Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

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J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

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Organic Qualifiers

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Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
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S	Method of standard additions (MSA) used for calculation
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W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168449

MWC002-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 16:00 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

C002F SDG#: DCN89-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	2.41		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	13.9	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 00:18	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168450

MWA005-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 16:15 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

C005- SDG#: DCN89-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.249	0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.20	0.045	mg/l	1
07058	Manganese	7439-96-5	0.302	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	302.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	546.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	0.023 J	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	3.7	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	2.1	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	75.2	7.5	mg/l	5
04001	Chemical Oxygen Demand	n.a.	23.2 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.045 J	0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 00:35	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	12/05/2003 13:30	Julie A Slaughenhoupt	1
07058	Manganese	SW-846 6010B	1	12/05/2003 00:35	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	12/02/2003 11:05	Susan A Engle	5

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Livonia MI 48153-7933

C005- SDG#: DCN89-03

00219	Nitrite Nitrogen	EPA 353.2	1	11/20/2003 19:19	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/28/2003 19:27	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/21/2003 07:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/26/2003 17:17	Michelle A Bolton	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/24/2003 10:10	Susan A Engle	5
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/20/2003 20:15	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 15:51	Tiffany A George	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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C005F SDG#: DCN89-04

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01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
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Dayton Thermal/Dayton, OH
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Account Number: 10160

Submitted: 11/20/2003 09:20
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Discard: 02/04/2004

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Z131- SDG#: DCN89-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.0619 J	0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.062 J	0.045	mg/l	1
07058	Manganese	7439-96-5	0.161	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	340.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	448.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.50	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.3 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	78.4	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	11.5 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	N.D.	0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 00:47	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	12/05/2003 13:32	Julie A Slaughenhoupt	1
07058	Manganese	SW-846 6010B	1	12/05/2003 00:47	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	12/02/2003 11:05	Susan A Engle	5

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
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ppb parts per billion

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Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
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S	Method of standard additions (MSA) used for calculation
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168452

PZ13I-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 16:00 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z131- SDG#: DCN89-05

00219	Nitrite Nitrogen	EPA 353.2	1	11/20/2003 19:20	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/28/2003 19:29	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/21/2003 07:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/26/2003 17:25	Michelle A Bolton	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/24/2003 10:10	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/20/2003 20:15	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 16:02	Tiffany A George	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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g	gram(s)	**kg**	kilogram(s)
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168453

PZ13I-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 16:00 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z131F SDG#: DCN89-06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 00:52	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168454

MWA002-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 13:15 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

A002- SDG#: DCN89-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	1.50	0.0453	mg/l	1
02268	Ferric Iron	n.a.	1.5	0.045	mg/l	1
07058	Manganese	7439-96-5	0.0706	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
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00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
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	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.6 J	0.50	mg/l	1
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04001	Chemical Oxygen Demand	n.a.	32.5 J	8.2	mg/l	1
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168454

MWA002-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH

Collected:11/19/2003 13:15 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

A002- SDG#: DCN89-07

00219	Nitrite Nitrogen	EPA 353.2	1	11/20/2003 19:22	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	12/01/2003 21:40	Venia B McFadden	1
00229	Sulfite	EPA 377.1	1	11/21/2003 07:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/26/2003 17:33	Michelle A Bolton	1
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04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/20/2003 20:15	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 16:13	Tiffany A George	1
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U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168455

MWA002-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 13:15 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

A002F SDG#: DCN89-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	32.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 00:58	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
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Inorganic Qualifiers

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M	Duplicate injection precision not met
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168456

PZ16D-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 12:50 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z16D- SDG#: DCN89-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	4.65	0.0453	mg/l	1
02268	Ferric Iron	n.a.	2.1	0.080	mg/l	1
07058	Manganese	7439-96-5	0.180	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	412.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	612.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.6 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	98.3	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	18.5 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	2.5	0.080	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:04	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	12/05/2003 13:35	Julie A Slaughenhoupt	1
07058	Manganese	SW-846 6010B	1	12/05/2003 01:04	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	12/02/2003 11:05	Susan A Engle	5

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168456

PZ16D-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 12:50 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z16D- SDG#: DCN89-09

00219	Nitrite Nitrogen	EPA 353.2	1	11/20/2003 19:25	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	12/01/2003 21:41	Venia B McFadden	1
00229	Sulfite	EPA 377.1	1	11/21/2003 07:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/26/2003 17:17	Michelle A Bolton	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/24/2003 10:10	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/20/2003 20:15	Daniel S Smith	10
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 16:23	Tiffany A George	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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2425 New Holland Pike • Lancaster, PA 17601

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168457

PZ16D-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH

Collected:11/19/2003 12:50 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z16DF SDG#: DCN89-10

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	2.20		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	13.9	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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E	Concentration exceeds the calibration range of the instrument
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Inorganic Qualifiers

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N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168458

PZ8D-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:55 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8D-- SDG#: DCN89-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	3.24	0.0453	mg/l	1
02268	Ferric Iron	n.a.	1.3	0.080	mg/l	1
07058	Manganese	7439-96-5	0.132	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	427.	0.41	mg/l as CaCO3	1
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00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.7 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	118.	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	25.5 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	2.0	0.080	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:15	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	12/05/2003 13:37	Julie A Slaughenhoupt	1
07058	Manganese	SW-846 6010B	1	12/05/2003 01:15	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	12/02/2003 11:05	Susan A Engle	5

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

J estimated value -- The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

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ppb parts per billion

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Organic Qualifiers

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N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168458

PZ8D-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:55 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8D-- SDG#: DCN89-11

00219	Nitrite Nitrogen	EPA 353.2	1	11/20/2003 19:43	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	12/01/2003 21:45	Venia B McFadden	1
00229	Sulfite	EPA 377.1	1	11/21/2003 07:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/22/2003 03:38	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/24/2003 10:10	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/20/2003 20:15	Daniel S Smith	10
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 16:34	Tiffany A George	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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ug	microgram(s)	**mg**	milligram(s)
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168459

PZ8D-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:55 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8DF- SDG#: DCN89-12

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	1.46		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	18.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:21	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
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ppb parts per billion

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E	Concentration exceeds the calibration range of the instrument
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P	Concentration difference between primary and confirmation columns >25%
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X,Y,Z	Defined in case narrative

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168460

PZ8I-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:47 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8I-- SDG#: DCN89-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.100 J	0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.092 J	0.045	mg/l	1
07058	Manganese	7439-96-5	0.0984	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	166.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	242.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	2.0 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	27.9	1.5	mg/l	1
04001	Chemical Oxygen Demand	n.a.	11.5 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.0088 J	0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	100.	1.0	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:26	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	12/05/2003 13:39	Julie A Slaughenhoupt	1
07058	Manganese	SW-846 6010B	1	12/05/2003 01:26	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	12/02/2003 11:05	Susan A Engle	5

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168460

PZ8I-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:47 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
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Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8I-- SDG#: DCN89-13

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04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
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07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 16:55	Tiffany A George	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168461

PZ8I-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:47 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8IF- SDG#: DCN89-14

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	11.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:43	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

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Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168462

MW8S-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:45 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8S-- SDG#: DCN89-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.554	0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.55	0.045	mg/l	1
07058	Manganese	7439-96-5	0.0071	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	295.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	437.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	1.1	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	9.3	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	33.3	1.5	mg/l	1
04001	Chemical Oxygen Demand	n.a.	27.8 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	N.D.	0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:49	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	12/05/2003 13:41	Julie A Slaughenhoupt	1
07058	Manganese	SW-846 6010B	1	12/05/2003 01:49	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/21/2003 17:36	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	12/02/2003 11:05	Susan A Engle	5

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

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ppb parts per billion

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168462

MW8S-111903 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:45 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8S-- SDG#: DCN89-15

00219	Nitrite Nitrogen	EPA 353.2	1	11/20/2003 19:34	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	12/01/2003 21:50	Venia B McFadden	1
00229	Sulfite	EPA 377.1	1	11/21/2003 07:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/22/2003 03:54	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/24/2003 10:10	Susan A Engle	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/24/2003 08:50	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/20/2003 20:15	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/25/2003 17:06	Tiffany A George	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4168463

MW8S-111903 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/19/2003 08:45 by DD

Account Number: 10160

Submitted: 11/20/2003 09:20
Reported: 12/05/2003 at 16:37
Discard: 02/04/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Z8SF- SDG#: DCN89-16

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	34.8	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	12/05/2003 01:54	Donna R Sackett	1
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01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/25/2003 20:00	James L Mertz	1

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 875688
Reported: 12/09/03 at 11:30 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03324105103A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458							
Nitrite Nitrogen	N.D.	0.015	mg/l	100		89-110		
Batch number: 03324105103B	Sample number(s): 4168460,4168462							
Nitrite Nitrogen	N.D.	0.015	mg/l	100		89-110		
Batch number: 03324834401A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Ferrous Iron	N.D.	0.0080	mg/l	104		92-105		
Batch number: 03325011112A	Sample number(s): 4168448							
Total Organic Carbon	N.D.	0.50	mg/l	102		89-115		
Batch number: 03325011112B	Sample number(s): 4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Total Organic Carbon	N.D.	0.50	mg/l	102		89-115		
Batch number: 03325020201A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Alkalinity to pH 4.5				100		98-103		
Batch number: 03325022901A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Sulfite	N.D.	1.2	mg/l	83		68-103		
Batch number: 033280012A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Ethane	N.D.	1.0	ug/l	98		80-120		
Ethene	N.D.	1.0	ug/l	98		80-120		
Batch number: 03328112501A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Sulfate (turbidimetric)	N.D.	1.5	mg/l	96		90-110		
Batch number: 03328400102A	Sample number(s): 4168448-4168463							
Chemical Oxygen Demand				99		95-107		
Batch number: 033291848007	Sample number(s): 4168448-4168463							
Iron	N.D.	0.0453	mg/l	105		91-114		
Manganese	N.D.	0.00051	mg/l	103		93-110		
Batch number: 03332106102B	Sample number(s): 4168448,4168450,4168452							
Nitrate Nitrogen	N.D.	0.040	mg/l	97		89-110		
Batch number: 03335106101A	Sample number(s): 4168454,4168456,4168458,4168460							

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

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 875688
Reported: 12/09/03 at 11:30 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		
Batch number: 03335106101B	Sample number(s): 4168462							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		
Batch number: 03336021601A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462							
Total Hardness	N.D.	0.49	mg/l as Ca	101		98-107		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03324105103A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458								
Nitrite Nitrogen	103		90-110			N.D.	N.D.	0 (1)	20
Batch number: 03324105103B	Sample number(s): 4168460,4168462								
Nitrite Nitrogen	54*		90-110			N.D.	N.D.	200* (1)	20
Batch number: 03324834401A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462								
Ferrous Iron	99	98	76-119	1	5	2.5	2.6	3	20
Batch number: 03325011112A	Sample number(s): 4168448								
Total Organic Carbon	97		63-136			1.6 J	1.6 J	1 (1)	3
Batch number: 03325011112B	Sample number(s): 4168450,4168452,4168454,4168456,4168458,4168460,4168462								
Total Organic Carbon	100		63-136			5.3	5.2	2 (1)	3
Batch number: 03325020201A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	99	99	64-130	0	2	76.9	75.8	1	4
Batch number: 03325022901A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462								
Sulfite	50	39	29-104	25*	20	N.D.	N.D.	200* (1)	20
Batch number: 033280012A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462								

*- Outside of specification
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2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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ppb parts per billion

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 875688
Reported: 12/09/03 at 11:30 AM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethane	100	105	71-128	5	20				
Ethene	102	108	68-142	6	20				
Batch number: 03328112501A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462								
Sulfate (turbidimetric)	97	96	69-124	1	4	19.4	18.1	7* (1)	4
Batch number: 03328400102A	Sample number(s): 4168448-4168463								
Chemical Oxygen Demand	92	94	90-110	2	2	7,070.	6,930.	2	4
Batch number: 033291848007	Sample number(s): 4168448-4168463								
Iron	111	111	75-125	0	20	1.50	1.56	4	20
Manganese	100	103	85-111	2	20	0.0706	0.0712	1	20
Batch number: 03332106102B	Sample number(s): 4168448,4168450,4168452								
Nitrate Nitrogen	97		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03335106101A	Sample number(s): 4168454,4168456,4168458,4168460								
Nitrate Nitrogen	97		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03335106101B	Sample number(s): 4168462								
Nitrate Nitrogen	93		90-110			1.1	1.1	0	2
Batch number: 03336021601A	Sample number(s): 4168448,4168450,4168452,4168454,4168456,4168458,4168460,4168462								
Total Hardness	100	101	93-115	0	2	72.2	73.8	2	4

