DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ019 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/15/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1115	50°c	Sunny/Cool	Low	Simple	SW	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.05	750	7.07	0.47	clear	-151 na
2	low-flow cell	na	14.77	751	7.06	0.35	↓	-159 na
3	low-flow cell	na	14.80	751	7.06	0.23	↓	-159 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	*Analytes:* VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ019 I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/15/01	1125

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW 0205	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/15/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1245	60°	Sunny	Low	Slight	Sw	DRY

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.58	1,292	6.89	9.34	clear	37 na
2	low-flow cell	na	16.58	1,298	6.90	9.37	clear	41 na
3	low-flow cell	na	16.58	1,303	6.90	9.32	clear	43 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0205	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/15/01	1250

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:**	PZ 020D
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/15/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1245	60	Sunny	Low	5mph	SW	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.17	792	7.01	0.40	clear	-147 na
2	low-flow cell	na	15.15	792	7.02	0.33	↓	-147 na
3	low-flow cell	na	15.33	804	7.01	0.29	↓	-141 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ020D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/15/01	1255

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2 021 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/15/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1145	55°	Sunny Cool	Low	5mph	SW	DRY

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	14.88	707	7.03	0.48	turbid	-148 na
2	low-flow cell	na	14.88	705	7.05	0.25	↓	-149 na
3	low-flow cell	na	14.85	705	7.06	0.24	↓	-149 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2 021 I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/15/01	12:00

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ 022I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/18/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1000	45°	Sunny/Cool	Low	Sample	SW	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.22	812	7.21	0.97	clear	14 mv
2	low-flow cell	na	15.25	811	7.19	0.69	↓	12 mv
3	low-flow cell	na	15.24	812	7.11	0.58	↓	-11 mv
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ 022I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/18/01	1000

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0245	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1045	50°	Rainy	High	20 mph	SW	Wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.61	1,980	6.76	0.62	clear	-127 na
2	low-flow cell	na	15.59	1,980	6.76	0.53		-123 na
3	low-flow cell	na	15.54	1,970	6.77	0.44		-124 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0245	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1105

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ024D
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/16/01
LOCATION: 1600 Webster Street		Inspectors: DVS
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1045	50°	Rainy	High	20 mph	SW	wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	14.88	1,108	6.80	0.47	clear	-119 na
2	low-flow cell	na	14.86	1,110	6.82	0.36	↓	-120 na
3	low-flow cell	na	14.83	1,109	6.74	0.30	↓	-121 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ024D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1050

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2 024I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/16/01 ~~P2 024~~ I	
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1045	50'	Rainy	High	20mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	14.97	1,237	6.67	2.71	clear	-20 na
2	low-flow cell	na	14.97	1,231	6.69	0.98		-51 na
3	low-flow cell	na	14.98	1,229	6.70	0.75		-55 na
4	low-flow cell	na	14.90	1,228	6.76	0.65		-56 na
5	low-flow cell	na	14.73	1,228	6.76	0.62		-57 na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2 024I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1055

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW025S	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1215	50°	Rainy	High	15mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.48	1,031	7.07	1.33		~~na~~ -122
2	low-flow cell	na	16.55	1,036	7.06	1.13		~~na~~ -122
3	low-flow cell	na	16.55	1,037	7.05	1.17		~~na~~ -122
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW025S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1230
MW025S DUPLICATE	3	40 ml	VOA, glass	↓	HCL	10/16/01	1230

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

Rev. 1 by LBG, Jan 2001

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GW_sampling_record.xls, Sheet1

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ025D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1210	50°	Rainy	High	15 mph	SW	wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.70	1,064	6.82	0.42	clear	-125 ~~na~~
2	low-flow cell	na	15.66	1,063	6.83	0.32	↓	-125 ~~na~~
3	low-flow cell	na	15.63	1,057	6.84	0.25	↓	-125 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ025D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1210

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2025I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1215	50'	Rainy	High	15mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.15	1,344	6.55	1.15	clear	-47 na
2	low-flow cell	na	16.17	1,354	6.57	0.59		-56 na
3	low-flow cell	na	16.14	1,353	6.56	0.48		-57 na
4	low-flow cell	na	16.15	1,359	6.57	0.47		-59 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2025I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1215
Field Blank 1 Day 2	3	40ml	VOA, glass	↓	HCL	10/16/01	1225

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

Rev. 1 by LBG, Jan 2001

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GW_sampling_record.xls, Sheet1

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0265	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1115	50°	Rainy	High	15 mph	SW	Wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.16	1,307	6.83	0.33	clear	-125 ~~na~~
2	low-flow cell	na	16.14	1,306	6.83	0.20	↓	-125 ~~na~~
3	low-flow cell	na	16.20	1,305	6.82	0.14	↓	-125 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0265	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1150

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ026D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1115	50°	Rainy	High	15 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	ORP ~~Depth to Water (feet)~~
1	low-flow cell	na	15.45	1,053	6.78	0.43	clear	-125 ~~na~~
2	low-flow cell	na	15.35	1,049	6.80	0.27	↓	-125 ~~na~~
3	low-flow cell	na	16.21	1,051	6.82	0.25	↓	-125 ~~na~~
4	low-flow cell	na					↓	na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ026D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1130

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

PZ026I

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** ~~MW002R005~~	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1115	50°	Rainy	High	15 mph	SW	Wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.73	1,540	6.45	0.19	clear	-67 na
2	low-flow cell	na	15.70	1,540	6.44	0.90	↓	-70 na
3	low-flow cell	na	15.63	1,530	6.45	0.53	↓	-70 na
4	low-flow cell	na	15.62	1,530	6.42	0.47	↓	-70 na
5	low-flow cell	na	15.39	1,530	6.43	0.46	↓	-70 na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ026I ~~MW002R005~~	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1435

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:**	MW0275
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1315	50°	Rainy	High	15mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ OKP
1	low-flow cell	na	16.06	861	7.12	1.13	clear	-113 na
2	low-flow cell	na	16.06	862	7.13	0.60	↓	-115 na
3	low-flow cell	na	16.02	864	7.13	0.57	↓	-116 na
4	low-flow cell	na	16.04	862	7.12	0.61	↓	-116 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0275	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1340

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

Rev. 1 by LBG, Jan 2001

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GW_sampling_record.xls, Sheet1

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ027D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1315	80	Rainy	High	15 mph	SW	Wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1	2	3	4	5	6	7
Total Depth (feet)	*Depth to Water (feet)*	*Column of Standing Water in Well (feet) (1-2)*	Well Diameter Factor	*Volume in Gallons (3x4)*	*Number of Well Volumes to be Evacuated*	*Total Volume to be Evacuated (gallons) (5x6)*
			0.163		*na*	*na*

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.22	939	7.06	0.42	clear	-134 ~~na~~
2	low-flow cell	na	15.21	947	7.13	0.32	↓	-134 ~~na~~
3	low-flow cell	na	15.18	953	7.18	0.26	↓	-133 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ027D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1320

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2 027 I

PROJECT:	Dayton Thermal Products, October 2001 Ground-water Sampling
LOCATION:	1600 Webster Street
	Dayton, Ohio

Date:	10/16/01
Inspectors:	DVS
Pump #:	dedicated
Bladder #:	dedicated
Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1315	50	Rainy	High	15 mph	SW	Wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.57	983	6.78	1.39	clear	-100 na
2	low-flow cell	na	15.51	975	7.00	0.93	↓	-100 na
3	low-flow cell	na	15.51	957	7.00	0.84	↓	-101 na
4	low-flow cell	na	15.51	964	7.01	0.76	↓	-102 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2027I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1320

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0285	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/16/01	
LOCATION: 1600 Webster Street		Inspectors: DVS	
Dayton, Ohio		Pump #: dedicated	
		Bladder #: dedicated	
		Bailer Type: low flow cell	

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1345	50	Rainy	High	15 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ DTP
1	low-flow cell	na	15.84	1,316	6.70	0.50		-118 na
2	low-flow cell	na	15.93	1,313	6.71	0.45		-119 na
3	low-flow cell	na	15.94	1,313	6.72	0.32		-119 na
4	low-flow cell	na	~~16.24~~ T,					na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0285	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1415

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2028D

PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling	Date: 10/16/01
LOCATION: 1600 Webster Street	Inspectors: DVS
Dayton, Ohio	Pump #: dedicated
	Bladder #: dedicated
	Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1345	50	Rainy	High	15 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.80	1,143	6.80	0.40	turbid ~~clear~~	-117 ~~na~~
2	low-flow cell	na	15.81	1,135	6.85	0.27		-118 ~~na~~
3	low-flow cell	na	15.83	1,131	6.87	0.31		-119 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2028D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1400

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ 028 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1345	50	Rainy	High	15 mph	SW	wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.04	1,171	6.71	1.15		-7 na
2	low-flow cell	na	16.14	1,173	6.73	0.68		-7 na
3	low-flow cell	na	16.13	1,174	6.69	0.60		-7 na
4	low-flow cell	na	16.11	1,173	6.67	0.49		-7 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ 028 I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1405

