3 | | 16:30 | | | 5 | X | X | | | | | | | | |
| MWB-2 | | 17:10 | | | 5 | X | X | | | | | | | | |
| MWT020100 | — | — | — | O | 2 | X | | | | | 816227461017 | | | | Trip blank cooler KL750 |
| MWT020100 | — | — | — | O | 2 | X | | | | | 816227461028 | | | | Trip blank cooler IL93 |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Sampler(s)** Nicole Nienow, Dave Olson, Chris Hoffman | Cooler ID # KL750, IL93 | | Samples Relinquished under Airbill No. ~~816227461453~~ | | | Temperature (corrected) ___ C |
| | Relinquished by: | Date: 2/1/00 | Time: FedEx | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes (No) | Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

No. 01222 A

1st Qtr. GW Sampling

| | | |
|---|---|---|
| CompuChem<br>501 Madison Avenue<br>Cary, NC 27513<br>Phone Number: (919) 379-4100<br>Fax Number: (919) 379-4040 | Project Name: Dayton Thermal Products<br>Site Location: 1600 Webster St. Dayton OH<br>Site Code: 5C001<br>RFA Number: YGQP2000203<br>DaimlerChrysler PM: Gary Slanczuk | Consultant: LBG<br>Address: 1210 West County Road E<br>St. Paul MN 55112<br>Consultant PM: Ken Vogel<br>Phone: 651 490 1405 Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**: FRECON/40ml/HCL

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

*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 | FRECON/40ml/HCL | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWA-1 | 020100 | 1745 | G | GW | 3 | X | | | | | | | | |
| PZ-16D | 020200 | 825 | G | GW | 3 | X | | | | | | | | |
| PZ-14I | 020200 | 840 | G | GW | 6 | X | | | | | | | | Duplicate |
| PZ-17D | 020200 | 910 | G | GW | 3 | X | | | | | | | | |
| PZ-17I | 020200 | 920 | G | GW | 3 | X | | | | | | | | |
| PZ-19I | 020200 | 1040 | G | GW | 3 | X | | | | | | | | |
| AS-1 | 020200 | 1220 | G | GW | 3 | X | | | | | | | | |
| FB020200 | 020200 | 915 | G | O | 3 | X | | | | | | | | |
| TBMWTO020200 | — | — | — | O | 2 | X | | | | | | | | Cooler # 1013 |
| MWA-4 | 020200 | 1445 | G | GW | 3 | X | | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sampler(s) Chris Hoffman, Nicole Nitcow | Cooler ID # 1013 | | | Samples Relinquished under Airbill No. 316227461050 | | | Temperature (corrected) ___ C |
| | Relinquished by: [signature] | Date: 2-2-00 | Time: FEDEX | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes No | Relinquished by: [signature] | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |

YGQP2003B

*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

# DAIMLERCHRYSLER — Chain-of-Custody

01220 A

1st QTR GW Sampling

| | | |
|---|---|---|
| CompuChem KEMRON<br>501 Madison Avenue 151 Staville Park<br>Cary, NC 27513 Marietta, OH 45750<br>Phone Number: ~~(919) 379-4100~~ 740-373-4071<br>Fax Number: ~~(919) 379-4040~~ | Project Name: Dayton Thermal Products<br>Site Location: 1600 Webster St. Dayton OH<br>Site Code: SC001<br>RFA Number: YGQP2000203<br>DaimlerChrysler PM: Gary Slawczuk | Consultant: LBG<br>Address: 1210 West County Road E<br>St. Paul MN 55112<br>Consultant PM Ken Vogel<br>Phone: 651 490 1405 Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