Surrogate Quality Control

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 033280012A

	Propene
4168448	91
4168450	97
4168452	91
4168454	93
4168456	90
4168458	89
4168460	94
4168462	92

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Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 875688
Reported: 12/09/03 at 11:30 AM

Surrogate Quality Control

Blank	93
LCS	94
MS	89
MSD	93
Limits:	58-129

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DAIMLERCHRYSLER

Chain-of-Custody

No. 00564 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET - 03031
DaimlerChrysler PM: Gary Stanczuk

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Sheboygan, WI. 53083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs								Remarks
MIP-50-20	6/19/03	1230	G	GW	2	x								
MIP-53-25	6/19/03	1355	|	|	3	x								
MIP-67-50	6/19/03	1545	|	|	3	x								
MIP-67-40	6/19/03	1605	|	|	3	x								
MIP-67-25	6/19/03	1615	|	|	3	x								
MIP-51-50	6/19/03	1800	|	|	3	x								
MIP-51-40	6/19/03	1825	|	|	3	x								
MIP-51-25	6/19/03	1840	|	|	3	x								
EB-062003	6/20/03	1000	|	|	3	x								
Trip & Temp. Blank			↓	↓	2	x								

Sampler(s) DD LH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. December	6/20/03	1100				Yes No
Relinquished by:	**Date:**	**Time:**	**Received for Laboratory by:**	**Date:**	**Time:**	**Custody Seal Intact?**
						Yes No

Is RFA sampling complete? Yes No

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

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

EPA Region 5 Records Ctr.
349925

Revision No. 3

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

No. 00569 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Taylor Thermal
Site Location: Taylor, OH
Site Code:
RFA Number: ~~[illegible]~~ ET 03031
DaimlerChrysler PM: Ron Stanczuk

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Sheboygan WI 53085
Consultant PM: Rob Stenson
Phone: 920-451-2107 Fax: 920-458-0550

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	VOCs									Remarks
MIP-64-30	6/18/03	1610	G	GW	3	X									
MIP-64-25	6/18/03	1620			3	X									
MIP-65-65	6/18/03	1825			3	X									
MIP-65-55	6/18/03	1840			3	X									
MIP-65-25	6/18/03	1855			3	X									
MIP-39-70	6/19/03	0950			3	X									
MIP-39-60	6/19/03	1000			3	X									
MIP-39-20	6/19/03	1025			3	X									
MIP-35-60	6/19/03	1150			3	X									
MIP-35-40	6/19/03	1200	↓	A	3	X									

Sampler(s) DD LH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Pierce	6/20/03	1100				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

00563 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanczak

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Sheboygan, WI 53083
Consultant PM: Rob Stanson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MIP-24-25	6/18/03	1745	G	GW	3	X									
MIP-15-20	6/18/03	1540			3	X									
MIP-41-45	6/18/03	1725			3	X									
MIP-41-35	6/18/03	1740			3	X									
MIP-41-25	6/18/03	1755			3	X									
MIP-44-55	6/19/03	0940			3	X									
MIP-44-40	6/19/03	1000			3	X									
MIP-44-25	6/19/03	1055			3	X									
MIP-50-50	6/19/03	1155			3	X									
MIP-50-30	6/19/03	1200	↓	↓	3	X									

Sampler(s) DP LH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Decker	6/20/03	1100				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

00562 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanczyk

Consultant: Earth Tech
Address: 4175 Technology Pkwy
Sheboygan, WI 53083
Consultant PM: Rob Stenson
Phone: 920-451-2467 Fax: 920-458-0550

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	VOCs								Remarks
MIP-46-75	6/17/03	1810	G	GW	3									
MIP-46-55	6/17/03	1835												
MIP-46-25	6/17/03	1855												
MIP-19-45	6/18/03	0925												
MIP-19-25	6/18/03	0945												
MIP-25-45	6/18/03	1035												
MIP-25-35	6/18/03	1105												
MIP-25-25	6/18/03	1120												
MIP-24-55	6/18/03	1215												
MIP-24-35	6/18/03	1230												

Sampler(s) DD LH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Deeb[illegible]	6/20/03	1100				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

No. 00561 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanczuk

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Sheboygan WI 53083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MIP-35-25	6/19/03	1215	G	GW	3	X									
MIP-43-70	6/19/03	1345			3	X									
MIP-43-35	6/19/03	1420			3	X									
MIP-43-25	6/19/03	1450			3	X									
MIP-11-70	6/19/03	1745			3	X									
MIP-11-50	6/19/03	1800			3	X									
MIP-11-20	6/19/03	1815			3	X									
MIP-48-56	6/17/03	1535			3	X									
MIP-48-36	6/17/03	1605			3	X									
MIP-48-31	6/17/03	1625			3	X									

Sampler(s) DD LH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Deacon	6/20/03	1100				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

00270 **A**

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: BT 03031
DaimlerChrysler PM: Gary Stanczuk

Consultant: Bart Tech
Address: 4135 Technology Drive
Stevensville MI 53042
Consultant PM: Rob Stinson
Phone: 920-451-2410 Fax: 920-458-0559

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	VOCs									Remarks
MIP-26-58	6/17/03	1740	G	GW	3	X									
MIP-26-35	6/17/03	1810			3	X									
MIP-26-25	6/17/03	1840			3	X									
MIP-31-60	6/18/03	1015			3	X									
MIP-31-40	6/18/03	1040			3	X									
MIP-31-20	6/18/03	1100			3	X									
MIP-18-65	6/18/03	1230			3	X									
MIP-18-40	6/18/03	1315			3	X									
MIP-18-25	6/18/03	1900			3	X									
MIP-64-40	6/18/03	1550			3	X									

Sampler(s): DD KH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected): ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
D. Deerman	6/20/03	1100				

Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? (Yes) No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page ___ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

2586 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: ET 03030
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible]
Consultant PM: [illegible]
Phone: [illegible] Fax: [illegible]

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	8015 B	[illegible]	[illegible]	[illegible]						Remarks
MCP-60-45	[illegible]	1015	G	GW	5	2	[illegible]	[illegible]	1						
MCP-61-55	[illegible]	1340	[illegible]	[illegible]	[illegible]	2	[illegible]	4	1						

Sampler(s)

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ____ C

Relinquished by:	Date:	Time:	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

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

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

№ 00316 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03020
DaimlerChrysler PM: Gary Stanmore

Consultant: EnviTech
Address: 4135 Technology Pkwy
Stevens Point WI 53083
Consultant PM: Bob Stenson
Phone: 920-457-2407 Fax: 920-458-0550

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	NO_3	NO_2	TOC	COD	COD Diss.	SO_4	SO_3	Alkalinity	T. Hardness	Remarks
MIP-31-40	6/18/03	1040	G	GW	9	1	1	1	1	1	1	1	1	1	
MIP-18-40	6/18/03	1315	G	GW	9	1	1	1	1	1	1	1	1	1	
Trans. Trip Blank					2										

Sampler(s) D. Dorenbeck

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[signature]	6/19/03	1915				Yes No

Is RFA sampling complete?	Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
Yes No							Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed each time the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

NE 00317 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: [illegible]
Site Location: [illegible], OH
Site Code: [illegible]
RFA Number: FT-03030
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: 4135 [illegible] PKWY
[illegible] OH 53083
Consultant PM: [illegible]
Phone: 770-451-7407 Fax: 770-458-0550

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	8015B	Fe 2+	Mn Fe	Fe Diss						Remarks
MIP-31-40	6/18/03	1040	G	GW	5	2	1	1	1						
MIP-18-40	6/18/03	1315	G	GW	5	2	1	1	1						

Sampler(s): [illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	6/19/03	1915				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed each time the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

2581 B

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

Project Name: [illegible] Thermal
Site Location: [illegible] OH
Site Code:
RFA Number: [illegible] 05030
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible] WI 53083
Consultant PM: [illegible]
Phone: [illegible] Fax: [illegible]

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	NO2	NO3	TOC	COD	COD Pres	SO4	[illegible]	[illegible]	[illegible]	Remarks
MIP-60-45	[illegible]	1015	G	GW	9	1	1	1	1	1	1	1	1	1	
MIP-66-55	[illegible]	1340	[illegible]	[illegible]	[illegible]	1	1	1	1	1	1	1	1	1	

Sampler(s)

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
[illegible]	[illegible]	[illegible]				

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

Revision No: 3
Created: July 9, 1999

Page 1 of 2

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

№ 00312 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET C3031
DaimlerChrysler PM: Gary Stanczak

Consultant: Cardinal Tech
Address: 4135 Technology Pkwy
Stoughton WI 53589
Consultant PM: Rob Slaman
Phone: 920-451-[illegible] Fax: 920-458-[illegible]

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									Remarks
MIP-22-55	5/16/03	1010	G	SW	3	X									
MIP-22-55 dup	5/16/03	1010	|	|	|	X									
MIP-22-30	5/16/03	1030	|	|	|	X									
MIP-22-30 dup	5/16/03	1030	|	|	|	X									
MIP-61-75	5/16/03	945	|	|	|	X									
MIP-61-60	5/16/03	1010	|	|	|	X									
MIP-61-40	|	1030	|	|	|	X									
MIP-23-46	|	1330	|	|	|	X									
MIP-23-36	|	1350	|	|	|	X									
MIP-23-28	↓	415	↓	↓	↓	X									+ Trip Blank & Equip. Blank

Sampler(s): D. Deroulen

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Deroulen	5/16/03	1415				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

00356 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dex - Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanczyk

Consultant: ~~[illegible]~~ Earth Tech
Address: 4135 Technology Pkwy
Sheboygan, WI 53083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MIP-14-68	5/13/03	1300	G	GW	3	✓									
MIP-14-48	↓	1320	↓	↓	↓	✓									
MIP-14-30	↓	1335	↓	↓	↓	✓									
MIP-20-65	↓	1600	↓	↓	↓	✓									
MIP-20-45	↓	1630	↓	↓	↓	✓									
MIP-20-30	↓	1700	↓	↓	↓	✓									
MIP-12-70	↓	1840	↓	↓	↓	✓									
MIP-12-45	↓	1900	↓	↓	↓	✓									
MIP-12-20	↓	1915	↓	↓	↓	✓									
Trip Blank/Trip Blank															

Sampler(s) DD

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Dorenbos	5/13/03	19:40				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles), or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

NE 00318 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanford

Consultant: Earth Tech
Address: 4135 Technology PKWY
Sheboygan WI 53083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MIP-28-60	5/14/03	905	G	GW	3	X									
MIP-28-40		945				X									
MIP-28-20		1000				X									
MIP-42-60		1120				X									
MIP-42-45		1155				X									
MIP-42-25		1345				X									
MIP-54-55		1645				X									
MIP-54-40		1705				X									
MIP-54-25		1770				X									
MIP-13-70		1840				X									

Sampler(s): D Decembers

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D Decembers	5/14/03	12:45				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

00311 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: FT 02031
DaimlerChrysler PM: Tom Stamatis

Consultant: Foster Tech
Address: 4135 Technologic, Fairlawn, Stratsburgh, Ohio 53083
Consultant PM: Bob Stanton
Phone: 970-451-2407 Fax: 970-458-0550

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	VOCs									Remarks
MW 18-13-50	5/14/03	1400	G	GW	3	X									
MW 18-13-25	5/14/03	1415	G	GW	3	X									
MW 18-60-60	5/15/03	930				X									
MW 18-60-45		1015				X									
MW 18-60-25		1100				X									
MW 18-66-70		1200				X									
MW 18-66-55		1340				X									
MW 18-66-25		1415				X									
MW 18-77-50		1545				X									
MW 18-77-10		1615				X									

Sampler(s): D. Dorsaller

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
D. Dorsaller	5/16/03	1545				
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

2578 B

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

Project Name: Dayton Thermal
Site Location: [illegible]
Site Code:
RFA Number: ET 03030
DaimlerChrysler PM: Gary Stenzel

Consultant: Earth Tech
Address: [illegible] Technology [illegible]
[illegible] WI 53083
Consultant PM: [illegible]
Phone: 920-[illegible] Fax: 920-458-[illegible]

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	NO_3	NO_2	TOC	COD	COD Disc	SO_4	SO_3	Alkalinity	Hardness	Remarks
MIP-42-45	5/14/03	1455	G	GW	9	1	1	1	1	1	1	1	1	1	
Trip Blank					1										
Trip Blank					1										

Sampler(s): DD

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	5/14/03	1230				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: *Indicate the* unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: *Enter the time* of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms *relating to this shipment of samples.*

DAIMLERCHRYSLER

Chain-of-Custody

2579 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
Consultant PM: [illegible]
Phone: [illegible] Fax: [illegible]

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	8015B	[illegible]	[illegible]	[illegible]						Remarks
MIP-42-45	5/14/03	1155	G	GW	5	2	1	1	1						

Sampler(s) DD

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
[illegible]	5/14/03	1430				
Relinquished by:	**Date:**	**Time:**	**Received for Laboratory by:**	**Date:**	**Time:**	**Custody Seal Intact? Yes No**

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

00313 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanczak

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Sheboygan WI 53083
Consultant PM: Bob Stevison
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MIP-34-55	4/5/03	1315	G	GW	3	X									
MIP-34-40	↓	1345	↓	↓	↓	X									
MIP-34-15	↓	1415	↓	↓	↓	X									
MIP-40-35	↓	1830	↓	↓	↓	X									
MIP-40-25	↓	1900	↓	↓	↓	X									
Trip Blank					1										

Sampler(s) [signature]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[signature]	4/9/03	15:30				Yes No
Relinquished by:	**Date:**	**Time:**	**Received for Laboratory by:**	**Date:**	**Time:**	**Custody Seal Intact?**
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

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Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

2585 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: ET 03030
DaimlerChrysler PM: [illegible]

Consultant: [illegible] Tech
Address: [illegible]
[illegible] 53083
Consultant PM: [illegible]
Phone: 920-451-[illegible] Fax: 920-458-0550

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	8015 B	[illegible]	[illegible]	[illegible]						Remarks
MIP-34-40	6/5/03	1345	G	GW	5	2	1	1	1						
MIP-40-35	6/5/03	1830	G	GW	5	2	1	1	1						

Sampler(s) DD

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1830				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.