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0295	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1615	50°	Rainy	High	15 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.80	1,570	6.49	3.00	clear	-110 na
2	low-flow cell	na	15.79	1,580	6.49	2.96	↓	-110 na
3	low-flow cell	na	15.69	1,580	6.49	2.89		na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0295	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1635

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ029D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1615	50°	Rainy	High	15 mph	SW	Wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ DTP
1	low-flow cell	na	15.32	1,282	6.82	0.61	clear	-115
2	low-flow cell	na	15.30	1,281	6.82	0.43		-118
3	low-flow cell	na	15.30	1,288	6.82	0.45		-121
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ029D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1630

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2029 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1610	50°	Rainy	~~15 High~~	15 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.48	1,278	6.76	0.51	clear	-116 ~~na~~
2	low-flow cell	na	15.43	1,283	6.77	0.40	↓	-116 ~~na~~
3	low-flow cell	na	15.46	1,280	6.77	0.32	↓	-116 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2029I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1610
Field blank 2						↓	1625

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW030 S	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1430	50°	Rainy	High	15mph	SW	Wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	17.44	1,356	6.71	0.25	clear	-122 ~~na~~
2	low-flow cell	na	17.48	1,357	6.72	0.17	↓	-122 ~~na~~
3	low-flow cell	na	17.48	1,359	6.71	0.14	↓	-123 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW030S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1450

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ030D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1430	50	Rainy	High	15mph	SW	Wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.27	1,550	6.70	1.24	turbid	-123 na
2	low-flow cell	na	16.25	1,550	6.69	0.73	↓	-128 na
3	low-flow cell	na	16.24	1,560	6.69	0.58	↓	-124 na
4	low-flow cell	na	16.24	1,560	6.68	0.55	↓	-129 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ030D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1440

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT:	Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2030I
PROJECT:	Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/16/01
LOCATION:	1600 Webster Street		Inspectors: DVS
	Dayton, Ohio		Pump #: dedicated
			Bladder #: dedicated
			Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1430	50°	Rainy	High	15mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.64	1,298	6.88	0.47	turbid	-124 ~~na~~
2	low-flow cell	na	16.68	1,294	6.90	0.33	↓	-125 ~~na~~
3	low-flow cell	na	16.69	1,293	6.91	0.45	↓	-126 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: *Well Name*	*Count*	*Volume*	Type: VOA, glass, *amber, plastic*	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, *BTEX, dissolved...*	Preservative: HCl, *Na2SO4, NO3...*	*Date*	*Time*
P2030I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1435

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:**	MW031 5
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
	50°	Rainy	High	20 mph	SW	wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.21	1,091	6.83	1.23	clear	~~-88~~ na
2	low-flow cell	na	15.31	1,091	6.84	0.62		~~-92~~ na
3	low-flow cell	na	15.30	1,092	6.84	0.53		~~-92~~ na
4	low-flow cell	na	15.26	1,089	6.84	0.50		~~-92~~ na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW031S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	4:45

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:**	P2031D
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0930	50°	Rainy	High	20 mph	SW	Wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS — DKP

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~
1	low-flow cell	na	15.08	960	6.75	0.31	clear	-116 na
2	low-flow cell	na	15.07	961	6.79	0.15	↓	-117 na
3	low-flow cell	na	15.07	955	6.80	0.14	↓	-116 na
4	low-flow cell	na	15.02	955	6.80	0.13	↓	-118 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2031D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	0930

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2031I
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/16/01
LOCATION: 1600 Webster Street		Inspectors: DVS
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0925	50°	Rainy	High	20mph	SW	wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.26	1,114	7.01	1.14	clear	-128 na
2	low-flow cell	na	15.24	1,112	7.02	1.00	↓	-128 na
3	low-flow cell	na	15.19	1,109	7.01	0.83		-128 na
4	low-flow cell	na	15.26	1,106	7.01	0.81		-128 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2031I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	0925

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0325	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1000	45	Sunny	Low	5 mph	SW	DRY

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	17.51	1,209	6.87	1.80	clear	-54 ~~na~~
2	low-flow cell	na	17.50	1,211	6.87	1.80	↓	-54 ~~na~~
3	low-flow cell	na	17.53	1,208	6.87	1.69	↓	-54 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0325	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1015

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ032D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1000	45	Sunny	Low	5 mph	SW	DRY

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.40	1,355	6.72	0.34	clear	-56 ~~na~~
2	low-flow cell	na	16.39	1,355	6.74	0.26	↓	-56 ~~na~~
3	low-flow cell	na	16.39	1,353	6.75	0.21	↓	-56 ~~na~~
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ032D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1000

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2 032 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1000	75	Sunny	Low	5 mph	SW	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	ARP ~~Depth to Water (feet)~~
1	low-flow cell	na	16.69	1,284	6.95	1.19	turbid	- 96 na
2	low-flow cell	na	16.65	1,282	6.95	0.90		- 92 na
3	low-flow cell	na	16.70	1,281	6.95	0.87		- 93 na
4	low-flow cell	na	16.71	1,281	6.96	0.88		- 93 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2 032I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1000

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0335	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1430	50	Rainy	High	Light	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS ORP

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~
1	low-flow cell	na	16.82	1,510	6.82	3.79	clear	-114 na
2	low-flow cell	na	16.78	1,451	6.83	3.13	↓	-115 na
3	low-flow cell	na	16.83	1,443	6.83	3.14	↓	-115 na
4	low-flow cell	na	16.83	1,445	6.83	3.09	↓	-115 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0335	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1525

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2033D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1430	50°	Rainy	High	15mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.70	1,335	6.72	0.47	clear	-118 na
2	low-flow cell	na	15.68	1,339	6.77	0.52	↓	-118 na
3	low-flow cell	na	15.67	1,341	6.79	0.38	↓	-119 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2033D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1505

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2033I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1430	50	Rainy	High	15mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.98	1,245	6.86	1.45	clear	-83 na
2	low-flow cell	na	15.94	1,244	6.87	0.92	↓	-94 na
3	low-flow cell	na	15.96	1,242	6.88	0.84	↓	-99 na
4	low-flow cell	na	15.97	1,243	6.90	0.74	↓	-104 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2033I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1510

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0345	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1500	50'	Rainy	High	15 mph	SW	Wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.56	1,115	6.86	0.78	clear	-32 na
2	low-flow cell	na	15.58	1,115	6.87	0.65	↓	-31 na
3	low-flow cell	na	15.56	1,116	6.87	0.56	↓	-29 na
4	low-flow cell	na	15.56	1,113	6.87	0.53	↓	-28 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0345	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1555
Duplicate (MW0345)	3	40 ml	VOA glass	↓	HCL	10/16/01	1555

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2034D

PROJECT:	Dayton Thermal Products, October 2001 Ground-water Sampling
LOCATION:	1600 Webster Street
	Dayton, Ohio

Date:	10/16/01
Inspectors:	DVS
Pump #:	dedicated
Bladder #:	dedicated
Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1500	50'	Rainy	High	15 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.01	1,305	6.77	0.29	clear	-117 na
2	low-flow cell	na	15.01	1,306	6.79	0.24	↓	-118 na
3	low-flow cell	na	14.98	1,309	6.80	0.19	↓	-118 na
4	low-flow cell	na					↓	na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2034D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	12/16/01	1540

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2034 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1500	50°	Rainy	High	15 mph	SW	Wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	Depth to Water (feet)
1	low-flow cell	na	15.12	1,298	6.83	0.75	clear	~97 na
2	low-flow cell	na	15.12	1,296	6.83	0.70		~97 na
3	low-flow cell	na	15.12	1,298	6.84	0.59		~99 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2034 I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1535

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW035S	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1015	45°	Sunny	Low	Slight	SW	DRY

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.76	1,226	6.78	2.22	turbid	-53 na
2	low-flow cell	na	15.77	1,225	6.79	2.05	↓	-53 na
3	low-flow cell	na	15.75	1,225	6.81	2.21	↓	-53 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW035S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1030

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2035D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/12/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1015	45	Sunny	Low	Smpk	Sw	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.50	1,253	6.87	1.26	clear	-69 na
2	low-flow cell	na	15.55	1,255	6.89	0.67		-89 na
3	low-flow cell	na	15.55	1,256	6.89	0.57		-82 na
4	low-flow cell	na	15.52	1,255	6.89	0.50		-84 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2035D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/12/01	1045

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ 035 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1015	45°	Sunny	Low	Slight	SW	DRY

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	Depth to Water (feet)
1	low-flow cell	na	15.70	1,225	6.86	0.78	clear	~25 na
2	low-flow cell	na	15.71	1,224	6.87	0.65		~26 na
3	low-flow cell	na	15.71	1,225	6.86	0.56		~27 na
4	low-flow cell	na	15.70	1,225	6.84	0.56		~27 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ 035 I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1025