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

*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 | VOC 8260 / 40ml HCL | TCL PCB's 8082 / 1000ml Amber / None | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWA-1 | 020200 | 1745 | G | GW | 5 | X | X | | | | | | | |
| PZ-16D | 020200 | 825 | G | GW | 5 | X | X | | | | | | | |
| PZ-14I | 020200 | 840 | G | GW | 5 | X | X | | | | | | | |
| PZ-14I | 020200 | 840 | G | GW | 5 | X | X | | | | | | | Duplicate |
| MWTO020200 | — | — | — | O | 2 | X | | | | | | | | Cooler 597 |
| FB020200 | 020200 | 915 | — | O | 3 | X | | | | | | | | |
| TEMP BLANK | — | — | — | — | 1 | | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Sampler(s) Chris Hoffman, Nicole Nienow | Cooler ID # KL597 | | | Samples Relinquished under Airbill No. 816227416659 | | Temperature (corrected) ___ C |
| | Relinquished by: [signature] | Date: 020200 | Time: FDX | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes | Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |

SDES 2036

*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

# DAIMLERCHRYSLER — Chain-of-Custody

0075 B

1st Qtr GW Sampling

| | | | |
|---|---|---|---|
| ~~Lancaster Laboratories~~ Kemron | Project Name: Dayton Thermal Products | Consultant: CBG | |
| ~~2425 New Holland Pike~~ 109 Starlite Park | Site Location: 1000 Webster St. Dayton OH | Address: 1210 West County Road E | |
| ~~Lancaster, PA 17601~~ Marietta OH 45750 | Site Code: 52001 | St. Paul MN 55112 | |
| ~~Phone Number: (717) 656-2300~~ 740 734 4071 | RFA Number: Y6AP000203 SDG 203A | Consultant PM Ken Vogel | |
| ~~Fax Number: (717) 656-2681~~ | DaimlerChrysler PM: Greg Slawnyk | Phone: 651 490 1405 Fax: 1006 | |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

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

*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 | VOC 8260/40ml/HCl | TCL PCBs 8082 1000ml amber/None | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FB020100 | 2/1/00 | 1705 | G | O | 3 | X | X | | | | | | | Field Blank |
| P2-13T | ↓ | 1340 | ↓ | GW | 5 | X | X | | | | | | | |
| MWA-5 | ↓ | 1420 | ↓ | ↓ | 5 | X | X | | | | | | | |
| MWA-3 | ↓ | 1500 | ↓ | ↓ | 5 | X | X | | | | | | | |
| MWB-6 | ↓ | 1630 | ↓ | ↓ | 5 | X | X | | | | | | | |
| TWT020100 | — | — | — | O | 2 | X | | | | | | | | Trip blank KL707 cooler |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 816227461006 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sampler(s)** Wade Nixon/Chris Hoffman, Lane Olson | **Cooler ID #** KL751, KL707 | | | **Samples Relinquished under Airbill No.** ~~816227461153~~ | | | **Temperature (corrected)** ___ C |
| | **Relinquished by:** [illegible] | **Date:** 2/1/00 | **Time:** FedEx | **Received by:** | **Date:** | **Time:** | **Custody Seal Intact?** Yes No |
| **Is RFA sampling complete?** Yes (No) | **Relinquished by:** | **Date:** | **Time:** | **Received for Laboratory by:** | **Date:** | **Time:** | **Custody Seal Intact?** Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

No. 01219 A

1st QTR GW Sampling

| | | | |
|---|---|---|---|
| CompuChem | Project Name: Dayton Thermal Products | Consultant: LBG | |
| 501 Madison Avenue | Site Location: 1400 Webster St. Dayton OH | Address: 1210 West County Road E | |
| Cary, NC 27513 | Site Code: SC001 | St. Paul MN 55112 | |
| Phone Number: (919) 379-4100 | RFA Number: YGQP2000203 SDG 203A | Consultant PM: Ken Vogel | |
| Fax Number: (919) 379-4040 | DaimlerChrysler PM: Gary Stanczuk | Phone: 651 490 1405 | Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**: Freon 1 40ml / HCl