Revision No: 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

2586 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: ET 03050
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible] 02053
Consultant PM: [illegible]
Phone: [illegible] Fax: [illegible]

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	NO_3	NO_2	TOC	COD	COD Diss	SO_4	SO_3	[illegible]	[illegible]	Remarks
[illegible]-34-40	6/5/03	1345	G	GW	9	1	1	1	1	1	1	1	1	1	
[illegible]-40-35	6/5/03	1830	G	GW	9	1	1	1	1	1	1	1	1	1	

Sampler(s) DD

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	[illegible]				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

Revision No: 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

00567 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03030
DaimlerChrysler PM: Gary Stoneville

Consultant: Earth Tech
Address: 4135 Technology Drive
Sheboygan WI 53083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	NO_2	NO_3	TOC	COD	COD Dissolved	SO_4	SO_3	Alkalinity	T. Hardness	Remarks
MIP-26-35	6/17/03	1810	G	GW	9	1	1	1	1	1	1	1	1	1	
MIP-46-25	6/17/03	1855	G	GW	9	1	1	1	1	1	1	1	1	1	
TID & Temp Blank															

Sampler(s) DD LH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Decamber	6/17/03	2000				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

2583 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: ET 03030
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible] WI 53083
Consultant PM: [illegible]
Phone: 920-[illegible] Fax: [illegible]-458-0550

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	8015 B	Fe 2+	Mn Fe	Fe Dissolved						Remarks
[illegible]-43-35	[illegible]	1420	G	GW	5	2	1		1						
[illegible]-44-10	[illegible]	1000	G	GW	5	2	1		1						

Sampler(s) [illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1930				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

2582 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
Consultant PM: [illegible]
Phone: 920-451-4107 Fax: 920-458-[illegible]

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	NO3	SO4	TOC	CL	COD	[illegible]	[illegible]	[illegible]	[illegible]	Remarks
MW-45-35	4/15/03	1420	G	GW	9	1	1	1	1	1	1	1	1		
MW-44-40	4/15/03	1000	G	GW	9	1	1	1	1	1	1	1	1		
T-Blank-Trip															

Sampler(s): [illegible]

Cooler ID #:

Samples Relinquished under Airbill No.:

Temperature (corrected) C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
[illegible]	[illegible]	1930				
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? (Yes) No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

No. 00500 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Tunnel
Site Location: Dayton OH
Site Code:
RFA Number: FT 03030
DaimlerChrysler PM: Coco Stanczuk

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Stevens Point, WI 53083
Consultant PM: Rob Stanson
Phone: 920-451-2407 Fax: 920-458-0550

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

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

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

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	8015B	Fe 2+	Total Fe	Fe Dissolved					Remarks
MIP-26-35	6/17/03	1800	G	GW	5	2	1	1	1					
MIP-46-25	6/17/03	1855	G	GW	5	2	1	1	1					

Sampler(s): LH

Cooler ID #

Relinquished by: D. December — Date: 6/20/03 — Time: 1000

Samples Relinquished under Airbill No.

Received by: — Date: — Time:

Temperature (corrected) ___ C

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

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

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e. volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

00314 A

CompuChem
501 Madison Avenue
Cary, NC 27513
Phone Number: (919) 379-4100
Fax Number: (919) 379-4040

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET 03031
DaimlerChrysler PM: Gary Stanczuk

Consultant: Earth Tech
Address: 4735 Technology PKWY
Shelbyville, WI 53083
Consultant PM: Rob [illegible]
Phone: 920-451-4407 Fax: 920-456-[illegible]

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	VOCs									Remarks
MIP-33-35	6/11/03	940	G	GW	3	X									
MIP-33-25	↓	950	↓	↓	↓	X									
MIP-33-15	↓	1000	↓	↓	↓	X									
MIP-30-50	↓	1155	↓	↓	↓	X									
MIP-30-35	↓	1210	↓	↓	↓	X									
MIP-30-15	↓	1225	↓	↓	↓	X									
MIP-37-50	↓	1425	↓	↓	↓	X									
MIP-37-30	↓	1440	↓	↓	↓	X									
MIP-37-25	↓	1500	↓	↓	↓	X									
TripBlank + TempBlk					2	[illegible]									

Sampler(s) P. December

Cooler ID # 0332 9385-7

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Paul December	6/11/03	1555				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed each time the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

00565 A

~~CompuChem~~
~~501 Madison Avenue~~
~~Cary, NC 27513~~
~~Phone Number: (919) 379-4100~~
~~Fax Number: (919) 379-4040~~

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: Pending
DaimlerChrysler PM: Gary Starczuk

Consultant: Earth Tech
Address: 4135 Technology Pkwy
Sheboygan WI
Consultant PM: Zab Stenson
Phone: 920-458-8711 Fax:

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	SVOC	Diss. Metals	Pcb's Pesticides						Remarks
EW-01	7/11/03	1120	G	GW	8	3	2	1	2						- SVOC & Pcb
															samples in 2 500ml
															poly. Please use
															these as a composite

Sampler(s) DD

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D Dorenber	7/11/03	1630				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page _ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

2642 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
Consultant PM: [illegible]
Phone: [illegible] Fax:

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									Remarks
[illegible]-ET09 (S)	[illegible]	1650	G	GW	3										

Sampler(s) [illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	[illegible]				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles), or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e.; high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

2649 B

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

Project Name: Dayton Thermal
Site Location: [illegible]
Site Code: [illegible]
RFA Number: ET 03047
DaimlerChrysler PM: [illegible]

Consultant: Earth Tech
Address: 4135 Technology Pkwy
[illegible]
Consultant PM: [illegible]
Phone: 950-458-8711 Fax:

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	VOCs	Metals								Remarks
MW-ET03 (S)	7/14/03	1600	G	GW	3	x									
MW-ET03 (I)	7/14/03	1520			3	x									
MW-ET03 (D)	7/14/03	1435			3	x									
MW-ET05 (S)	7/15/03	1215			3	x									
MW-ET05 (I)	7/15/03	1125			3	x									
MW-ET05 (D)	7/15/03	1030			3	x									
MW-ET06	7/15/03	1350			4	x	x								
MW-ET06 (Dup)	7/15/03	1350			4	x	x								
MW-ET04 (D)	7/15/03	1510			3	x									
MW-ET04 (I)	7/15/03	1600			3	x									

Sampler(s): DD

Cooler ID # [illegible]

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	7/9/03	0855				Yes No

Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
D. Davenport	7/16/03	1600				Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

2653 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
Consultant PM: [illegible]
Phone: [illegible] Fax:

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	VOCs									Remarks
AS-In	[illegible]	1310	G	GW	3	X									
AS-Out	[illegible]	1345	G	GW	3	X									
TB01	[illegible]				1										[illegible]
TB02	[illegible]				1										[illegible]
[illegible]					1										

Sampler(s) [illegible]

Is RFA sampling complete? Yes No

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	[illegible]				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3802 **B**

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

Project Name: DCX-Da[illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible]
Consultant PM: [illegible]
Phone: [illegible] Fax:

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									Remarks
GPW-72-70	10/31/03	950	G	GW	3	X									
GPW-72-50	↓	1005	↓	↓	↓	X									
GPW-72-30	↓	1020	↓	↓	↓	X									
GPW-29-70	↓	1215	↓	↓	↓	X									
GPW-29-50	↓	1230	↓	↓	↓	X									
GPW-29-30	↓	1250	↓	↓	↓	X									
Trip Blank					4										

Sampler(s)
[illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	10/31/03	1330				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

3806 B

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

Project Name: Dix Dayton Thermal
Site Location: [illegible] OH
Site Code:
RFA Number: ET-[illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: 413 [illegible]
[illegible] WI [illegible]
Consultant PM: [illegible]
Phone: 1-920-151-2407 Fax:

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									Remarks
GPW-73-70	10/30/03	1400	G	SW	3	X									
GPW-73-50		1415				X									
GPW-73-30		1440				X									
GPW-27-70		1630				X									
GPW-27-50		1645				X									
GPW-27-30		1700				X									
GPW-71-70		1800				X									
GPW-71-50		1820				X									
GPW-71-30		1835				X									
GPW-27-30 [illegible]		1700				X									

Sampler(s) D. Decowber

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1330				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

Revision No. 3
Created: July 9, 1999

Page ___ of ___

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

3875 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible] 43083
Consultant PM: [illegible]
Phone: 920-451-[illegible] Fax: 920-458-0550

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	TOC	8015B	SO_3	NO_2	NO_3	COD	COD (Dissolved)	F 2+	T Hardness	Remarks
MW002-111903	[illegible]	1600	G	GW	10										
[illegible]-111903	↓	1615	↓	↓	↓										
PZ1[illegible]-111903	↓	1600	↓	↓	↓										
MW4002-111903	↓	1315	↓	↓	↓										
PZ16D-111903	↓	1250	↓	↓	↓										
PZ8D-111903	↓	855	↓	↓	↓										
PZ8[illegible]-111903	↓	847	↓	↓	↓										
[illegible]-111903	↓	845	↓	↓	↓										
[illegible]															

Sampler(s)
[illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1800				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3876 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: [illegible]
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible] WT. 43603
Consultant PM: [illegible]
Phone: 920-451-[illegible] Fax: 920-[illegible]

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	Mn Fe	SO_4	Alkalinity	Fe (Dissolved)						Remarks
[illegible]-111903	[illegible]	1600	G	GW	4										
[illegible]-111903		[illegible]													
2273I-111903		1600													
[illegible]-111903		135													
PZ16D-111903		1200													
PZ8D-111903		855													
PZ8V-111903		817													
MW8S-111903		845													

Sampler(s)
[illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1800				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3862 B

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

Project Name: Dix [illegible]
Site Location: [illegible] OH
Site Code:
RFA Number: FT 03076
DaimlerChrysler PM: [illegible]

Consultant: [illegible] Tech
Address: [illegible] Technology [illegible]
[illegible], WI 43083
Consultant PM: [illegible]
Phone: 920-[illegible]-2907 Fax: 920-468-[illegible]

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	TOC	8015B	SO_3	NO_2	NO_3	COD	COD	Fe 2+	T. Hard	Remarks
MW 09C - 111803	11/18/03	1020	G	GW	10	X	X	X	X	X	X	X	X	X	
PZ 29D - 111803	↓	1125	↓	↓	↓	X	X	X	X	X	X	X	X	X	
PZ 29I - 111803	↓	1025	↓	↓	↓	X	X	X	X	X	X	X	X	X	
MW 4006 - 111803	↓	1500	↓	↓	↓	X	X	X	X	X	X	X	X	X	
PZ 17I - 111803	↓	1500	↓	↓	↓	X	X	X	X	X	X	X	X	X	
PZ 12D - 111803	↓	1520	↓	↓	↓	X	X	X	X	X	X	X	X	X	
Trip Blank					1										

Sampler(s)
DD/KJ/DH

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Dassenbach	11/18/03	1730				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
						Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3861 B

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

Project Name: DCX-Daimler Transmission
Site Location: Dayton, OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Kurt Stanson

Consultant: Earth Tech
Address: 1125 Technology Parkway, Cullman, WI 53783
Consultant PM: Rob Stanson
Phone: (920) 451-2407 Fax: 920-458-2550

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	Mn Fe	SO4	Hardness	Fe (Dissolved)						Remarks
MW295-111803	11/18/03	1020	G	GW	4	X	X	X	X						
PZ29D-111803		1125				X	X	X	X						
PZ29I-111803		1025				X	X	X	X						
MWA006-111803		1500				X	X	X	X						
PZ12I-111803		1500				X	X	X	X						
PZ12D-111803		1520				X	X	X	X						

Sampler(s): [illegible]

Cooler ID #

Relinquished by: [illegible] Date: 11/18/03 Time: 1730

Relinquished by: Date: Time:

Samples Relinquished under Airbill No.