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW 036 S	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0915	45	Sunny	Low	Single	SW	DRY

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	14.69	1,312	6.81	3.61	clear	-49 na
2	low-flow cell	na	14.69	1,307	6.82	3.60		-49 na
3	low-flow cell	na	14.65	1,306	6.82	3.60		-50 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW036S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	0940

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2C36D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0915	45	Sunny	Cool	Single	Sw	DRY

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.15	1,074	6.86	4.58	clear	-64 na
2	low-flow cell	na	15.19	1,068	6.87	4.46	↓	-63 na
3	low-flow cell	na	15.21	1,066	6.88	4.43	↓	-64 na
4	low-flow cell	na	~~14.16~~	1.				na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2C36D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	0925

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2036I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0915	45°	Sunny	Low	Single	SW	Dry

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	14.81	1,175	6.90	2.17	clear	-58 na
2	low-flow cell	na	14.81	1,189	6.92	0.95		-78 na
3	low-flow cell	na	14.81	1,175	6.92	0.87		-80 na
4	low-flow cell	na	14.79	1,175	6.92	0.83		-82 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2036I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	0925

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW 037 S
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/17/01 ~~MW037 S~~
LOCATION: 1600 Webster Street		Inspectors: DVS
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1045	45	Sunny	Low	45 mph	SW	Dry

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	17.71	904	7.06	4.20	clear	-26 na
2	low-flow cell	na	17.84	903	7.02	4.10		-27 na
3	low-flow cell	na	17.84	903	7.02	4.07		-29 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW037 S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1115

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ037D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1045	45	Sunny	Low	Slight	SW	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.20	1,243	6.89	1.15	turbid	-96 na
2	low-flow cell	na	16.16	1,242	6.91	0.78	brown	-103 na
3	low-flow cell	na	16.15	1,240	6.92	0.66	↓	-105 na
4	low-flow cell	na	16.15	1,241	6.92	0.58		-106 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ037D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1100

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ037 I
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/17/01
LOCATION: 1600 Webster Street		Inspectors: DVS
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1045	45°	Sunny	Low	Slight	SW	DRY

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.59	1,540	6.79	0.77	clear	-63 ~~na~~
2	low-flow cell	na	16.51	1,550	6.79	0.49	↓	-63 ~~na~~
3	low-flow cell	na	16.56	1,550	6.79	0.40	↓	-62 ~~na~~
4	low-flow cell	na	16.57	1,550	6.79	0.35	↓	-62 ~~na~~
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ037I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	1100

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** MW0385	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0830	45	Sunny	Low	Single	SW	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.15	1,074	6.86	4.56	clear	-64 na
2	low-flow cell	na	15.19	1,068	6.87	4.46		-63 na
3	low-flow cell	na	15.21	1,066	6.88	4.43		-64 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0385	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	0855

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ038D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/17/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0830	45°	Sunny	Low	Single	SW	Dry

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.11	1,259	6.92	1.60	clear	69 na
2	low-flow cell	na	15.10	1,253	6.94	1.29	↓	67 na
3	low-flow cell	na	15.10	1,250	6.95	1.20	↓	65 na
4	low-flow cell	na	15.04	1,248	6.95	1.11	↓	64 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ038D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/17/01	0840

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** PZ038I
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date: 10/17/01
LOCATION: 1600 Webster Street		Inspectors: DVS
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0830	45°	Sunny	Low	Single	SW	Dry

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~
1	low-flow cell	na	15.24	1,220	6.60	0.71	clear	-67 na
2	low-flow cell	na	15.23	1,221	6.62	0.49	↓	-66 na
3	low-flow cell	na	15.24	1,218	6.63	0.40		-67 na
4	low-flow cell	na	15.19	1,221	6.64	0.34		-67 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ038I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	0845

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:**	MW0395
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1000	50°	Rainy	High	20 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	17.56	1,294	6.90	0.75	Turbid	-91 na
2	low-flow cell	na	17.57	1,295	6.89	0.54		-93 na
3	low-flow cell	na	17.58	1,296	6.89	0.44		-94 na
4	low-flow cell	na	17.57	1,299	6.89	0.38		-94 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0395	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1015

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2039D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1000	50°	Rainy	High	20 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	ORP ~~Depth to Water (feet)~~
1	low-flow cell	na	16.65	1,276	6.88	0.37	Turbid	-117 na
2	low-flow cell	na	16.62	1,272	6.90	0.27	↓	-117 na
3	low-flow cell	na	16.59	1,265	6.91	0.22	↓	-119 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2039D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1000

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2039I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
10:00	50°	Rainy	High	20mph	SW	wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.94	1,077	6.86	0.78	fo.bid	-129 na
2	low-flow cell	na	16.86	1,080	6.86	0.47		-129 na
3	low-flow cell	na	16.88	1,078	6.87	0.39		-129 na
4	low-flow cell	na	16.84	1,078	6.87	0.32		-129 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2039I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	1015

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:**	MW0405
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0345	50°	Rainy	High	20 mph	SW	wet

MONITORING

Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.70	1,003	6.81	0.36		-110 na
2	low-flow cell	na	16.15	1,001	6.81	0.44		-111 na
3	low-flow cell	na	16.70	1,002	6.81	0.32		-112 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW0405	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	0900

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2040D	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0845	50	Rainy	High	20mph	SW	Wet

MONITORING Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	15.88	1,042	6.98	2.90	turbid	-125 ~~na~~
2	low-flow cell	na	15.84	1,039	6.99	1.65		-141 ~~na~~
3	low-flow cell	na	15.81	1,037	6.94	1.20		-141 ~~na~~
4	low-flow cell	na	15.80	1,037	6.98	1.11		-148 ~~na~~
5	low-flow cell	na	15.81	1,038	6.99	1.06		na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2040D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	0855

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** P2 040 I	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/16/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
0845	50°	Rainy	High	20 mph	SW	wet

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1	2	3	4	5	6	7
Total Depth (feet)	*Depth to* Water (feet)	*Column of Standing* Water in Well (feet) (1-2)	Well Diameter Factor	*Volume in* Gallons (3x4)	*Number of* Well Volumes to be Evacuated	*Total Volume to* be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	16.13	1,105	6.78	0.42	turbid	-113 na
2	low-flow cell	na	16.09	1,103	6.79	0.31	↓	-113 na
3	low-flow cell	na	16.11	1,103	6.80	0.27	↓	-113 na
4	low-flow cell	na						na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2 040 I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/16/01	0845

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** YGQP2001240	**WELL #:** AS	
PROJECT: Dayton Thermal Products, October 2001 Ground-water Sampling		Date:	10/15/01
LOCATION: 1600 Webster Street		Inspectors:	DVS
Dayton, Ohio		Pump #:	dedicated
		Bladder #:	dedicated
		Bailer Type:	low flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions
1415	70°	Inside	–	–	–	DRY

MONITORING	
Instrument	Model No.
Solinst	LBG ORS #3
D.O. Meter	flow cell
pH/Cond Meter	flow cell
Temperature	flow cell

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	na

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	Turbidity (visual)	~~Depth to Water (feet)~~ ORP
1	low-flow cell	na	21.68	1,262	6.92	0.68		-98 ~~na~~
2	low-flow cell	na	21.68	1,261	6.93	0.46		-96 na
3	low-flow cell	na	21.68	1,261	6.93	0.39		-94 na
4	low-flow cell	na	21.67	1,264	6.93	0.32		-92 na
5	low-flow cell	na						na

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
AS	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	10/15/01	1425

Samples collected by Test America, Dayton, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

Rev. 1 by LBG, Jan 2001

S:\TECH\3CHRY\DAYTON\ANALYTIC\WATER
GW_sampling_record.xls, Sheet1

EPA Region 5 Records Ctr.
350077

Request for Analysis

CURRENT STATUS

RFA Number:	**LBG02012**
Current Step:	Step 5. Results
Action Due from:	Laboratory
Awaiting Action since:	04/05/2002 03:21 PM EST

PROJECT INFORMATION

Charge Unit:	SC001		
Site Name & Event:	Dayton Thermal, 1st Quarter GW Sampling		
Site Address:	1600 Webster Street, P.O. Box 1205		
City:	Dayton		
State:	OH		
Zip:	45401		
Lead Regulatory Agency:	Ohio EPA		
Project Type:	Remediation		
Anticipated Start Date:	03/25/2002	**Anticipated Completion Date:**	03/28/2002

Comments:
This project involves conducting the first quarter (March 2002) onsite and offsite routine ground-water sampling. Bottles need to arrive on Saturday March 23 so sampling can begin promptly Monday AM March 25th.