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

*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 | Freon 1 40ml / HCl | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-11S | 2/1/00 | 1600 | G | GW | 3 | X | | | | | | | | |
| MWC-3 | ↓ | 1630 | G | ↓ | 3 | X | | | | | | | | |
| MWB-2 | | 1710 | G | ↓ | 3 | X | | | | | | | | |
| FB020100 | | 1725 | G | O | 3 | X | | | | | | | | Field Blank |
| PZ-1BI | | 1340 | ↓ | GW | 3 | X | | | | | | | | |
| MWA-5 | | 1420 | | ↓ | 3 | X | | | | | | | | |
| MWA-3 | | 1500 | | | 3 | X | | | | | | | | |
| MWB-6 | ↓ | 1630 | ↓ | ↓ | 3 | X | | | | | | | | |
| MWT020100 | — | — | — | O | 1 | X | | | | | | | | |
| | | | | | | | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Sampler(s): Nicole Nieman, Dave Olson, Chris Hoffman | Cooler ID #: KL420 | | | Samples Relinquished under Airbill No. 816227461131 | | Temperature (corrected) ___ C |
| | Relinquished by: [signature] | Date: 2/1/00 | Time: FedEx | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes No | Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

01221 A

1st Qtr GW Sampling

| | | |
|---|---|---|
| CompuChem KEMRON<br>501 Madison Avenue<br>Cary, NC 27513<br>Phone Number: (919) 379-4100<br>Fax Number: (919) 379-4040 | Project Name: Dayton Thermal Products<br>Site Location: 1600 Webster St. Dayton OH<br>Site Code: 55001<br>RFA Number: YGAP2000203<br>DaimlerChrysler PM: Gary Stanczuk | Consultant: LBG<br>Address: 1210 West County Road E<br>St. Paul MN 55112<br>Consultant PM: Ken Vogel<br>Phone: 651 490 1405 Fax: 1006 |

109 Starlite Park
Marietta OH 45750
740 373 4071

**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) Lab DI Water

*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 | VOCs 8260D/40ml HCL | TCL PCBs 8270D 1000ml Amber/non | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PZ-17D | 020200 | 910 | G | GW | 5 | X | X | | | | | | | |
| PZ-17I | 020200 | 920 | G | GW | 5 | X | X | | | | | | | |
| PZ-19I | 020200 | 1040 | G | GW | 5 | X | X | | | | | | | |
| AS-1 | 020200 | 1220 | G | GW | 5 | X | X | | | | | | | |
| MWTO020200 | — | — | — | O | 2 | X | | | | | | | | Cooler KL020 |
| MWA-4 | 020200 | 1445 | G | GW | 5 | X | X | | | | | | | |

Sampler(s) Chris Hoffman, Nicole Niecow

Cooler ID # KL020

Samples Relinquished under Airbill No. 816227416040

Temperature (corrected) ___ C

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| Chris Hoffman | 020200 | 1015 | | | | Yes No |
| Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? |
| | | | | | | Yes No |

Is RFA sampling complete? Yes No

YG203B

*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

# DAIMLERCHRYSLER — Chain-of-Custody

01217 A

1st Qtr GW Sampling

| | | |
|---|---|---|
| CompuChem<br>501 Madison Avenue<br>Cary, NC 27513<br>Phone Number: (919) 379-4100<br>Fax Number: (919) 379-4040 | Project Name: Dayton Thermal Products<br>Site Location: 1600 Webster St. Dayton OH<br>Site Code: SC001<br>RFA Number: 4GQP2000203 SDG 203A<br>DaimlerChrysler PM: Gary Skowrzuk | Consultant: LBG<br>Address: 1210 West County Road F<br>St. Paul MN 55112<br>Consultant PM: Ken Vogel<br>Phone: 651 490 1405 Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