Received by: Date: Time: Custody Seal Intact? Yes No

Received for Laboratory by: Date: Time: Custody Seal Intact? Yes No

Temperature (corrected) ____ C

Is RFA sampling complete? Yes (No)

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

3854 B

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

Project Name: DCX - [illegible]
Site Location: [illegible] OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: [illegible]

Consultant: Earth Tech
Address: [illegible] Technology [illegible]
[illegible] WI 43083
Consultant PM: Zoe Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MW32S-111403	11/14/03	1705	G	GW	3	X									
TW14-111503	11/15/03	2940			3	X									
TW15-111503		1023			3	X									
TW15-111503-02		1023			3	X									
TW12-111503		1454			3	X									
PZ38D-111503		1515			3	X									
TW7-111503		1404			3	X									
MW38S-111503		1500			3	X									
MW38S-111503		1505			3	X									
PZ38I-111503		1545			3	X									

Sampler(s)
DD/DH/KZ/RF

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Dreamer	11/17/03	1830				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3858 B

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

Project Name: Dic-Dayton Plating C
Site Location: Dayton, OH
Site Code:
RFA Number: ET 02076
DaimlerChrysler PM: Tony Ramirez

Consultant: Earth Tech
Address: [illegible] Technology Park
Chanhassen WI 54383
Consultant PM: Pat Sexton
Phone: 420-481-[illegible] Fax: 720-458-[illegible]

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	VOCs								Remarks
MW34.5-111703	11/17/03	1425	G	GW	3	X								
PZ24I-111703	1	1520	1	1	1	X								
PZ24D-111703	1	1425	1	1	1	X								
TW14-111703	1	1445	1	1	1	X								
PZ04I-111703	1	0850	1	1	1	X								
MWET6-111703	1	1240	1	1	1	X								
MWC001-111703	1	1640	1	1	1	X								
MWB001-111703	✓	[illegible]	✓	✓	✓	X								
Trip Blank						3								

Sampler(s): TDPhillips

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

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

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

Revision No: 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3857 B

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

Project Name: Dix-Davison Tunnel
Site Location: Davison MI
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Gary Stamatoski

Consultant: Earth Tech
Address: 1133 Technology Park Dr
Lithonia GA 30058
Consultant PM: Rob Slawson
Phone: 678-455-2007 Fax: 678-455-0500

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	Un Fe	SO4	Alkalinity	Fe (Diss)						Remarks
MW34S-111703	11/17/03	1425	G	GW	4	X	X	X	X						
72 34I-111703	1	1420	1	1	1	X	X	X	X						
72 34D-111703	1	1475	1	1	1	X	X	X	X						
MW1(W)-111703	1	1640	1	1	1	X	X	X	X						
MW 3001-111703	↓	1705	↓	↓	↓	X	X	X	X						

Sampler(s)
DD/KZ/SH

Is RFA sampling complete?
Yes (No)

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
D Beckwith	11/17/03	1830				
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

Revision No. 3
Created: July 9, 1999

Page ___ of ___

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3859 B

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

Project Name: [illegible]
Site Location: Dayton OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Gary Stancik

Consultant: [illegible] Tech
Address: [illegible] Technology Pkwy
[illegible] WI 43083
Consultant PM: [illegible]
Phone: 920-451-[illegible] Fax: 920-458-0550

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	TOC	8015B	SO_3	NO_2	NO_3	COD	COD	Fe 2+	T Hard	Remarks
MW 34S-111703	11/17/03	1425	G	GW	10	X	X	X	X	X	X	X	X	X	
PZ 34I-111703	↓	1530	↓	↓	↓	X	X	X	X	X	X	X	X	X	
PZ 34D-111703	↓	1425	↓	↓	↓	X	X	X	X	X	X	X	X	X	
MW C001-111703	↓	1640	↓	↓	↓	X	X	X	X	X	X	X	X	X	
MW B001-111703	↓	1705	↓	↓	↓	X	X	X	X	X	X	X	X	X	

Sampler(s)
[illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ____ C.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1830				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

Revision No. 3
Created: July 9, 1999

Page ____ of ____

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3855 B

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

Project Name: Dex - [illegible]
Site Location: [illegible] OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: [illegible]
[illegible] 43083
Consultant PM: [illegible]
Phone: 970-[illegible] Fax: 970-458-[illegible]

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									Remarks
MW35S-111503	11/15/03	1635	G	GW	3	X									
PZ35D-111503	↓	1640	↓	↓	↓	X									
PZ35I-111503	↓	1705	↓	↓	↓	X									
PZ30D-111603	11/16/03	0855	↓	↓	↓	X									
PZ20I-111603	↓	0855	↓	↓	↓	X									
MW20S-111603	↓	0835	↓	↓	↓	X									
MW20S-111603	↓	1050	↓	↓	↓	X									
PZ36D-111603	↓	1040	↓	↓	↓	X									
PZ36I-111603	↓	1125	↓	↓	↓	X									
PZ[illegible]I-111603	↓	1310	↓	↓	↓	X									

Sampler(s)

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ____ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	11/17/03	1430				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3856 B

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

Project Name: Dix-Paxton Thermal P
Site Location: [illegible] OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: [illegible]

Consultant: Earth Tech
Address: [illegible] Technology Pkwy
Stuberman, OH 43083
Consultant PM: [illegible]
Phone: 970-451-2407 Fax: 970-458-0570

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	VOCs								Remarks
PZ17D-111602	11/16/03	1320	G	Gw	3									
MW30S-111603		1425												
MW 4001-111603		1410												
MW19S-111602		1515												
~~[illegible]~~														
MW7S-111703	11/17/03	1050												
PZ7I-111703		1050												
MW15S-111703		0950												
PZ15I-111703		0945												
MW403-111703		1250												

Sampler(s)
[illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Decourter	11/19/03	1830				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3852 B

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

Project Name: DCX - [illegible] Dealership
Site Location: Austin [illegible]
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Gary [illegible]

Consultant: [illegible] Envirotech
Address: [illegible]
Consultant PM: [illegible]
Phone: [illegible] Fax: [illegible]

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	VOCs								Remarks
W31S-111403	11/14/03	1150	G	GW	3	X								
W31S-111403-02		1155				X								
77 31D-111403		1155				X								
77 31I-111403		1225				X								
W26S-111403		0900				X								
77 26D-111403		0835				X								
77 26I-111403		0835				X								
W40S-111403		0940				X								
77 40D-111403		1020				X								
77 40I-111403	↓	0945	↓	↓	4	X								

Sampler(s): [illegible]

Cooler ID #:

Samples Relinquished under Airbill No.:

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
D. Dreaulan	11/17/03	1830				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

3853 B

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

Project Name: Dex - Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET 03026
DaimlerChrysler PM: Gary Hartzell

Consultant: Earth Tech
Address: [illegible]
Consultant PM: Zeb Gleason
Phone: 970-471-2407 Fax: 970-458-0550

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	8260									Remarks
SW285-111403	11/14/03	1150	G	SW	3	X									
RZ28D-111403		1130			3	X									
RZ28I-111403		1125			3	X									
TW16-111403		1020			3	X									
TW9-111403		920			9	X									
TW10-111403		855			3	X									
TW24-111403		1310			3	X									
TW11-111403		1422			3	X									
RZ32D-111403		1625			3	X									
RZ32I-111403		1625			3	X									

Sampler(s): [illegible]

Cooler ID #:

Samples Relinquished under Airbill No.:

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? Yes No
D. Decker	11/14/03	1230				
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3873 B

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

Project Name: Dex - Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Bruce Stancoski

Consultant: Eastern Tech
Address: 4175 Technology Pkwy
Gahanna, OH 43083
Consultant PM: [illegible]
Phone: 920-451-7407 Fax: 920-458-0550

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								Remarks
PZ 8D-111903	11/19/03	855	G	GW	3	X								
PZ 16D-111903		1250				X								
MWH 002-111903		1315				X								
MWC002-111903		1600				X								
MWH 005-111903		1615				X								
PZ 13I-111903		1600				X								
PZ 021I-112003	11/20/03	1030	G	GW	3	X								
MWB004-112003	11/20/03	1105	G	GW	3	X								
MWB004-112003-02	11/20/03	1110	G	GW	3	X								

Sampler(s) TO/DA/BEAZ

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C.

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	[illegible]				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

Revision No. 3
Created: July 9, 1999

Page 1 of 1

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER — Chain-of-Custody

3860 B

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

Project Name: DCX - Denton Thermal
Site Location: Denton, OH
Site Code:
RFA Number: FT 03076
DaimlerChrysler PM: Gary Stanczak

Consultant: Earth Tech
Address: 4525 Fairbanks Ave, Ste 1
Kalamazoo, MI 49083
Consultant PM: Rob Slocum
Phone: 920-451-2917 Fax: 920-458-0550

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

VOC

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	Remarks
PZ10I-111803	11/18/03	907	G	GW	3	
MW10S-111803		910			3	
PZ12D-111803		1520			3	
PZ12I-111803		1500			3	
MW4006-111803		1500			3	
PZ29I-111803		1025			3	
PZ29D-111803		1125			3	
MW29S-111803		1070			3	
MWET03-111503		1145			3	
MWET30-111503		1205			2	

Sampler(s)

Is RFA sampling complete? Yes No

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ____ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact? 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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

3874 B

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

Project Name: [illegible]
Site Location: [illegible]
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: [illegible]

Consultant: [illegible]
Address: 4135 [illegible] PKWY
[illegible] 43083
Consultant PM: [illegible]
Phone: 920-[illegible] Fax: 920-458-0550

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									Remarks
PZ022I-111903	11/19/03	1425	G	GW	3	X									
PZ022I-111903-02		1435			3	X									
MW ET2S-111903		1455			3	X									
MW ET2I-111903		1230			3	X									
MW ET2D-111903		1325			3	X									
MW ET1S-111903		1540			3	X									
MW ET1I-111903		1620			3	X									
MW ET1D-111903		1645			3	X									
MW 8S-111903		845			3	X									
PZ8I-111903		847			3	X									

Sampler(s)
[illegible]

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	[illegible]				Yes No

Is RFA sampling complete?	Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
Yes No							Yes No

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

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

DAIMLERCHRYSLER

Chain-of-Custody

3863 B

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

Project Name: DCX-Dayton Thermal
Site Location: Dayton OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Gary Stanczak

Consultant: Fenton Tech
Address: 4435 Technology Pkwy
Stevens Point WI 43083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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	VOCs									Remarks
MWET3D-111803	11/18/03	1435	G	GW	8	X									
MW10S-111803-02	11/18/03	910			3	X									
MWC003-111903	11/19/03	1015			3	X									
MWC003-111903-02		1020			3	X									
MW11S-111903		1500			3	X									
MWB003-111903		1010			3	X									
PZ9D-111903		1130			3	X									
MWB005-111903		1130			3	X									
MWA004-111903		1130			3	X									
MWB006-111903		1240			3	X									

Sampler(s)

Cooler ID #

Samples Relinquished under Airbill No.

Temperature (corrected) ___ C

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[illegible]	[illegible]	1700				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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.

Site Location: City and state of project.

Site Code: Specified DaimlerChrysler site code relating to this project.

RFA Number: Specified RFA number under which these samples were collected and analyzed.

DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.

Consultant: Name of primary consulting organization.

Address: Name of organization and address.

Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.

Phone #: Phone number of the project manager.

Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.

Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.

Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ____: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

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

DAIMLERCHRYSLER CORPORATION
BOTTLE REQUEST AND SHIPMENT FORM

0736 B

PARAMETER	NO. OF BOTTLES NEEDED FOR TEST	NO. OF BOTTLES SENT	CHEMICAL PRESERVATIVE	PRESERVATIVE LOT NO.	BOTTLE TYPE	BOTTLE LOT NO.
Volatiles (H2O)	3	5	HCl	H613N36A1	Vials (40 ml)	3233010
Semivolatiles (H2O)	2*		None	N/A	Amber Liter	
PCBs (H2O)	2*		None	N/A	Amber Liter	
Metals (H2O)	1		HNO3		Plastic Liter	
Cyanide (H2O)	1		NaOH/ascorbic acid		Plastic Liter	
TPH- 418.1 (H2O)	2*		HCl		Amber Liter	
TPH-GRO (H2O)	3		HCl		Vials (40 ml)	
TPH-DRO (H2O)	2*		HCl		Amber Liter	
Volatiles (Soil)	1	3	None	N/A	125ml Glass Jar	002663
Volatiles (Soil - Low Level)	3		None	N/A	5 g Encore Samplers	
Volatiles (Soil - High Level)	1		None	N/A	5 g Encore Samplers	
TPH-GRO (Soil)	2		None	N/A	5 g Encore Samplers	
Semivolatiles/PCBs/418.1/ DRO/Metals/Moisture (Soil)	1		None	N/A	500ml Glass Jar	
moistures	1	3	None	N/A	4.5oz plastic cup	316402128
DI Water	N/A		N/A	N/A	Amber Liter	
Trip Blank	2	4	HCl	H613N36A1	Vials (40 ml)	3233010
Temperature Blank	N/A	1 per cooler	N/A	N/A	N/A	N/A

Project Name: Dayton thermal
RFA Number: ET03073
Ship To Address:
FedEx World Service Center
Airport Area
3605 Concorde Rd.
Vandalia, OH 45377

Customer Service Rep: Kathy Klinefelter Date: 10/28/03
pH strips? Yes / No Labels? Yes / No
DaimlerChrysler COCs? Yes / No Custody seals? Yes / No
Site-specific MS/MSD ? Yes / No
Cooler No(s): C07753
Packed by: [signature] Date: 10/28/03
Shipped by: [signature] Date: 10/28/03

THIS SECTION COMPLETED BY ENGINEERING FIRM:
Recipient's Signature: [signature] Was all glassware received? Yes / No Received in good condition? Yes / No
Date Received: 10/30/03 Explain:

Sampling Notes:
* - Two one-liter bottles are recommended for collection of semivolatiles, PCBs and TPH-DRO to allow for sample reextraction. However, if well volumes do not permit collection of this volume for each parameter, a minimum of 1 liter is required for each parameter.

IF SITE-SPECIFIC MS/MSD REQUESTED IN RFA: Additional bottles have been provided to permit collection of adequate volumes for SITE-SPECIFIC MS/MSD analyses for each analytical parameter. MS/MSD samples should be collected for each parameter and matrix at a rate of 1 in 20 samples or per sampling event if less than 20 samples are collected.

Additional Comments: Soil & Moistures to be turned in at later date.

Please return all unused glassware and coolers when sampling is complete. Please return this form with final sample shipment.

White copy - original - return to lab Yellow copy - retained by field Pink copy - retained by shipper
Revision 1 / July 9, 1999

Acct 10160 # 4163833-47 #874751

DAIMLERCHRYSLER — Chain-of-Custody

3844 B

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

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET03076
DaimlerChrysler PM: Gary Stanczuk

Consultant: Earth Tech
Address: 4135 Technology Parkway
Sheboygan, WI 53083
Consultant PM Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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

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

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

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC (8260)	Mn Fe	Diss. Fe	Total Hardness	SO4	Alkalinity	TOC	Gases (8015B)	SO3	Remarks
MW-B002-111203	11/12/03	1200	G	GW	17	x	x	x	x	x	x	x	x	x	
MW-185-111203		1145			17	x	x	x	x	x	x	x	x	x	
MW375-111203		1540			17	x	x	x	x	x	x	x	x	x	
PZ37I-111203		1545			17	x	x	x	x	x	x	x	x	x	
PZ37D-111203		1630			17	x	x	x	x	x	x	x	x	x	
TW22-111203		1140			3	x									
TW21-111203		1255			3	x									
TW2-111203		1545			3	x									
TW20-111203		1645			3	x									
Trip Blank	11/6/03	—	—	—	2	x									

Sampler(s): B. Earl & D. December

Cooler ID # C07840, C07843

Samples Relinquished under Airbill No. 842249102548

Temperature (corrected) 5.5°-4.5

Relinquished by: [signature] Date: 11/12/03 Time: 1830

Received by: Date: Time: Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

Relinquished by: Date: Time:

Received for Laboratory by: Kathy Binkley Date: 11-13-03 Time: 0920

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

EPA Region 5 Records Ctr.
349926

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format. **Note:** The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of __: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

Acct 101160 4163833-47 #874751

DAIMLERCHRYSLER — Chain-of-Custody

3845 B

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

Project Name: Dayton Thermal
Site Location: Dayton, OH
Site Code:
RFA Number: ET 03076
DaimlerChrysler PM: Gary Stanczuk

Consultant: Earth Tech
Address: 4135 Technology Parkway, Sheboygan, WI 53083
Consultant PM: Rob Stenson
Phone: 920-451-2407 Fax: 920-458-0550

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

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

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

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	NO_2	NO_3	COD	Diss. C.O.D.	Fe^{2+}					Remarks
MWB002-111203	11/12/03	1200	G	GW	17	X	X	X	X	X					
MW-185-111203		1145			17	X	X	X	X	X					
MW375-111203		1540			17	X	X	X	X	X					
PZ37I-111203		1545			17	X	X	X	X	X					
PZ37D-111203		1630			17	X	X	X	X	X					
TW22-111203		1140			3										
TW21-111203		1255			3										
TW2-111203		1545			3										
TW20-111203		1645			3										
Trip Blank	11/6/03	—	—	—	2										

Sampler(s)

Cooler ID # C07840, C07843

Samples Relinquished under Airbill No. 842249102548

Temperature (corrected) 5.5°C & 4.5°

Relinquished by: [signature] Date: 11/12/03 Time: 1830

Received by: Date: Time:

Custody Seal Intact? Yes No

Is RFA sampling complete? Yes No

Relinquished by: Date: Time:

Received for Laboratory by: Kathy Binkley Date: 11-13-03 Time: 0920

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

Revision No. 3
Created: July 9, 1999

DIRECTIONS FOR COMPLETING THE DAIMLERCHRYSLER CORPORATION CHAIN-OF-CUSTODY

Project Name: Site or project name from where samples are collected.
Site Location: City and state of project.
Site Code: Specified DaimlerChrysler site code relating to this project.
RFA Number: Specified RFA number under which these samples were collected and analyzed.
DaimlerChrysler PM: The name of the project manager responsible for work performed on this site.
Consultant: Name of primary consulting organization.
Address: Name of organization and address.
Consultant PM: The name of consultant's project manager who is to receive the analytical results/data packages.
Phone #: Phone number of the project manager.
Fax #: Facsimile number of the project manager.

Turn-around Time: Circle the TAT required for the samples.
Data Deliverables: Circle the data deliverable level required.

Sample Identification: Indicate the unique sample identification to appear on the analytical report. If collection of site-specific MS/MSD is required these samples must be specified by the sampler.

Date Collected: Enter the date of sample collection in (mm/dd/yy) format.

Time Collected: Enter the time of sample collection in military hour format.
Note: The date and time of collection for trip blanks should be entered as the date and time that the first volatile investigatory sample was collected and placed in the sample cooler.

Grab (G) or Composite (C): Enter a "G" for grab if the sample was taken from a discrete location or depth. Enter a "C" if the sample was taken from multiple locations or depths and homogenized prior to sampling.

Matrix Code: Enter the type of sample submitted using the matrix codes listed on the front of the Chain-of-Custody.

Number of Containers: Indicate the total number of containers submitted for each sampling point.

Compound List/Parameter and Analytical Method Requested: Enter the list of compounds requested (i.e., volatiles) or parameter, the analytical method by which the sample is to be analyzed, the bottle type, and preservative used (if any).

Remarks: List special instructions about the samples (i.e., high levels of analytes, hazardous elements expected, etc.).

Sampler(s): Print the name(s) of the person(s) who collected the samples.

Cooler ID#: List the cooler number which contains the samples listed on the COC.

Airbill No.: Enter the airbill number under which the samples are submitted to the laboratory.

Relinquished by/Received by: The Chain-of-Custody must be signed <u>each</u> <u>time</u> the sample changes hands. Since custody seals will be placed on the outside of the cooler, the carrier's airbill will serve as documentation of custody and will not require a signature from the carrier on the Chain-of-Custody.

Cooler Temperature (LAB USE ONLY): The laboratory is required to measure the internal temperature of the sample cooler upon receipt by use of a temperature blank submitted with each cooler. The true temperature (inclusive of any calibration correction factors) is reported in degrees Celsius.

Custody Seals Intact: Field personnel are required to place custody seals on all coolers prior to sample shipment. The laboratory is required to verify the integrity of the samples upon laboratory receipt. Personnel should circle the appropriate response.

Page __ of ___: Specify the number and total number of Chain-of-Custody forms relating to this shipment of samples.

Analysis Report

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

248-576-5741

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 874751. Samples arrived at the laboratory on Thursday, November 13, 2003. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
MW-B002-111203 Grab Groundwater Sample	4163833
MW-B002-111203 Filtered Grab Groundwater Sample	4163834
MW-18S-111203 Grab Groundwater Sample	4163835
MW-18S-111203 Filtered Grab Groundwater Sample	4163836
MW-37S-111203 Grab Groundwater Sample	4163837
MW-37S-111203 Filtered Grab Groundwater Sample	4163838
PZ37I-111203 Grab Groundwater Sample	4163839
PZ37I-111203 Filtered Grab Groundwater Sample	4163840
PZ37D-111203 Grab Groundwater Sample	4163841
PZ37D-111203 Filtered Grab Groundwater Sample	4163842
TW22-111203 Grab Groundwater Sample	4163843
TW21-111203 Grab Groundwater Sample	4163844
TW2-111203 Grab Groundwater Sample	4163845
TW20-111203 Grab Groundwater Sample	4163846
Trip_Blank Water Sample	4163847

1 COPY TO	Earth Tech	Attn: Ms. Lisa Smith
1 COPY TO	Earth Tech	Attn: Mr. Rob Stenson

Lancaster Laboratories

Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Janifer E. Hess
Group Leader

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

MEMBER ACIL

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163833

MW-B002-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

B0002 SDG#: DCN77-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	3.13		0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.060	J	0.045	mg/l	1
07058	Manganese	7439-96-5	0.102		0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.		0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	425.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	463.		2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.		1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.						
00273	Total Organic Carbon	n.a.	1.6	J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	104.		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	13.9	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	3.1		0.040	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	3.	J	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163833

MW-B002-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

B0002 SDG#: DCN77-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 14:44	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:48	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 14:44	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163833

MW-B002-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

B0002 SDG#: DCN77-01

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:10	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:47	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:32	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/14/2003 23:35	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 20:09	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 20:09	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163834

MW-B002-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

BF002 SDG#: DCN77-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	2.92		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 14:50	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163835

MW-18S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18S-- SDG#: DCN77-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
02268	Ferric Iron	n.a.	N.D.		0.045	mg/l	1
07058	Manganese	7439-96-5	0.0222		0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.		0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	355.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	427.		2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.97		0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.		1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.						
00273	Total Organic Carbon	n.a.	2.2		0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	39.5		1.5	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	N.D.		0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	44.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	11.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	32.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	4.	J	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	8.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	93.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	240.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163835

MW-18S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18S-- SDG#: DCN77-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	71.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	51.		1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	500.		4.	ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	8.	J	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 14:55	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:52	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 14:55	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163835

MW-18S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18S-- SDG#: DCN77-03

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:11	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:46	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:40	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/14/2003 23:46	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 21:01	Scott M Evans	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 02:15	Scott M Evans	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 21:01	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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TNTC	Too Numerous To Count	**MPN**	Most Probable Number
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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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P	Concentration difference between primary and confirmation columns >25%
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X,Y,Z	Defined in case narrative

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163836

MW-18S-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18SF- SDG#: DCN77-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	20.8	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:00	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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

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m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163837

MW-37S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SXX SDG#: DCN77-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	9.35	0.0453	mg/l	1
02268	Ferric Iron	n.a.	5.8	0.045	mg/l	1
07058	Manganese	7439-96-5	0.0780	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	370.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	506.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.18	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.6 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	88.5	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	16.2 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	3.5	0.040	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1

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37SXX SDG#: DCN77-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	42.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:05	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:55	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 15:05	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163837

MW-37S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SXX SDG#: DCN77-05

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:12	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:49	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:48	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/14/2003 23:57	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 21:27	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 21:27	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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TNTC	Too Numerous To Count	**MPN**	Most Probable Number
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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163838