PROJECT MANAGEMENT CONTACTS

DaimlerChrysler Project Manager:	Gary Stanczuk
E-mail address:	gms9@DaimlerChrysler.com
Address:	CIMS 482-00-51, 800 Chrysler Drive
City:	Auburn Hills
State:	MI
Zip:	48326-2757
Project Manager Phone:	248-576-7365
Project Manager Pager:	
Project Manager FAX:	248-576-7369

Engineering Firm Proj Mgr:	Ken Vogel
E-mail address:	kvogel@lbgmn.com
Engineering Firm Name:	Leggette Brashears & Graham
Address:	1210 West County Rd. E, Ste 700
City:	St. Paul
State:	MN
Zip:	55112
Project Manager Phone:	(651) 490-1405, ext. 202
Project Manager Pager:	Cell: (612) 810-9980
Project Manager FAX:	(651) 490-1006

Laboratory Proj Mgr:	Kathy Klinefelter
E-mail address:	kaklinefelter@lancasterlabs.com
Laboratory Name:	Lancaster
Laboratory VCN:	79030
Address:	2425 New Holland Pike
City:	Lancaster
State:	PA
Zip:	17601-5994
Project Manager Phone:	(717) 656-2300
Project Manager Pager:	
Project Manager FAX:	(717) 656-6766

DATA DELIVERABLES & REQUIREMENTS

Deliverables Type: Level 1 - 14 days
Preservation: Prepreserved
Ship Bottles To:
David Strand - Guest of Hotel
Holiday Inn - Dayton North
2301 Wagner Ford Road
Dayton, OH 45414
(937) 278-4871
Bottles need to arrive on Saturday March 23 so sampling can begin promptly Monday AM March 25th.
Ship Data To:
Rob Stenson & Lisa Smith. We have changed Engineering Firms, Earth Tech is now responsible for the Dayton work. This data should not be sent to Ken Vogel. GMS 4-3-02.

List special regulatory requirements or detection limits needed:
Ohio VAP Certified Laboratory is required. Low level concentrations need to be reported before high concentration samples are diluted. (Example: If TCE is reported above the detection limits requiring sample dilution, low level concentrations should still be reported for the other analyzed compounds. We request concentrations such as <5 ug/L for cis-DCE instead of <1,000 ug/L after the diluted run.)

Special Instructions:
Please provide laboratory DI water for field blanks. Three medium to large coolers should be provided so samples can be shipped daily.

PARAMETERS & ANALYTICAL METHODS REQUESTED

Save & Calculate

Analytical Parameter by Method (p/n) (TAT)	Aq Samp	Solid Samp	MS/MSD Sets	Trip Blnk	Fld Blnk	Fld Dup (s)	Fld Dup (aq)	Total	Recd Lab	Recd Eng
TCL VOC's by 5030B/5035/8260B (99-365-0004) (14 Days)	100	0	0	3	5	0	5	**113**	105	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0
	0	0	0	0	0	0	0	**0**	0	0

Sub-Contractor Information

(lab use only)
Any analyses need to be subcontracted? No
Has subcontracted lab been audited? No
Subcontract Parameters?

Subcontracting Lab Name:

Contact Name:
Contact Phone #:
Address:
City:
State:
Zip:

SubContractor Approved By:
SubContractor Approved On:

Additional Requests and Instructions:

APPROVALS & VERIFICATION

Step 1. RFA Created by Engineering Firm

Date Created:	03/06/2002 06:21 AM
Project Manager:	Ken Vogel
Date Completed:	03/12/2002 10:00 AM
Step 1 Completed By:	David Strand
RFA Number:	**LBG02012**

Comments:
dvs 3/12/02

Step 2. RFA Approved by DaimlerChrysler

Date In:	03/12/2002 10:00 AM
Project Manager:	Gary Stanczuk
Project Mgr. Approval:	Gary M Stanczuk
Date Proj. Mgr. Approved:	03/28/2002 09:10 AM EST
Manager Approval:	Michael J Curry
Date Manager Approved:	04/02/2002 04:38 PM EST
Date Out:	04/02/2002 04:38 PM EST

Comments:

Undo by: Raffi Bogosian(Reason: At the request of Gary M Stanczuk)

Step 3. RFA Accepted by Laboratory, Bottles Shipped

Date In:	04/02/2002 04:38 PM EST
Project Manager:	Kathy Klinefelter
Date Out:	04/03/2002 09:36 AM EST
Step 3 Completed By:	Katherine A Klinefelter

Comments:
Bottles shipped to arrive on Friday 3/22/02.

Step 3A. Chain of Custody Reconciliation

Date In:	04/03/2002 09:36 AM EST
Project Manager:	Kathy Klinefelter
Date Out:	04/03/2002 09:37 AM EST
Step 3A Completed By:	Katherine A Klinefelter

Comments:
65 samples received on 3/27/02 (LL#s 3795031-95). 40 samples received on 3/28/02 (LL#s 3795940-79).

Step 4. Release Issued by DaimlerChrysler

Date In:	04/03/2002 09:37 AM EST
Project Manager:	Gary Stanczuk
Release Detail Created On:	04/03/2002 03:33 PM EST
Level 2 Approval Required?:	No <== *Click here to determine if level 2 approval is required. (must be ran on server)*
Release Number:	YGQP0200152
PM Approval:	Gary M Stanczuk
Date PM Approved:	04/05/2002 01:16 PM EST
Level 1 Approval:	Michael J Curry

Date Level 1 Approved: 04/05/2002 03:21 PM EST
Level 2 Approval:
Date Level 2 Approved:
Comments:

☞ **Step 5. Results Issued by Laboratory**
Date In: 04/05/2002 03:21 PM EST
Project Manager: Kathy Klinefelter
Date Out:
Step 5 Completed By:
RFA Evaluated On: 04/05/2002 04:54:43 PM
Comments:
Ship data to Rob Stenson & Lisa Smith. We have changed Engineering Firms, Earth Tech is now responsible for the Dayton work. This data should not be sent to Ken Vogel. GMS 4-3-02.

Per Lisa Smith on 4/4/02, results not faxed since groups are so large. KAK,4/5/02.

Step 6. Results Verified by Engineering Firm
Date In:
Project Manager:
Date Out:
Step 6 Verified By:
Comments:

Step 7. Invoice Created by Laboratory
Date In:
Project Manager:
Date Out:
Step 7 Completed By:
Lab Invoice Number:
Lab Invoice Date:
Comments:

Step 8. Invoice Approved by DaimlerChrysler
Date In:
Project Manager:
Director Approval Required? No
Date Out:
Project Mgr. Approval By:
Project Mgr. Approved On:
Manager Approval By:
Manager Approved On:
Director Approval By:
Director Approved On:
Comments:

Step 9. Payment Received By Laboratory
Date In:
Project Manager:
Date Out:
Step 9 Completed By:
Comments:

DOCUMENT HISTORY

Document History:

Step 4. Release, step completed by Michael J Curry (04/05/2002 03:21 PM)
Step 3A. Reconciliation, step completed by Katherine A Klinefelter (04/03/2002 09:37 AM)
Step 3. RFA Acceptance, step completed by Katherine A Klinefelter (04/03/2002 09:36 AM)

Step 2. RFA Approval, step completed by Michael J Curry (04/02/2002 04:38 PM)
Step 2. RFA Approval, step undone by Raffi Bogosian (03/22/2002 02:10 PM)
Step 2. RFA Approval, step completed by Michael J Curry (03/22/2002 02:10 PM)
Step 1. RFA Creation, step completed by David Strand (03/12/2002 10:00 AM)
Document Composed by David Strand (03/06/2002 06:21 AM)