**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 | Freon/40ml/HCl | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PZ-8D | 2/1/00 | 13:50 | G | GW | 3 | X | | | | | | | | | |
| PZ-8I | | 14:00 | | | 3 | X | | | | | | | | | |
| PZ-15I | | 14:30 | | | 6 | X | | | | | | | | | Duplicate |
| PZ-7I | | 13:15 | | | 3 | X | | | | | | | | | |
| MWB-1 | | 12:15 | | | 3 | X | | | | | | | | | |
| MWC-1 | | 12:12 | | | 3 | X | | | | | | | | | |
| MW-155 | | 13:00 | | | 3 | X | | | | | | | | | |
| MWA-6 | | 10:45 | | | 3 | X | | | | | | | | | |
| PZ-12D | | 10:05 | | | 3 | X | | | | | | | | | |
| PZ-12I | 10:35 | ~~0858~~ | | | 3 | X | | | | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sampler(s): Nicole Ninow, Dave Olson, Chris Hoffman | Cooler ID # KL420 | | | Samples Relinquished under Airbill No. 816227461131 | | | Temperature (corrected) ___ C |
| | Relinquished by: [signature] | Date: 2/1/00 | Time: Fed Ex | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes (No) | Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

No. 01218 A

1st QTR GW Sampling

| | | | |
|---|---|---|---|
| CompuChem | Project Name: Dayton Thermal Products | Consultant: LBG | |
| 501 Madison Avenue | Site Location: 1600 Webster St. Dayton OH | Address: 1210 West County Road E | |
| Cary, NC 27513 | Site Code: S0001 | St. Paul MN 55112 | |
| Phone Number: (919) 379-4100 | RFA Number: YGAP2000203 SDG 203A | Consultant PM: Ken Vogel | |
| Fax Number: (919) 379-4040 | DaimlerChrysler PM: Gary Slamczuk | Phone: 651 490 1405 | Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**: Freon/40ml/HCl

**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 | Freon/40ml/HCl | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWB-5 | 2/1/00 | 0850 | G | GW | 3 | X | | | | | | | | |
| MW-7S | | 0905 | | | 3 | X | | | | | | | | |
| PZ-22I | | 0835 | | | 3 | X | | | | | | | | |
| MWB-4 | | 0820 | | | 3 | X | | | | | | | | |
| PZ-21I | | 0810 | | | 3 | X | | | | | | | | |
| MWC-2 | | 1725 | | | 3 | X | | | | | | | | |
| PZ-9D | | 1510 | | | 3 | X | | | | | | | | |
| MW-10S | | 1525 | | | 3 | X | | | | | | | | |
| PZ-10I | | 1540 | | | 3 | X | | | | | | | | |
| MWB-3 | | 1615 | | | 3 | X | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Sampler(s): Nicole Niznow, Dave Olson, Chris Hoitman | Cooler ID #: KL 420 | | | Samples Relinquished under Airbill No.: 816227461131 | | Temperature (corrected) ___ C |
| | Relinquished by: [signature] | Date: 2/1/00 | Time: FedEx | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
| Is RFA sampling complete? Yes No | Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |

SDG 203A

*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

# DAIMLERCHRYSLER — Chain-of-Custody

0629 B

1st Qtr GW Sampling

Lancaster Laboratories: KEMRON
2425 New Holland Pike: 109 South Hollow Road
Lancaster, PA 17601: Marietta, OH 45750
Phone Number: (717) 656-2300 740-373-4071
Fax Number: (717) 656-2681

Project Name: DAYTON THERMAL PRODUCTS
Site Location: 1401 SOUTH ST. DAYTON OH
Site Code: [illegible]
RFA Number: YEA1P000203
DaimlerChrysler PM: GARY STANCZOK

Consultant: LEG
Address: 120 WEST COUNTY LINE
TRACE DAM
Consultant PM: KEN VOGEL
Phone: 651-490-1145 Fax: 1000

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**

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

*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 | VOC 8260 HCl | TPH GRO 8015 HCl | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WLURCM2 | 2/3/00 | 1332 | G | GW | 5 | X | X | | | | | | | GW SAMPLING RAGE WATER |
| WLDRCM2 | 2/3/00 | 1347 | G | GW | 5 | X | X | | | | | | | GW SAMPLING RAGE WATER |
| WLTB2030C | — | — | — | O | 2 | X | | | | | | | | Color ?!!? |