MW-37S-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SFI SDG#: DCN77-06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	3.15		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	25.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:20	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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2425 New Holland Pike • Lancaster, PA 17601

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163839

PZ37I-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

PZ37I SDG#: DCN77-07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	1.45		0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.76		0.045	mg/l	1
07058	Manganese	7439-96-5	0.524		0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.		0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	364.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	527.		2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.38		0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.		1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.						
00273	Total Organic Carbon	n.a.	1.8	J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	102.		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	18.5	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.69		0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		1.	ug/l	2.5
05385	Chloromethane	74-87-3	N.D.		3.	ug/l	2.5
05386	Vinyl Chloride	75-01-4	N.D.		3.	ug/l	2.5
05387	Bromomethane	74-83-9	N.D.		3.	ug/l	2.5
05388	Chloroethane	75-00-3	N.D.		3.	ug/l	2.5
05390	1,1-Dichloroethene	75-35-4	3.	J	2.	ug/l	2.5
05391	Methylene Chloride	75-09-2	N.D.		5.	ug/l	2.5
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		2.	ug/l	2.5
05393	1,1-Dichloroethane	75-34-3	7.	J	3.	ug/l	2.5
05395	cis-1,2-Dichloroethene	156-59-2	10.	J	2.	ug/l	2.5
05396	Chloroform	67-66-3	N.D.		2.	ug/l	2.5

Lancaster Laboratories
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PO Box 537933
Livonia MI 48153-7933

PZ37I SDG#: DCN77-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	21.	2.	ug/l	2.5
05399	Carbon Tetrachloride	56-23-5	N.D.	3.	ug/l	2.5
05401	Benzene	71-43-2	N.D.	1.	ug/l	2.5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	2.5
05403	Trichloroethene\	79-01-6	3,100.	25.	ug/l	25
05404	1,2-Dichloropropane	78-87-5	N.D.	3.	ug/l	2.5
05406	Bromodichloromethane	75-27-4	N.D.	3.	ug/l	2.5
05407	Toluene	108-88-3	N.D.	2.	ug/l	2.5
05408	1,1,2-Trichloroethane	79-00-5	N.D.	2.	ug/l	2.5
05409	Tetrachloroethene	127-18-4	N.D.	2.	ug/l	2.5
05411	Dibromochloromethane	124-48-1	N.D.	3.	ug/l	2.5
05413	Chlorobenzene	108-90-7	N.D.	2.	ug/l	2.5
05415	Ethylbenzene	100-41-4	N.D.	2.	ug/l	2.5
05418	Styrene	100-42-5	N.D.	3.	ug/l	2.5
05419	Bromoform	75-25-2	N.D.	3.	ug/l	2.5
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	3.	ug/l	2.5
06302	Acetone	67-64-1	N.D.	15.	ug/l	2.5
06303	Carbon Disulfide	75-15-0	N.D.	3.	ug/l	2.5
06305	2-Butanone	78-93-3	N.D.	8.	ug/l	2.5
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	3.	ug/l	2.5
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	3.	ug/l	2.5
06308	4-Methyl-2-pentanone	108-10-1	N.D.	8.	ug/l	2.5
06309	2-Hexanone	591-78-6	N.D.	8.	ug/l	2.5
06310	Xylene (Total)	1330-20-7	N.D.	2.	ug/l	2.5

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to the level of trichloroethene, the reporting limit(s) for all GC/MS volatile compounds were raised.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:25	Jayme E Curet	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163839

PZ37I-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

PZ37I SDG#: DCN77-07

02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:59	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 15:25	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:14	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 21:41	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:56	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/15/2003 00:08	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 21:53	Scott M Evans	2.5
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 22:20	Scott M Evans	25
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 21:53	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

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ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163840

PZ37I-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

PZ37F SDG#: DCN77-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.566		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	18.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:30	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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m3	cubic meter(s)	**ul**	microliter(s)

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Inorganic Qualifiers

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163841

PZ37D-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:30 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37D-- SDG#: DCN77-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	51.2	0.0453	mg/l	1
02268	Ferric Iron	n.a.	45.8	0.080	mg/l	1
07058	Manganese	7439-96-5	0.205	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	383.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	556.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.6 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	96.5	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	34.8 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	5.4	0.080	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1

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PO Box 537933
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37D-- SDG#: DCN77-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	7.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:35	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 12:02	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 15:35	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163841

PZ37D-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:30 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37D-- SDG#: DCN77-09

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:15	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:56	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 11:04	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	10
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/15/2003 00:18	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 22:46	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 22:46	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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ppb parts per billion

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P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
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N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163842

PZ37D-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:30 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37DF- SDG#: DCN77-10

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	4.01		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:40	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. *For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.*

ppb parts per billion

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Organic Qualifiers

A	TIC is a possible aldol-condensation product
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C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
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X,Y,Z	Defined in case narrative

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163843

TW22-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T22-- SDG#: DCN77-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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Lancaster Laboratories

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TW22-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T22-- SDG#: DCN77-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 23:12	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 23:12	Scott M Evans	n.a.

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ppb parts per billion

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163844

TW21-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:55 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T21-- SDG#: DCN77-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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A	TIC is a possible aldol-condensation product
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C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163844

TW21-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:55 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T21-- SDG#: DCN77-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 23:38	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 23:38	Scott M Evans	n.a.

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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163845

TW2-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW2-- SDG#: DCN77-13

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	4.	J	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	23.		0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163845

TW2-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW2-- SDG#: DCN77-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 00:04	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 00:04	Scott M Evans	n.a.

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PO Box 12425
Lancaster, PA 17605-2425
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ppb parts per billion

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C	Pesticide result confirmed by GC/MS
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163846

TW20-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW20- SDG#: DCN77-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163846

TW20-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW20- SDG#: DCN77-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 00:30	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 00:30	Scott M Evans	n.a.

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2425 New Holland Pike • Lancaster, PA 17601

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B	Value is <CRDL, but ≥IDL
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N	Spike sample not within control limits
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163847

Trip_Blank Water Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/06/2003 00:00

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

DCTB- SDG#: DCN77-15TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l.	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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

Lancaster Laboratories
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Lancaster Laboratories

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Dayton Thermal/Dayton, OH
Collected:11/06/2003 00:00

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

DCTB- SDG#: DCN77-15TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 00:57	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 00:57	Scott M Evans	n.a.

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 11/25/03 at 05:28 PM

Group Number: 874751

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03317011112A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Total Organic Carbon	N.D.	0.50	mg/l	91		89-115		
Batch number: 03317105102A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Nitrite Nitrogen	N.D.	0.015	mg/l	104		89-110		
Batch number: 033180014A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Ethane	N.D.	1.0	ug/l	90		80-120		
Ethene	N.D.	1.0	ug/l	90		80-120		
Batch number: 03318022901A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Sulfite	N.D.	1.2	mg/l	77		68-103		
Batch number: 03318106102A	Sample number(s): 4163833,4163835,4163837							
Nitrate Nitrogen	N.D.	0.040	mg/l	99		89-110		
Batch number: 03318106102B	Sample number(s): 4163841							
Nitrate Nitrogen	N.D.	0.040	mg/l	99		89-110		
Batch number: 03318106103A	Sample number(s): 4163839							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 03318834401A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Ferrous Iron	N.D.	0.0080	mg/l	104		92-105		
Batch number: 03320020202A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Alkalinity to pH 4.5				101		98-103		
Batch number: 03321112501A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Sulfate (turbidimetric)	N.D.	1.5	mg/l	95		90-110		
Batch number: 03322021601A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Total Hardness	N.D.	0.49	mg/l as Ca	102		98-107		
Batch number: 03322400101A	Sample number(s): 4163833-4163842							
Chemical Oxygen Demand				100		95-107		
Batch number: 033241848005	Sample number(s): 4163833-4163842							
Iron	N.D.	0.0453	mg/l	104		91-114		
Manganese	N.D.	0.00051	mg/l	100		93-110		
Batch number: N033231AB	Sample number(s): 4163833,4163835,4163837,4163839,4163841,4163843-4163847							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95	93	77-127	2	30
Chloromethane	N.D.	1.	ug/l	99	98	69-136	1	30
Vinyl Chloride	N.D.	1.	ug/l	95	100	71-129	5	30
Bromomethane	N.D.	1.	ug/l	96	97	46-138	1	30

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

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	mitliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 11/25/03 at 05:28 PM

Group Number: 874751

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chloroethane	N.D.	1.	ug/l	95	94	59-133	0	30
1,1-Dichloroethene	N.D.	0.8	ug/l	116	112	79-130	4	30
Methylene Chloride	N.D.	2.	ug/l	112	111	80-128	2	30
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	109	110	81-124	1	30
1,1-Dichloroethane	N.D.	1.	ug/l	106	103	83-127	3	30
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	107	104	84-117	3	30
Chloroform	N.D.	0.8	ug/l	106	104	86-124	2	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	103	102	83-127	1	30
Carbon Tetrachloride	N.D.	1.	ug/l	99	99	77-130	1	30
Benzene	N.D.	0.5	ug/l	106	103	85-117	3	30
1,2-Dichloroethane	N.D.	1.	ug/l	102	98	77-132	4	30
Trichloroethene	N.D.	1.	ug/l	104	101	87-117	3	30
1,2-Dichloropropane	N.D.	1.	ug/l	99	100	80-117	1	30
Bromodichloromethane	N.D.	1.	ug/l	102	99	83-121	3	30
Toluene	N.D.	0.7	ug/l	95	90	85-115	5	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	101	95	86-113	6	30
Tetrachloroethene	N.D.	0.8	ug/l	102	99	82-126	3	30
Dibromochloromethane	N.D.	1.	ug/l	93	90	78-119	3	30
Chlorobenzene	N.D.	0.8	ug/l	96	94	85-115	2	30
Ethylbenzene	N.D.	0.8	ug/l	87	86	82-119	1	30
Styrene	N.D.	1.	ug/l	88	86	84-117	3	30
Bromoform	N.D.	1.	ug/l	88	86	63-122	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	87	85	72-119	1	30
Acetone	N.D.	6.	ug/l	84	84	22-179	1	30
Carbon Disulfide	N.D.	1.	ug/l	117	114	80-139	2	30
2-Butanone	N.D.	3.	ug/l	90	90	45-154	0	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	87	84	79-114	3	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	93	89	78-114	4	30
4-Methyl-2-pentanone	N.D.	3.	ug/l	88	86	65-125	2	30
2-Hexanone	N.D.	3.	ug/l	84	81	49-141	4	30
Xylene (Total)	N.D.	0.8	ug/l	93	90	84-120	4	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03317011112A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Total Organic Carbon	95		63-136			1.6 J	1.5 J	10* (1)	3
Batch number: 03317105102A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Nitrite Nitrogen	91		90-110			N.D.	N.D.	0 (1)	20
Batch number: 033180014A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Ethane	97	102	71-128	5	20				

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Quality Control Summary

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Reported: 11/25/03 at 05:28 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethene	97	103	68-142	7	20				
Batch number: 03318022901A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Sulfite	41	37	29-104	10	20	N.D.	N.D.	200* (1)	20
Batch number: 03318106102A	Sample number(s): 4163833,4163835,4163837								
Nitrate Nitrogen	103		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03318106102B	Sample number(s): 4163841								
Nitrate Nitrogen	100		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03318106103A	Sample number(s): 4163839								
Nitrate Nitrogen	103		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03318834401A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Ferrous Iron	100	97	76-119	1	5	5.4	5.3	3	20
Batch number: 03320020202A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	82	81	64-130	0	2	355.	353.	1	4
Batch number: 03321112501A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Sulfate (turbidimetric)	95	95	69-124	0	4	127.	128.	1	4
Batch number: 03322021601A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Total Hardness	99	100	93-115	0	2	516.	521.	1	4
Batch number: 03322400101A	Sample number(s): 4163833-4163842								
Chemical Oxygen Demand	91	92	90-110	1	2	25.5 J	16.2 J	45* (1)	4
Batch number: 033241848005	Sample number(s): 4163833-4163842								
Iron	(2)	(2)	75-125	5	20	116.	119.	3	20
Manganese	100	99	85-111	1	20	0.668	0.676	1	20
Batch number: N033231AB	Sample number(s): 4163833,4163835,4163837,4163839,4163841,4163843-4163847								
Methyl Tertiary Butyl Ether	102		69-134						
Chloromethane	118		70-148						
Vinyl Chloride	117		64-148						
Bromomethane	110		52-140						
Chloroethane	113		63-142						
1,1-Dichloroethene	130		78-146						
Methylene Chloride	115		79-133						
trans-1,2-Dichloroethene	120		82-133						
1,1-Dichloroethane	122		85-135						
cis-1,2-Dichloroethene	115		83-126						
Chloroform	114		82-131						
1,1,1-Trichloroethane	117		82-135						