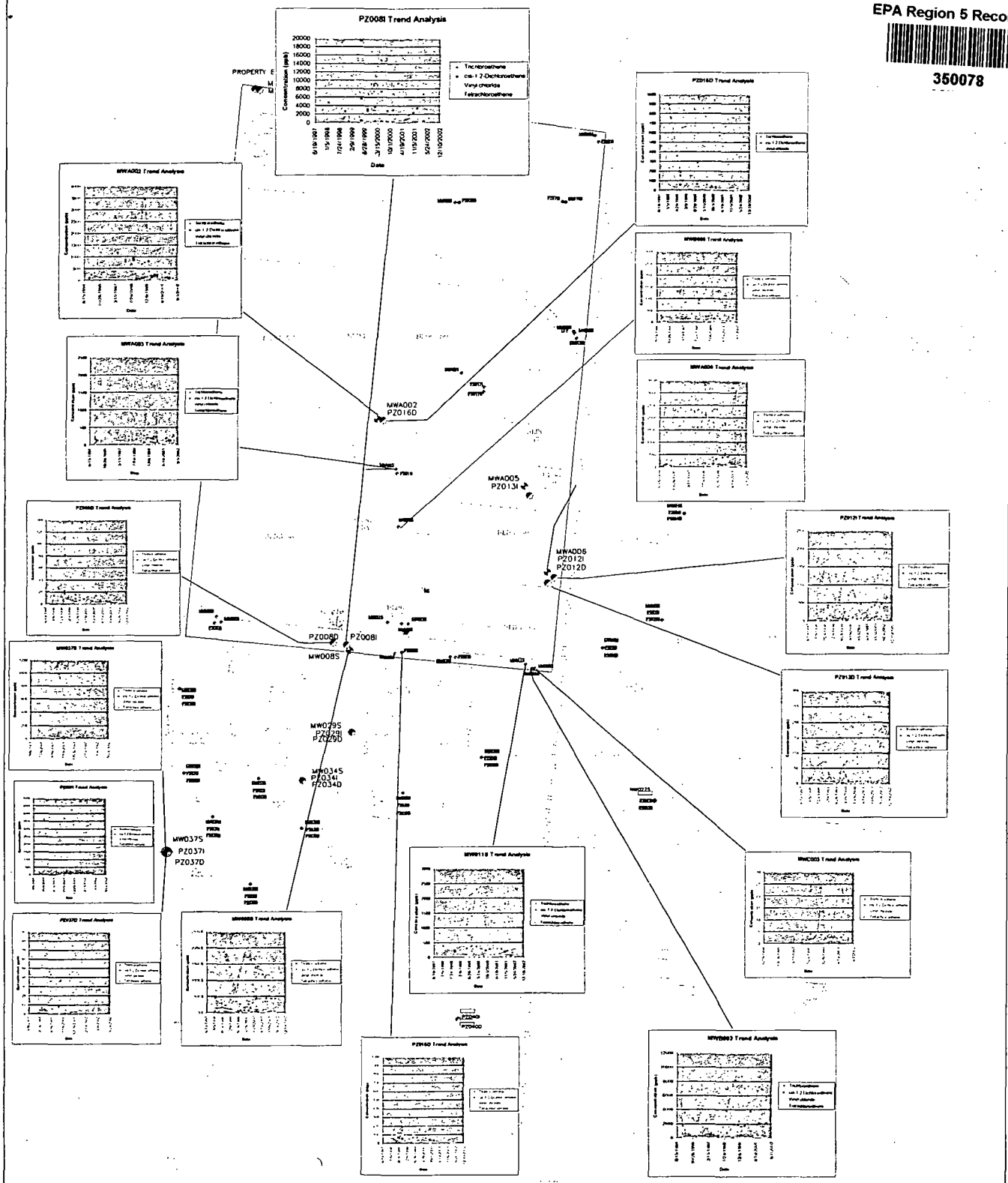
Comment Hisory:

Step 4. Release:
Step 3A. Reconciliation: Bottles shipped to arrive on Friday 3/22/02.
Step 3. RFA Acceptance:
Step 2. RFA Approval:
Undo by: Raffi Bogosian(Reason: At the request of Gary M Stanczuk)
Step 2. RFA Approval:
Undo by: Raffi Bogosian(Reason: At the request of Gary M Stanczuk)
Step 2. RFA Approval:
Step 1. RFA Creation: dvs 3/12/02

DOCUMENT INFORMATION

Date Created: 03/06/2002 06:20 AM **Created By:** David Strand	**Last Edited:** 04/05/2002 03:58:57 PM **Edited By:** Katherine A Klinefelter