Sampler(s): Chris Hoffman
Cooler ID #: 11
Samples Relinquished under Airbill No.: [illegible] Temperature (corrected) ___ C

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: | Custody Seal Intact? Yes No |
|---|---|---|---|---|---|---|
| [illegible] | 2/3/00 | 1400 | | | | |

Is RFA sampling complete? Yes No

| Relinquished by: | Date: | Time: | Received for Laboratory by: | Date: | Time: | Custody Seal Intact? Yes No |
|---|---|---|---|---|---|---|
| | | | | | | |

VOC 8260

*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

# DAIMLERCHRYSLER — Chain-of-Custody

1st Qtr GW Sampling

No. 01223 A

| | | |
|---|---|---|
| CompuChem<br>501 Madison Avenue<br>Cary, NC 27513<br>Phone Number: (919) 379-4100<br>Fax Number: (919) 379-4040 | Project Name: Dayton Thermal Products<br>Site Location: 1600 Webster St. Dayton OH<br>Site Code: S0001<br>RFA Number: YGAP21000203<br>DaimlerChrysler PM: Gary Stanczuk | Consultant: IBG<br>Address: 1210 West County Rd E<br>St. Paul MN<br>Consultant PM: Kim Vogel<br>Phone: 651 490 1405 Fax: 1006 |

**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

**Compound List-Parameter/Method/Bottle Type/Preservative**: FREON/HCL

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

*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 | FREON/HCL | | | | | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WLDROM1 | 2/3/00 | 1333 | G | GW | 3 | X | | | | | | | | | GW SAMPLING PORT WATER |
| WLDRUM2 | 2/3/00 | 1347 | G | GW | 3 | X | | | | | | | | | GW SAMPLING PORT WATER |
| WLTO2030 | — | — | — | C | 2 | X | | | | | | | | | Cooler # 1094 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

Sampler(s) Chris Hoffman

Cooler ID # 1094

Samples Relinquished under Airbill No. 815313875275

Temperature (corrected) ___ C

| Relinquished by: | Date: | Time: | Received by: | Date: | Time: | Custody Seal Intact? |
|---|---|---|---|---|---|---|
| Chris Hoffman | 2/3/00 | FEDEX | | | | Yes No |
| **Relinquished by:** | **Date:** | **Time:** | **Received for Laboratory by:** | **Date:** | **Time:** | **Custody Seal Intact?** |
| | | | | | | Yes No |