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Group Number: 874751

Sample Matrix Quality Control

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Carbon Tetrachloride	114		73-144						
Benzene	118		83-128						
1,2-Dichloroethane	110		73-136						
Trichloroethene	112		75-135						
1,2-Dichloropropane	110		81-121						
Bromodichloromethane	105		83-121						
Toluene	104		83-127						
1,1,2-Trichloroethane	102		77-125						
Tetrachloroethene	101		75-143						
Dibromochloromethane	91		73-119						
Chlorobenzene	102		83-120						
Ethylbenzene	99		82-129						
Styrene	92		72-133						
Bromoform	85		64-119						
1,1,2,2-Tetrachloroethane	93		69-121						
Acetone	66		16-147						
Carbon Disulfide	137		77-155						
2-Butanone	85		42-140						
trans-1,3-Dichloropropene	90		75-117						
cis-1,3-Dichloropropene	97		76-117						
4-Methyl-2-pentanone	95		61-126						
2-Hexanone	82		48-133						
Xylene (Total)	99		82-130						

Surrogate Quality Control

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 033180014A

	Propene
4163833	91
4163835	91
4163837	87
4163839	93
4163841	91
Blank	92
LCS	93
MS	93
MSD	100
Limits:	58-129

Analysis Name: TCL by 8260 (water)
Batch number: N033231AB

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Surrogate Quality Control

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4163833	100	95	87	90
4163835	98	94	87	86
4163837	100	98	89	88
4163839	102	93	88	88
4163841	102	95	87	87
4163843	101	93	89	90
4163844	103	98	85	86
4163845	103	97	87	85
4163846	101	96	87	86
4163847	107	102	87	85
Blank	102	97	88	85
LCS	94	96	93	99
LCSD	93	91	92	98
MS	95	97	92	100
Limits:	81-120	82-112	85-112	83-113

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meq	milliequivalents	**lb.**	pound(s)
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Analysis Report

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

248-576-5741

received
12-1-03
11-26-03

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 874751. Samples arrived at the laboratory on Thursday, November 13, 2003. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
MW-B002-111203 Grab Groundwater Sample	4163833
MW-B002-111203 Filtered Grab Groundwater Sample	4163834
MW-18S-111203 Grab Groundwater Sample	4163835
MW-18S-111203 Filtered Grab Groundwater Sample	4163836
MW-37S-111203 Grab Groundwater Sample	4163837
MW-37S-111203 Filtered Grab Groundwater Sample	4163838
PZ37I-111203 Grab Groundwater Sample	4163839
PZ37I-111203 Filtered Grab Groundwater Sample	4163840
PZ37D-111203 Grab Groundwater Sample	4163841
PZ37D-111203 Filtered Grab Groundwater Sample	4163842
TW22-111203 Grab Groundwater Sample	4163843
TW21-111203 Grab Groundwater Sample	4163844
TW2-111203 Grab Groundwater Sample	4163845
TW20-111203 Grab Groundwater Sample	4163846
Trip_Blank Water Sample	4163847

1 COPY TO	Earth Tech	Attn: Ms. Lisa Smith
1 COPY TO	Earth Tech	Attn: Mr. Rob Stenson

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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Lancaster Laboratories

Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Jenifer E Hess
Group Leader

MEMBER ACIL
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PO Box 12425
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717-656-2300 Fax: 717-656-2681

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163833

MW-B002-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

B0002 SDG#: DCN77-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	3.13		0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.060	J	0.045	mg/l	1
07058	Manganese	7439-96-5	0.102		0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.		0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	425.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	463.		2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.		1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.						
00273	Total Organic Carbon	n.a.	1.6	J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	104.		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	13.9	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	3.1		0.040	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	3.	J	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1

MEMBER ACIL
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DaimlerChrysler Corporation
PO Box 537933
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B0002 SDG#: DCN77-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 14:44	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:48	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 14:44	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163833

MW-B002-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

B0002 SDG#: DCN77-01

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:10	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:47	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:32	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/14/2003 23:35	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 20:09	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 20:09	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

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P	Concentration difference between primary and confirmation columns >25%
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X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
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N	Spike sample not within control limits
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163834

MW-B002-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:00 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

BF002 SDG#: DCN77-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	2.92		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 14:50	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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C	degrees Celsius	**F**	degrees Fahrenheit
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m3	cubic meter(s)	**ul**	microliter(s)

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J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

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ppb parts per billion

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Organic Qualifiers

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D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163835

MW-18S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18S-- SDG#: DCN77-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
02268	Ferric Iron	n.a.	N.D.		0.045	mg/l	1
07058	Manganese	7439-96-5	0.0222		0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.		0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	355.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	427.		2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.97		0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.		1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.						
00273	Total Organic Carbon	n.a.	2.2		0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	39.5		1.5	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	N.D.		0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	44.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	11.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	32.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	4.	J	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	8.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	93.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	240.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1

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DaimlerChrysler Corporation
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18S-- SDG#: DCN77-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	71.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	51.		1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	500.		4.	ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	8.	J	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 14:55	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:52	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 14:55	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163835

MW-18S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18S-- SDG#: DCN77-03

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:11	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:46	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:40	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/14/2003 23:46	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 21:01	Scott M Evans	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 02:15	Scott M Evans	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 21:01	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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Organic Qualifiers

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P	Concentration difference between primary and confirmation columns >25%
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X,Y,Z	Defined in case narrative

Inorganic Qualifiers

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163836

MW-18S-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

18SF- SDG#: DCN77-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	20.8	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:00	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163837

MW-37S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SXX SDG#: DCN77-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	9.35	0.0453	mg/l	1
02268	Ferric Iron	n.a.	5.8	0.045	mg/l	1
07058	Manganese	7439-96-5	0.0780	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	370.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	506.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.18	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.6 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	88.5	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	16.2 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	3.5	0.040	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SXX SDG#: DCN77-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	42.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:05	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:55	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 15:05	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163837

MW-37S-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:27
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SXX SDG#: DCN77-05

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:12	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:49	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:48	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/14/2003 23:57	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 21:27	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 21:27	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163838

MW-37S-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37SFI SDG#: DCN77-06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	3.15		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	25.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:20	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163839

PZ37I-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

PZ37I SDG#: DCN77-07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	1.45		0.0453	mg/l	1
02268	Ferric Iron	n.a.	0.76		0.045	mg/l	1
07058	Manganese	7439-96-5	0.524		0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.		0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	364.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	527.		2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.38		0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.		1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.						
00273	Total Organic Carbon	n.a.	1.8	J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	102.		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	18.5	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.69		0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		1.	ug/l	2.5
05385	Chloromethane	74-87-3	N.D.		3.	ug/l	2.5
05386	Vinyl Chloride	75-01-4	N.D.		3.	ug/l	2.5
05387	Bromomethane	74-83-9	N.D.		3.	ug/l	2.5
05388	Chloroethane	75-00-3	N.D.		3.	ug/l	2.5
05390	1,1-Dichloroethene	75-35-4	3.	J	2.	ug/l	2.5
05391	Methylene Chloride	75-09-2	N.D.		5.	ug/l	2.5
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		2.	ug/l	2.5
05393	1,1-Dichloroethane	75-34-3	7.	J	3.	ug/l	2.5
05395	cis-1,2-Dichloroethene	156-59-2	10.	J	2.	ug/l	2.5
05396	Chloroform	67-66-3	N.D.		2.	ug/l	2.5

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PZ37I SDG#: DCN77-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	21.	2.	ug/l	2.5
05399	Carbon Tetrachloride	56-23-5	N.D.	3.	ug/l	2.5
05401	Benzene	71-43-2	N.D.	1.	ug/l	2.5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	2.5
05403	Trichloroethene	79-01-6	3,100.	25.	ug/l	25
05404	1,2-Dichloropropane	78-87-5	N.D.	3.	ug/l	2.5
05406	Bromodichloromethane	75-27-4	N.D.	3.	ug/l	2.5
05407	Toluene	108-88-3	N.D.	2.	ug/l	2.5
05408	1,1,2-Trichloroethane	79-00-5	N.D.	2.	ug/l	2.5
05409	Tetrachloroethene	127-18-4	N.D.	2.	ug/l	2.5
05411	Dibromochloromethane	124-48-1	N.D.	3.	ug/l	2.5
05413	Chlorobenzene	108-90-7	N.D.	2.	ug/l	2.5
05415	Ethylbenzene	100-41-4	N.D.	2.	ug/l	2.5
05418	Styrene	100-42-5	N.D.	3.	ug/l	2.5
05419	Bromoform	75-25-2	N.D.	3.	ug/l	2.5
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	3.	ug/l	2.5
06302	Acetone	67-64-1	N.D.	15.	ug/l	2.5
06303	Carbon Disulfide	75-15-0	N.D.	3.	ug/l	2.5
06305	2-Butanone	78-93-3	N.D.	8.	ug/l	2.5
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	3.	ug/l	2.5
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	3.	ug/l	2.5
06308	4-Methyl-2-pentanone	108-10-1	N.D.	8.	ug/l	2.5
06309	2-Hexanone	591-78-6	N.D.	8.	ug/l	2.5
06310	Xylene (Total)	1330-20-7	N.D.	2.	ug/l	2.5

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to the level of trichloroethene, the reporting limit(s) for all GC/MS volatile compounds were raised.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:25	Jayme E Curet	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163839

PZ37I-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

PZ37I SDG#: DCN77-07

02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 11:59	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 15:25	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:14	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 21:41	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 10:56	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/15/2003 00:08	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 21:53	Scott M Evans	2.5
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 22:20	Scott M Evans	25
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 21:53	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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Explanation of Symbols and Abbreviations

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N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

J *estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).*

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163840

PZ37I-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

PZ37F SDG#: DCN77-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.566		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	18.5	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:30	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

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ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

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D	Compound quantitated on a diluted sample
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B	Value is <CRDL, but ≥IDL
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163841

PZ37D-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:30 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37D-- SDG#: DCN77-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	51.2	0.0453	mg/l	1
02268	Ferric Iron	n.a.	45.8	0.080	mg/l	1
07058	Manganese	7439-96-5	0.205	0.00051	mg/l	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	0.41	mg/l as CaCO3	1
00202	Alkalinity to pH 4.5	n.a.	383.	0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	556.	2.5	mg/l as CaCO3	5
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00229	Sulfite	14265-45-3	N.D.	1.2	mg/l	1
	The 40 CFR Part 136 requires that analysis for sulfite be performed immediately (within 15 minutes) upon sample collection. Although this analysis is performed promptly upon receipt at the laboratory, the results may not be acceptable for NPDES compliance monitoring.					
00273	Total Organic Carbon	n.a.	1.6 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	96.5	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	34.8 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	5.4	0.080	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1

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DaimlerChrysler Corporation
PO Box 537933
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37D-- SDG#: DCN77-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	7.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:35	Jayme E Curet	1
02268	Ferric Iron	SW-846 6010B modified	1	11/24/2003 12:02	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	11/21/2003 15:35	Jayme E Curet	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163841

PZ37D-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:30 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37D-- SDG#: DCN77-09

00202	Alkalinity to pH 4.5	EPA 310.1	1	11/16/2003 17:53	Elaine F Stoltzfus	1
00216	Total Hardness	EPA 130.2 (modified)	1	11/18/2003 11:06	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	11/13/2003 22:15	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2003 20:56	Kyle W Eckenroad	1
00229	Sulfite	EPA 377.1	1	11/14/2003 09:30	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	11/13/2003 11:04	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	11/17/2003 09:20	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	11/14/2003 02:30	Daniel S Smith	10
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	11/15/2003 00:18	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 22:46	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 22:46	Scott M Evans	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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E	Concentration exceeds the calibration range of the instrument
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P	Concentration difference between primary and confirmation columns >25%
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X,Y,Z	Defined in case narrative

Inorganic Qualifiers

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163842

PZ37D-111203 Filtered Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:30 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

37DF- SDG#: DCN77-10

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	4.01		0.0453	mg/l	1
04001	Chemical Oxygen Demand	n.a.	16.2	J	8.2	mg/l	1

This sample was field filtered for dissolved metals and COD.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	11/21/2003 15:40	Jayme E Curet	1
04001	Chemical Oxygen Demand	EPA 410.4	1	11/18/2003 09:05	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/20/2003 20:00	James L Mertz	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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ug	microgram(s)	**mg**	milligram(s)
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> greater than

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ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
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S	Method of standard additions (MSA) used for calculation
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163843

TW22-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T22-- SDG#: DCN77-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 11:40 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
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Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T22-- SDG#: DCN77-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 23:12	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 23:12	Scott M Evans	n.a.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163844

TW21-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:55 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T21-- SDG#: DCN77-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J *estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).*

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163844

TW21-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 12:55 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

T21-- SDG#: DCN77-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/19/2003 23:38	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2003 23:38	Scott M Evans	n.a.