EPA Region 5 Records Ctr.
350078

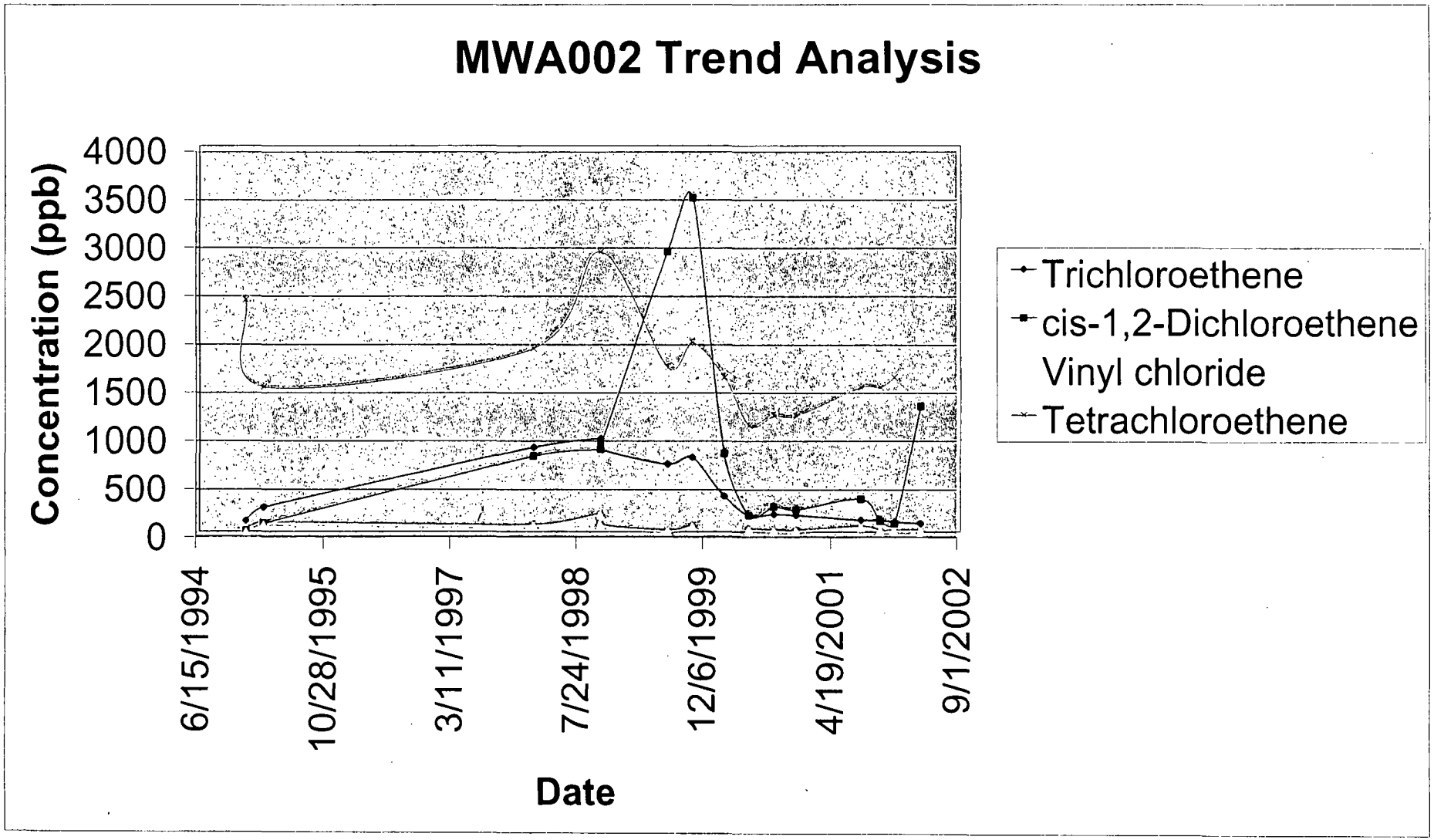


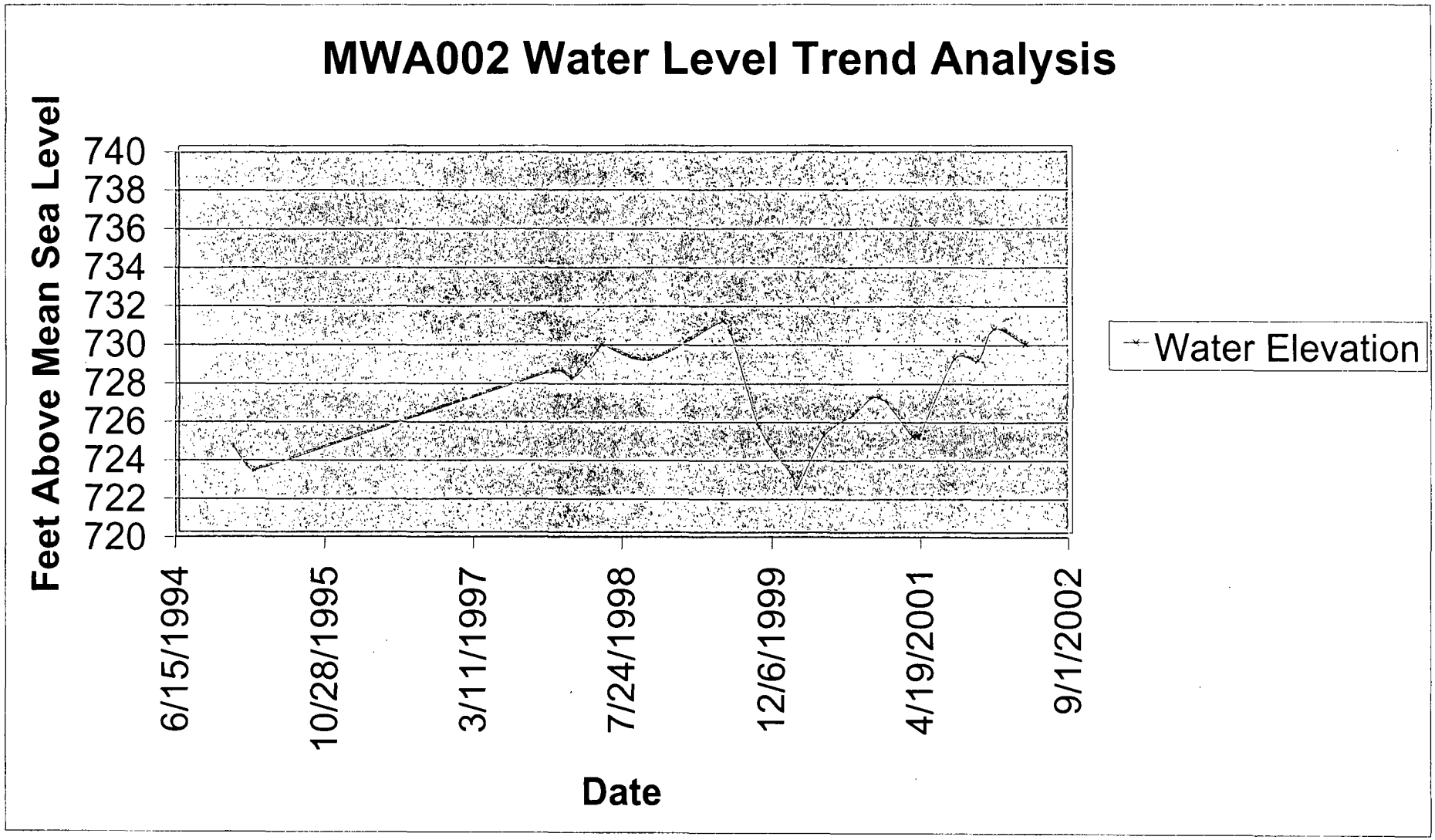
DATE	REVISED

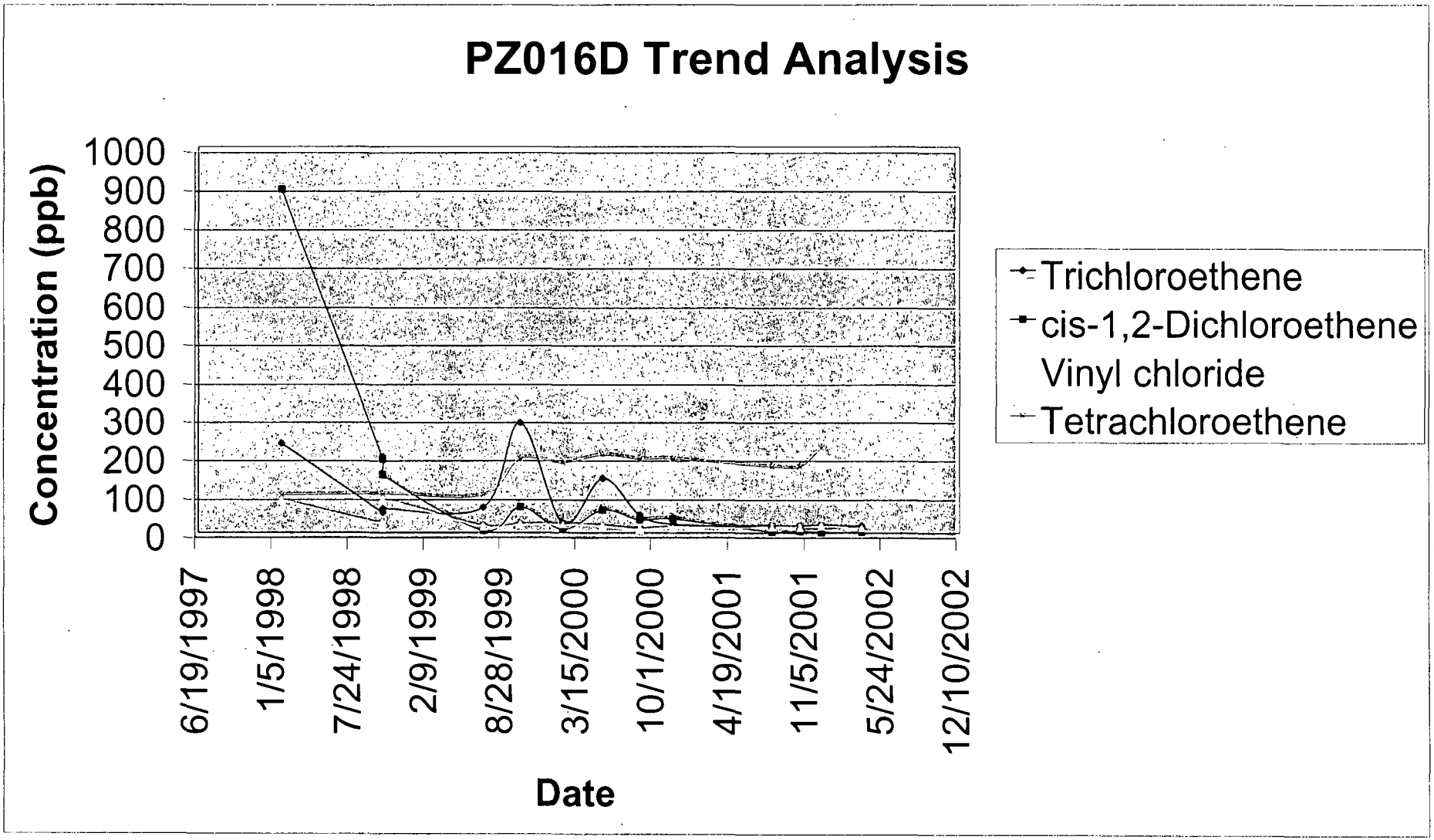
BASED ON DRAWING 3chda14c BY:
LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water and
Environmental Engineering Services
Northpark Corporate Center
1210 W. County Road E, Suite 700
St. Paul, MN 55112
(651) 490-1405

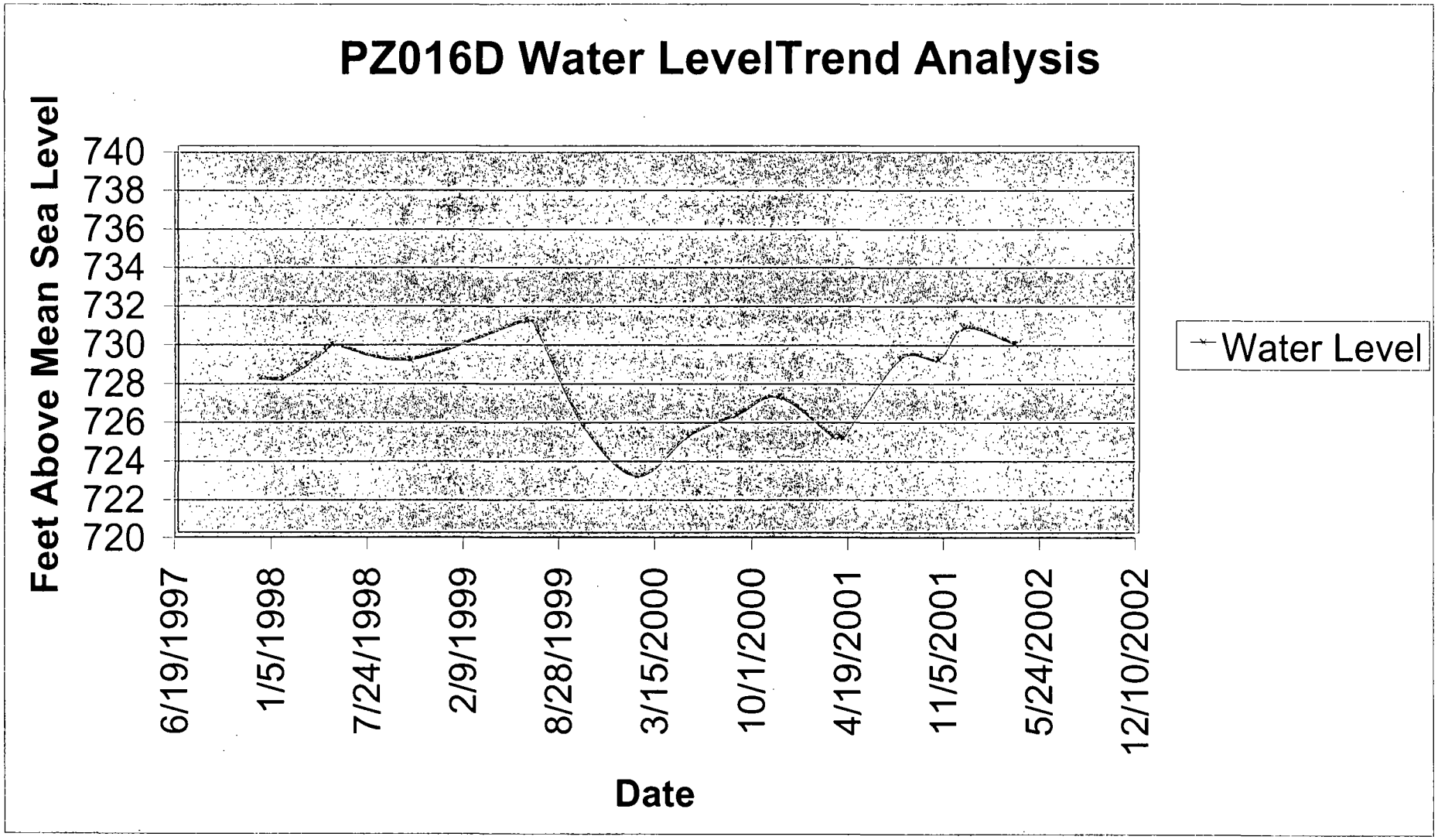
DAYTON THERMAL PRODUCTS
DAYTON, OHIO
TREND ANALYSIS FOR SELECT WELLS AND PIEZOMETERS