Is RFA sampling complete? Yes No

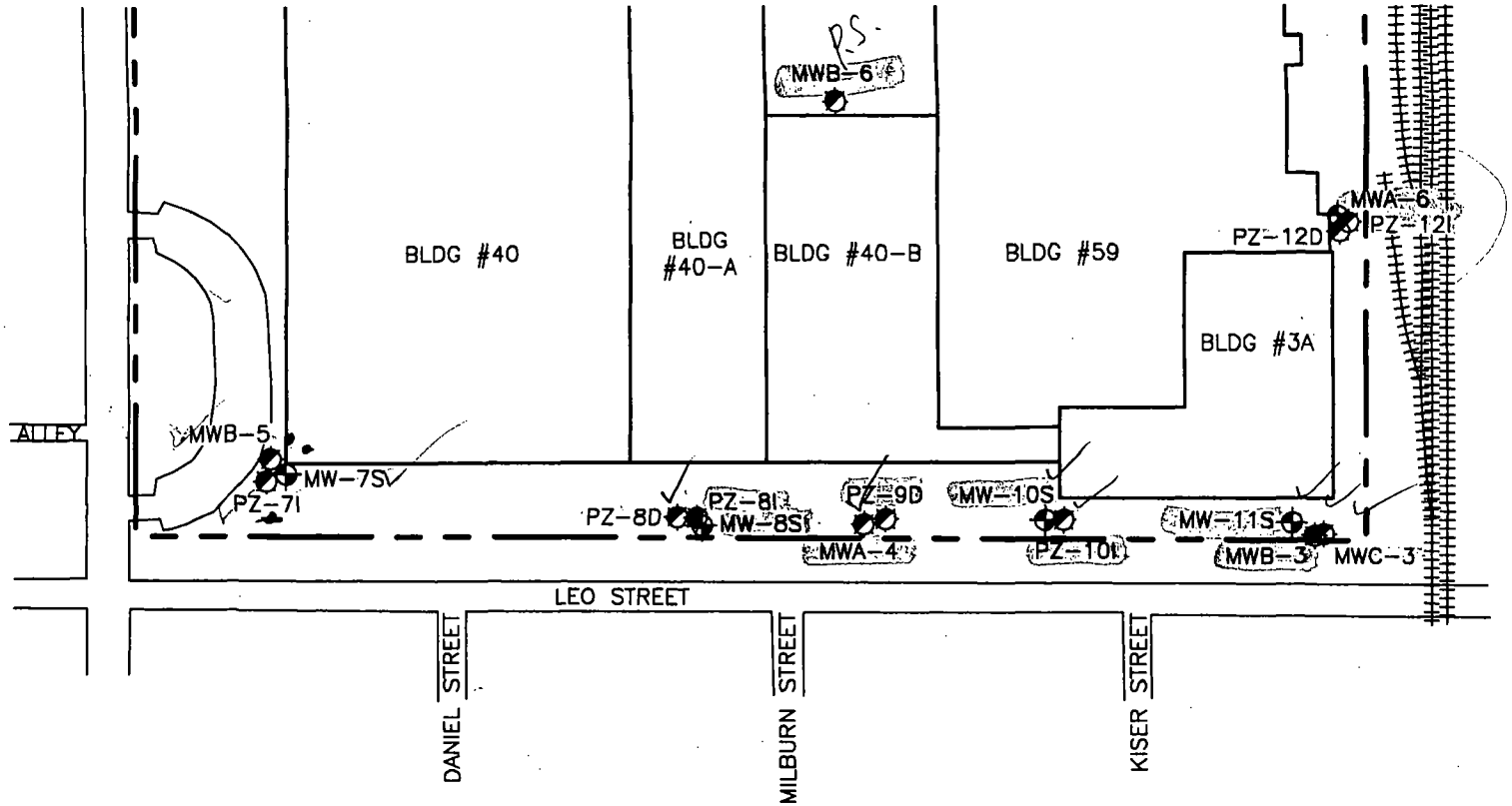
YG203C

*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

SDG 203B is not final SDG as indicated previously

Revision No 3
Created: July 9, 1999




## LEGEND

WELL LOCATION

PIEZOMETER LOCATION

HAZWASTE

EXISTING TANK

0 200

APPROX. SCALE IN FEET

SOURCE: CLEAN TECH, INC.

| DATE | REVISED |
|---|---|
| 1/98 | MW & PZ SURVEY |
| | |
| | |
| | |
| | |


*Prepared By:*

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# DAYTON THERMAL PRODUCTS PLANT

DAYTON, OHIO

## SITE MAP

| FILE: | 3CHDA03E.DWG | DATE: | JANUARY 1998 | FIGURE: | 2 |
|---|---|---|---|---|---|

**CHRYSLER CORPORATION** SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Chrysler RFA Number: 99-258 | Well# MWA001