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163845

TW2-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW2-- SDG#: DCN77-13

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	4.	J	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	23.		0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J *estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).*

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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U.S. EPA CLP Data Qualifiers:

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Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	*Estimated due to interference*
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163845

TW2-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 15:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW2-- SDG#: DCN77-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 00:04	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 00:04	Scott M Evans	n.a.

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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> greater than

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ppb parts per billion

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A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163846

TW20-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW20- SDG#: DCN77-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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ppb parts per billion

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163846

TW20-111203 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/12/2003 16:45 by BE

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TW20- SDG#: DCN77-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 00:30	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 00:30	Scott M Evans	n.a.

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

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ppb parts per billion

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E	Concentration exceeds the calibration range of the instrument
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163847

Trip_Blank Water Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/06/2003 00:00

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

DCTB- SDG#: DCN77-15TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4163847

Trip_Blank Water Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/06/2003 00:00

Account Number: 10160

Submitted: 11/13/2003 09:20
Reported: 11/25/2003 at 17:28
Discard: 01/25/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

DCTB- SDG#: DCN77-15TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/20/2003 00:57	Scott M Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 00:57	Scott M Evans	n.a.

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 11/25/03 at 05:28 PM

Group Number: 874751

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03317011112A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Total Organic Carbon	N.D.	0.50	mg/l	91		89-115		
Batch number: 03317105102A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Nitrite Nitrogen	N.D.	0.015	mg/l	104		89-110		
Batch number: 033180014A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Ethane	N.D.	1.0	ug/l	90		80-120		
Ethene	N.D.	1.0	ug/l	90		80-120		
Batch number: 03318022901A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Sulfite	N.D.	1.2	mg/l	77		68-103		
Batch number: 03318106102A	Sample number(s): 4163833,4163835,4163837							
Nitrate Nitrogen	N.D.	0.040	mg/l	99		89-110		
Batch number: 03318106102B	Sample number(s): 4163841							
Nitrate Nitrogen	N.D.	0.040	mg/l	99		89-110		
Batch number: 03318106103A	Sample number(s): 4163839							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 03318834401A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Ferrous Iron	N.D.	0.0080	mg/l	104		92-105		
Batch number: 03320020202A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Alkalinity to pH 4.5				101		98-103		
Batch number: 03321112501A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Sulfate (turbidimetric)	N.D.	1.5	mg/l	95		90-110		
Batch number: 03322021601A	Sample number(s): 4163833,4163835,4163837,4163839,4163841							
Total Hardness	N.D.	0.49	mg/l as Ca	102		98-107		
Batch number: 03322400101A	Sample number(s): 4163833-4163842							
Chemical Oxygen Demand				100		95-107		
Batch number: 033241848005	Sample number(s): 4163833-4163842							
Iron	N.D.	0.0453	mg/l	104		91-114		
Manganese	N.D.	0.00051	mg/l	100		93-110		
Batch number: N033231AB	Sample number(s): 4163833,4163835,4163837,4163839,4163841,4163843-4163847							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95	93	77-127	2	30
Chloromethane	N.D.	1.	ug/l	99	98	69-136	1	30
Vinyl Chloride	N.D.	1.	ug/l	95	100	71-129	5	30
Bromomethane	N.D.	1.	ug/l	96	97	46-138	1	30

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

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

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2425 New Holland Pike • Lancaster, PA 17601

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umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Lancaster Laboratories

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 11/25/03 at 05:28 PM

Group Number: 874751

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chloroethane	N.D.	1.	ug/l	95	94	59-133	0	30
1,1-Dichloroethene	N.D.	0.8	ug/l	116	112	79-130	4	30
Methylene Chloride	N.D.	2.	ug/l	112	111	80-128	2	30
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	109	110	81-124	1	30
1,1-Dichloroethane	N.D.	1.	ug/l	106	103	83-127	3	30
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	107	104	84-117	3	30
Chloroform	N.D.	0.8	ug/l	106	104	86-124	2	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	103	102	83-127	1	30
Carbon Tetrachloride	N.D.	1.	ug/l	99	99	77-130	1	30
Benzene	N.D.	0.5	ug/l	106	103	85-117	3	30
1,2-Dichloroethane	N.D.	1.	ug/l	102	98	77-132	4	30
Trichloroethene	N.D.	1.	ug/l	104	101	87-117	3	30
1,2-Dichloropropane	N.D.	1.	ug/l	99	100	80-117	1	30
Bromodichloromethane	N.D.	1.	ug/l	102	99	83-121	3	30
Toluene	N.D.	0.7	ug/l	95	90	85-115	5	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	101	95	86-113	6	30
Tetrachloroethene	N.D.	0.8	ug/l	102	99	82-126	3	30
Dibromochloromethane	N.D.	1.	ug/l	93	90	78-119	3	30
Chlorobenzene	N.D.	0.8	ug/l	96	94	85-115	2	30
Ethylbenzene	N.D.	0.8	ug/l	87	86	82-119	1	30
Styrene	N.D.	1.	ug/l	88	86	84-117	3	30
Bromoform	N.D.	1.	ug/l	88	86	63-122	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	87	85	72-119	1	30
Acetone	N.D.	6.	ug/l	84	84	22-179	1	30
Carbon Disulfide	N.D.	1.	ug/l	117	114	80-139	2	30
2-Butanone	N.D.	3.	ug/l	90	90	45-154	0	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	87	84	79-114	3	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	93	89	78-114	4	30
4-Methyl-2-pentanone	N.D.	3.	ug/l	88	86	65-125	2	30
2-Hexanone	N.D.	3.	ug/l	84	81	49-141	4	30
Xylene (Total)	N.D.	0.8	ug/l	93	90	84-120	4	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03317011112A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Total Organic Carbon	95		63-136			1.6 J	1.5 J	10* (1)	3
Batch number: 03317105102A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Nitrite Nitrogen	91		90-110			N.D.	N.D.	0 (1)	20
Batch number: 033180014A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Ethane	97	102	71-128	5	20				

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Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 874751
Reported: 11/25/03 at 05:28 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethene	97	103	68-142	7	20				
Batch number: 03318022901A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Sulfite	41	37	29-104	10	20	N.D.	N.D.	200* (1)	20
Batch number: 03318106102A	Sample number(s): 4163833,4163835,4163837								
Nitrate Nitrogen	103		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03318106102B	Sample number(s): 4163841								
Nitrate Nitrogen	100		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03318106103A	Sample number(s): 4163839								
Nitrate Nitrogen	103		90-110			N.D.	N.D.	0 (1)	2
Batch number: 03318834401A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Ferrous Iron	100	97	76-119	1	5	5.4	5.3	3	20
Batch number: 03320020202A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	82	81	64-130	0	2	355.	353.	1	4
Batch number: 03321112501A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Sulfate (turbidimetric)	95	95	69-124	0	4	127.	128.	1	4
Batch number: 03322021601A	Sample number(s): 4163833,4163835,4163837,4163839,4163841								
Total Hardness	99	100	93-115	0	2	516.	521.	1	4
Batch number: 03322400101A	Sample number(s): 4163833-4163842								
Chemical Oxygen Demand	91	92	90-110	1	2	25.5 J	16.2 J	45* (1)	4
Batch number: 033241848005	Sample number(s): 4163833-4163842								
Iron	(2)	(2)	75-125	5	20	116.	119.	3	20
Manganese	100	99	85-111	1	20	0.668	0.676	1	20
Batch number: N033231AB	Sample number(s): 4163833,4163835,4163837,4163839,4163841,4163843-4163847								
Methyl Tertiary Butyl Ether	102		69-134						
Chloromethane	118		70-148						
Vinyl Chloride	117		64-148						
Bromomethane	110		52-140						
Chloroethane	113		63-142						
1,1-Dichloroethene	130		78-146						
Methylene Chloride	115		79-133						
trans-1,2-Dichloroethene	120		82-133						
1,1-Dichloroethane	122		85-135						
cis-1,2-Dichloroethene	115		83-126						
Chloroform	114		82-131						
1,1,1-Trichloroethane	117		82-135						

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Carbon Tetrachloride	114		73-144						
Benzene	118		83-128						
1,2-Dichloroethane	110		73-136						
Trichloroethene	112		75-135						
1,2-Dichloropropane	110		81-121						
Bromodichloromethane	105		83-121						
Toluene	104		83-127						
1,1,2-Trichloroethane	102		77-125						
Tetrachloroethene	101		75-143						
Dibromochloromethane	91		73-119						
Chlorobenzene	102		83-120						
Ethylbenzene	99		82-129						
Styrene	92		72-133						
Bromoform	85		64-119						
1,1,2,2-Tetrachloroethane	93		69-121						
Acetone	66		16-147						
Carbon Disulfide	137		77-155						
2-Butanone	85		42-140						
trans-1,3-Dichloropropene	90		75-117						
cis-1,3-Dichloropropene	97		76-117						
4-Methyl-2-pentanone	95		61-126						
2-Hexanone	82		48-133						
Xylene (Total)	99		82-130						

Surrogate Quality Control

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 033180014A

	Propene
4163833	91
4163835	91
4163837	87
4163839	93
4163841	91
Blank	92
LCS	93
MS	93
MSD	100
Limits:	58-129

Analysis Name: TCL by 8260 (water)
Batch number: N033231AB

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Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4163833	100	95	87	90
4163835	98	94	87	86
4163837	100	98	89	88
4163839	102	93	88	88
4163841	102	95	87	87
4163843	101	93	89	90
4163844	103	98	85	86
4163845	103	97	87	85
4163846	101	96	87	86
4163847	107	102	87	85
Blank	102	97	88	85
LCS	94	96	93	99
LCSD	93	91	92	98
MS	95	97	92	100
Limits:	81-120	82-112	85-112	83-113

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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Analysis Report

Lancaster Laboratories

EPA Region 5 Records Ctr.
349927

received
11-2-03
elect. 12-1-03

ANALYTICAL RESULTS

Prepared for:

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

248-576-5741

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 875304. Samples arrived at the laboratory on Tuesday, November 18, 2003. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
PZ17D-111603 Grab Groundwater Sample	4166650
MW20S-111603 Grab Groundwater Sample	4166651
MWA001-111603 Grab Groundwater Sample	4166652
MW19S-111603 Grab Groundwater Sample	4166653
MW7S-111703 Grab Groundwater Sample	4166654
PZ7I-111703 Grab Groundwater Sample	4166655
MW15S-111703 Grab Groundwater Sample	4166656
PZ15I-111703 Grab Groundwater Sample	4166657
MWA03-111703 Grab Groundwater Sample	4166658
MW34S-111703 Grab Groundwater Sample	4166659
PZ34I-111703 Grab Groundwater Sample	4166660
PZ34D-111703 Grab Groundwater Sample	4166661
TW13-111703 Grab Groundwater Sample	4166662
PZ019I-111703 Grab Groundwater Sample	4166663
MWET6-111703 Grab Groundwater Sample	4166664
MWC001-111703 Grab Groundwater Sample	4166665
MWB001-111703 Grab Groundwater Sample	4166666
Trip_Blank Water Sample	4166667

1 COPY TO	Earth Tech	Attn: Ms. Lisa Smith
1 COPY TO	Earth Tech	Attn: Mr. Rob Stenson

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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Lancaster Laboratories

Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Lawrence M. Taylor
Sr. Chemist

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

MEMBER ACIL

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2425 New Holland Pike • Lancaster, PA 17601

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4166650

PZ17D-111603 Grab Groundwater Sample
Site Code: SC001 RFA# ET03076
Dayton Thermal/Dayton, OH
Collected:11/16/2003 13:20 by DD

Account Number: 10160

Submitted: 11/18/2003 09:45
Reported: 12/01/2003 at 10:37
Discard: 01/31/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

-17D- SDG#: DCN86-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	14.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	2.	J	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

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-17D- SDG#: DCN86-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	11/23/2003 14:14	Trent S Sprenkle	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2003 14:14	Trent S Sprenkle	n.a.

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Dayton Thermal/Dayton, OH
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Account Number: 10160

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Discard: 01/31/2004

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PO Box 537933
Livonia MI 48153-7933

-20S- SDG#: DCN86-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	1.	J	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	4.	J	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1