PROJECT: 4th Qtr GW Sampling
LOCATION: DTP
Dayton OH

Date: 10/12-13/99
Inspectors: DVS/DGO/MCP
Pump #: Dayton #1
Bladder #: —

Weather/Field Conditions Checklist (Record Major Changes)

| | Time (24 hr) | Temp (Apprx) | Weather (Apprx) | Rel. Humidity (Gen) | Wind (From) Velocity (Apprx) | Wind (From) Direction (0 - 360) | Ground/Site Surface Conditions |
|---|---|---|---|---|---|---|---|
| 10/12 | 1545 | mid 60's | Sunny | | | | Dry |
| 10/13 | | | | | | | |
| | 0910 | low 60's | Cloudy | | 15 | SW | Dry |

MONITORING

| Instrument | Detector |
|---|---|
| — | — |
| | |

WELL DIAMETER FACTOR

| Diameter (inches): | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gallons/Foot: | 0.041 | 0.092 | 0.163 | 0.367 | 0.654 | 1.02 | 1.47 | 2.00 | 2.61 | 3.30 | 5.87 |

Standing Water Volume = Well Diameter Factor × Water Column

| HISTORIC DATA | Initial/Final Depth to Water (ft) | Depth to Top of Screen (ft) | Initial/Final Turbidity | Initial/Final pH | Initial/Final Spec. Cond. |
|---|---|---|---|---|---|
| | 25.63 | 39.1 | / clear | 7.5 / 7.4 | 1000 / 1000 |
| DATA COLLECTED AT WELL SITE | PID Reading (Opening Well) | Static Water Level (ft) | Calculated Standing Water Vol. (Gal) | Depth to Pump Intake (ft) | Pumping Start Time (24 hr) |
| | — | 25.63 | 2.1 | 27' | 1545 |

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

| Time (min) | Pumping Rate (l/min) | Cumulative Vol. (Gallons) | Temperature (C) | Spec. Cond. (umbos) | pH | ~~Eh~~ D.O. | Turbidity (NTU) | Depth to Water (ft) |
|---|---|---|---|---|---|---|---|---|
| 1545 | | | 19.4 | 1000 | 7.5 | 0.38 | mg/L | 25.63 |
| 1548 | ~2 | 2 | | 1000 | 7.5 | | | |
| 1550 | | 4 | | 1000 | 7.4 | | | |
| 1553 | | 6 | | 1000 | 7.4 | | Clear | |

| 1 Water Level to Top of Well Casing (ft) | 2 Top of Casing to Bottom of Casing (ft) | 3 Column of Standing Water in Well (ft) (2 minus 1) | 4 Well Diameter Factor | 5 Volume in Gallons ( 3×4) | 6 Number of Well Volumes to be Evacuated | 7 Total Volume to be Evacuated (Gallons) (5×6) |
|---|---|---|---|---|---|---|
| 25.63 | 39.05 | 13.42 | 0.16 | 2.1 | 3 | 6.3 |
| | | | | | | |
| | | | | | | |

* Use this chart to calculate total purge volume when conducting standard purging activities of 3 to 5 well volumes

**CHRYSLER CORPORATION**

SAMPLING RECORD - GROUNDWATER

Consultant: LBG | Client: Dayton Thermal Products | Well #: MWA-001

| Sampling Order | | Bottles | | | Sample Number | Time | Checked By/Date |
|---|---|---|---|---|---|---|---|
| | | Count/Volume | Type | Preserv. | | | |
| 1 | VOA | 3 / 40 ml | P, G, AG | HCL | MWA-001 | 09:10 | 10/13/99 |
| 1A | BTEX | | P, G, AG | | | | |
| 2 | SVOC | | P, G, AG | | | | |
| 2A | PAHs | | P, G, AG | | | | |
| 2B | TPH | | P, G, AG | | | | |
| 3 | HERB | | P, G, AG | | | | |
| 4 | Pest/PCB | | P, G, AG | | | | |
| 5 | Total metals | | P, G, AG | | | | |
| 6 | Filtered Metals | | P, G, AG | | | | |

COMMENTS: Bottle counts are tripled if MS/MSD samples are collected.

* Justification for Filtration:

Sample [redacted]s:

Description clear