FILE: 3chda14c.dwg | DATE: JUNE 17, 2002 | PLATE OF


MWA002 Trend Analysis
Concentration (ppb)
4000
3500
3000
2500
2000
1500
1000
500
0
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene


MWA002 Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Water Elevation


PZ016D Trend Analysis
Concentration (ppb)
1000
900
800
700
600
500
400
300
200
100
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene


PZ016D Water LevelTrend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
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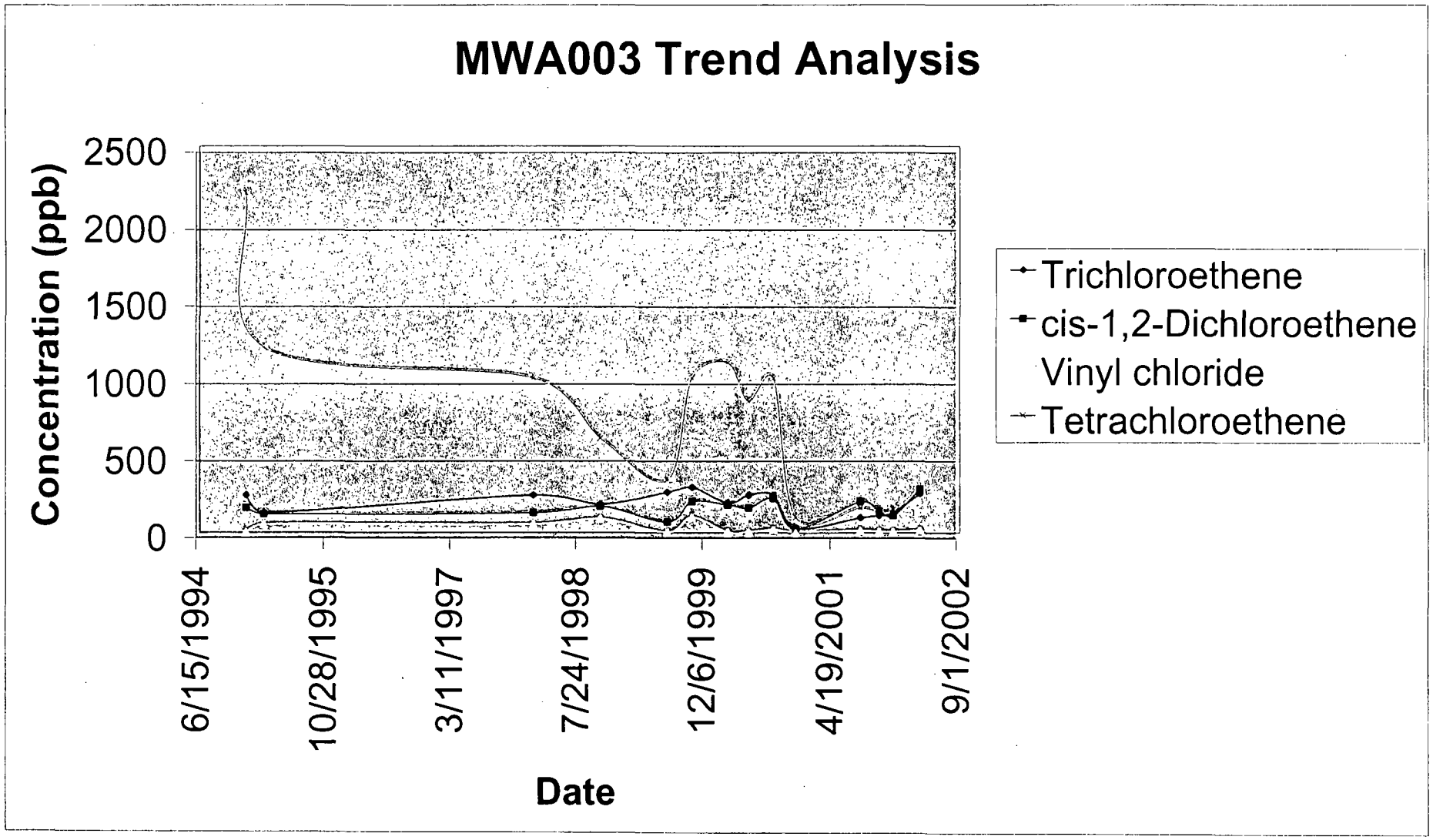
12/10/2002
Date
Water Level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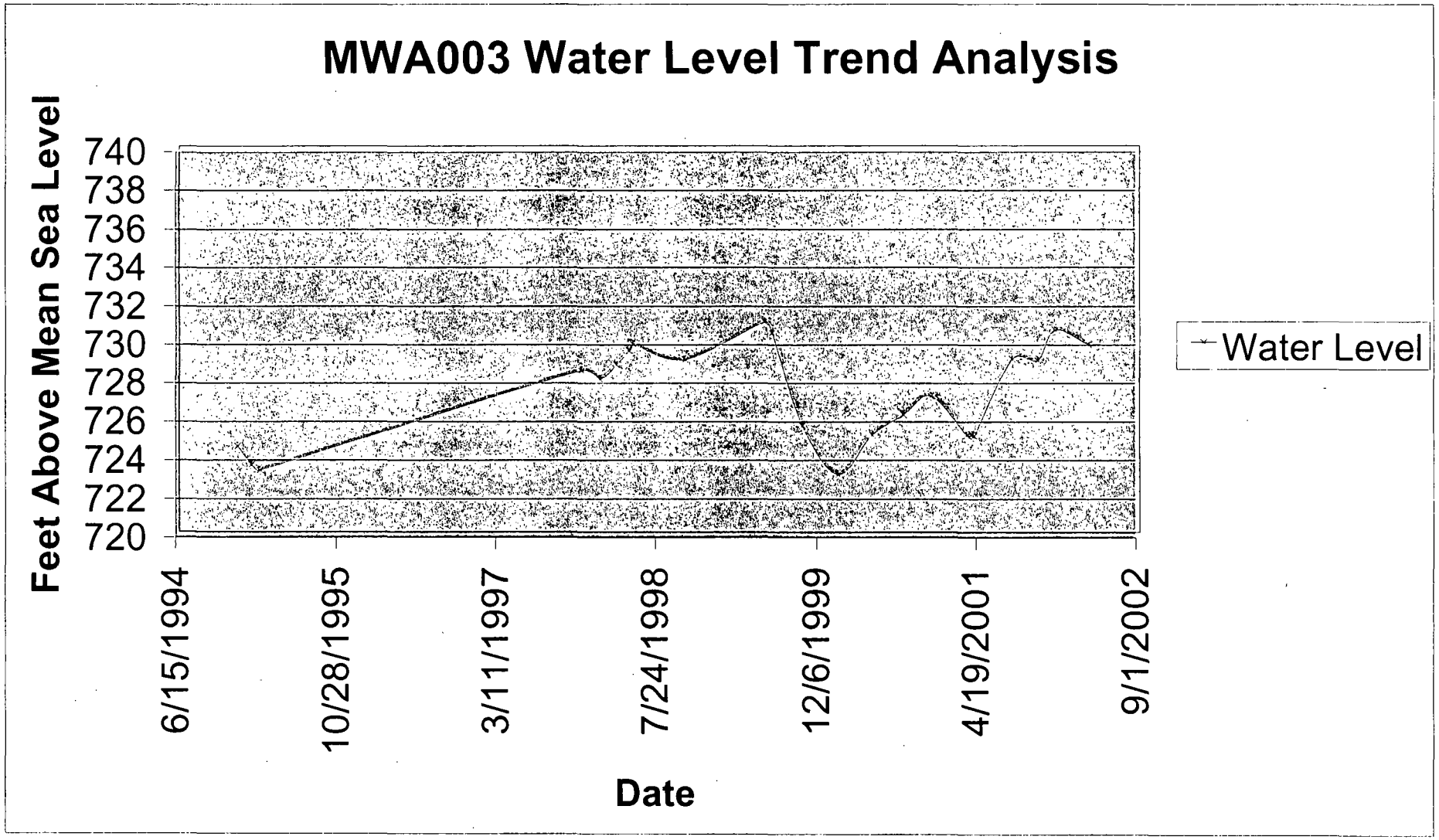
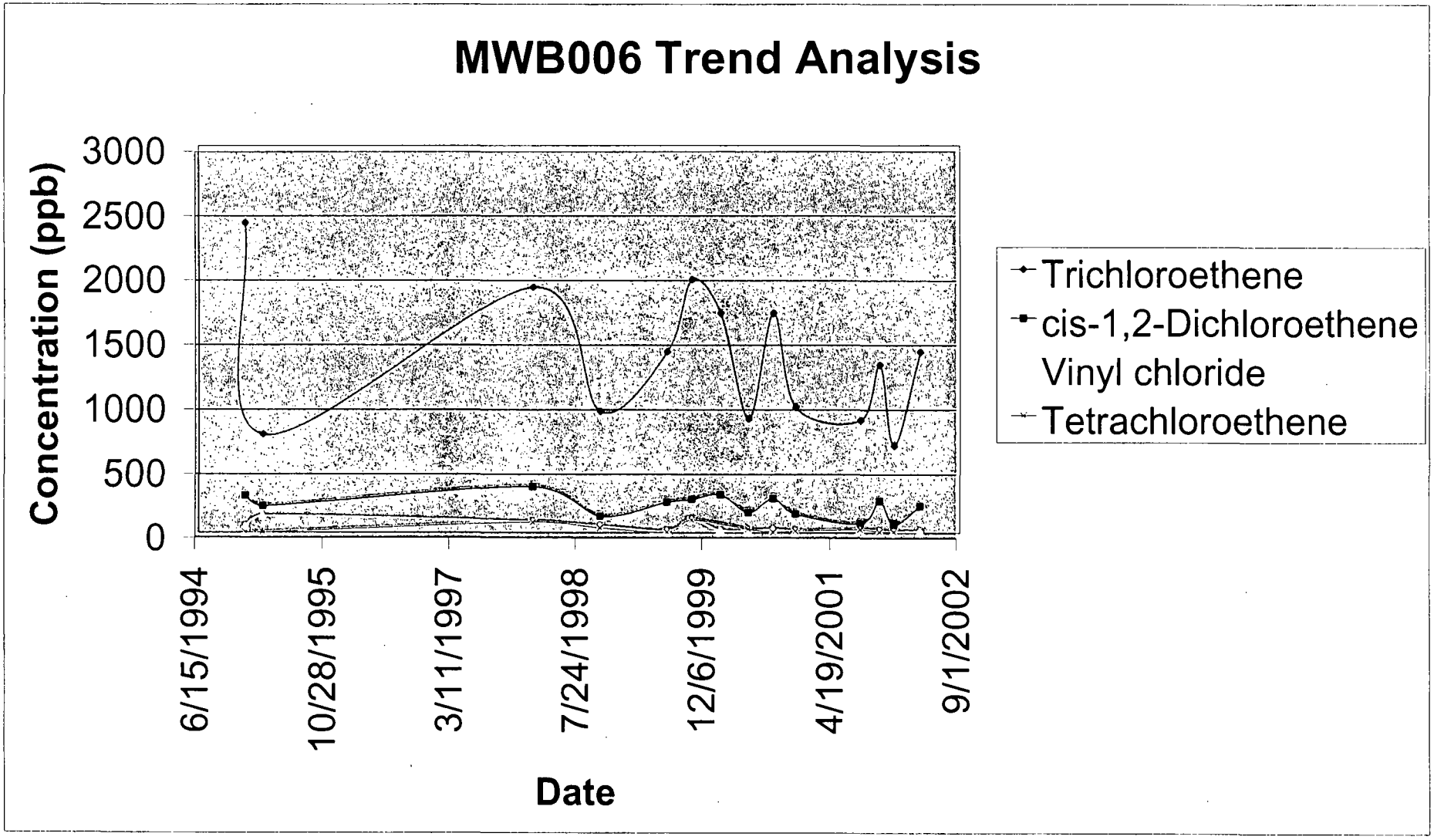
Concentration (ppb)
2500
2000
1500
1000
500
0
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene


MWA003 Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Water Level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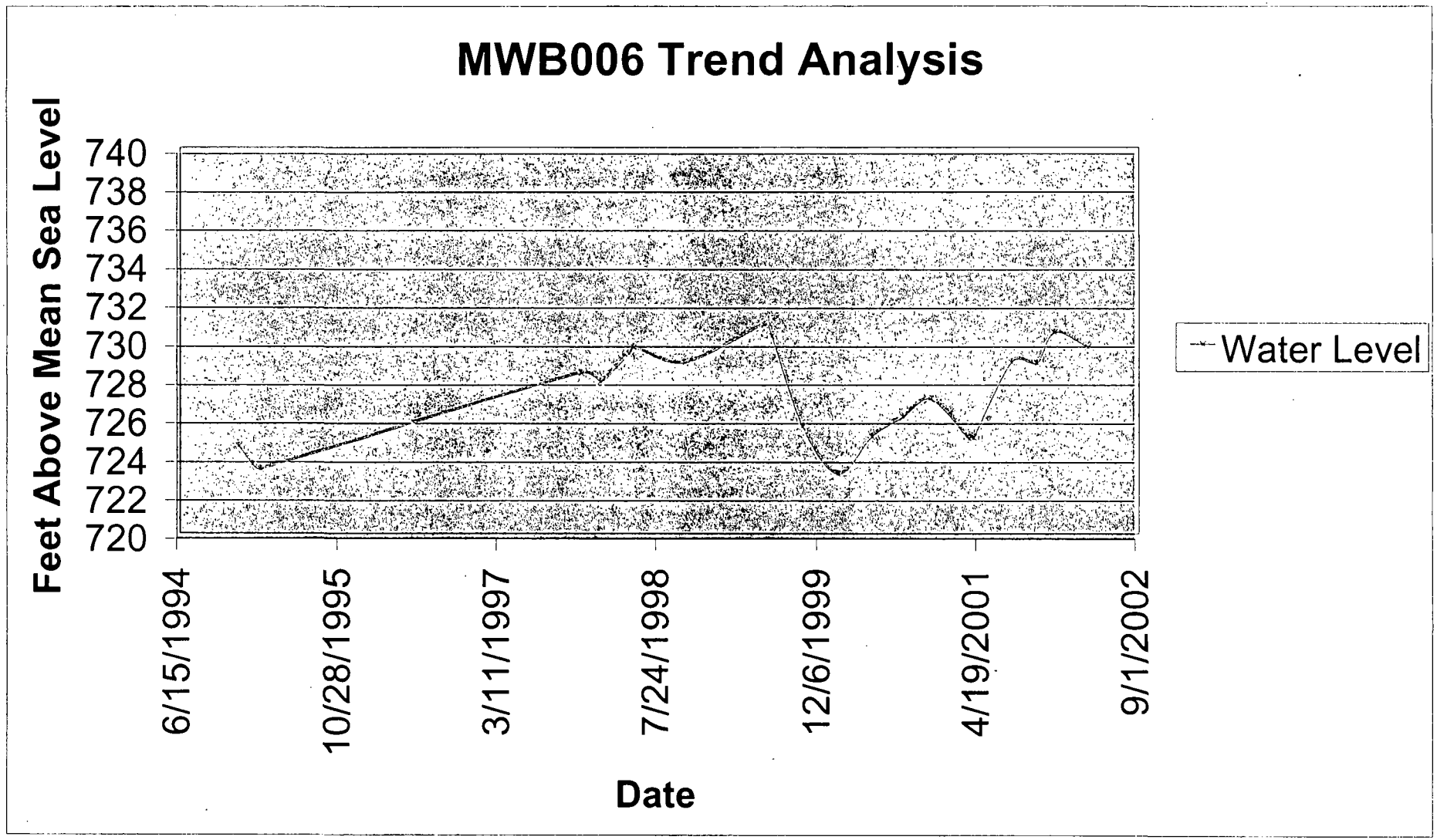
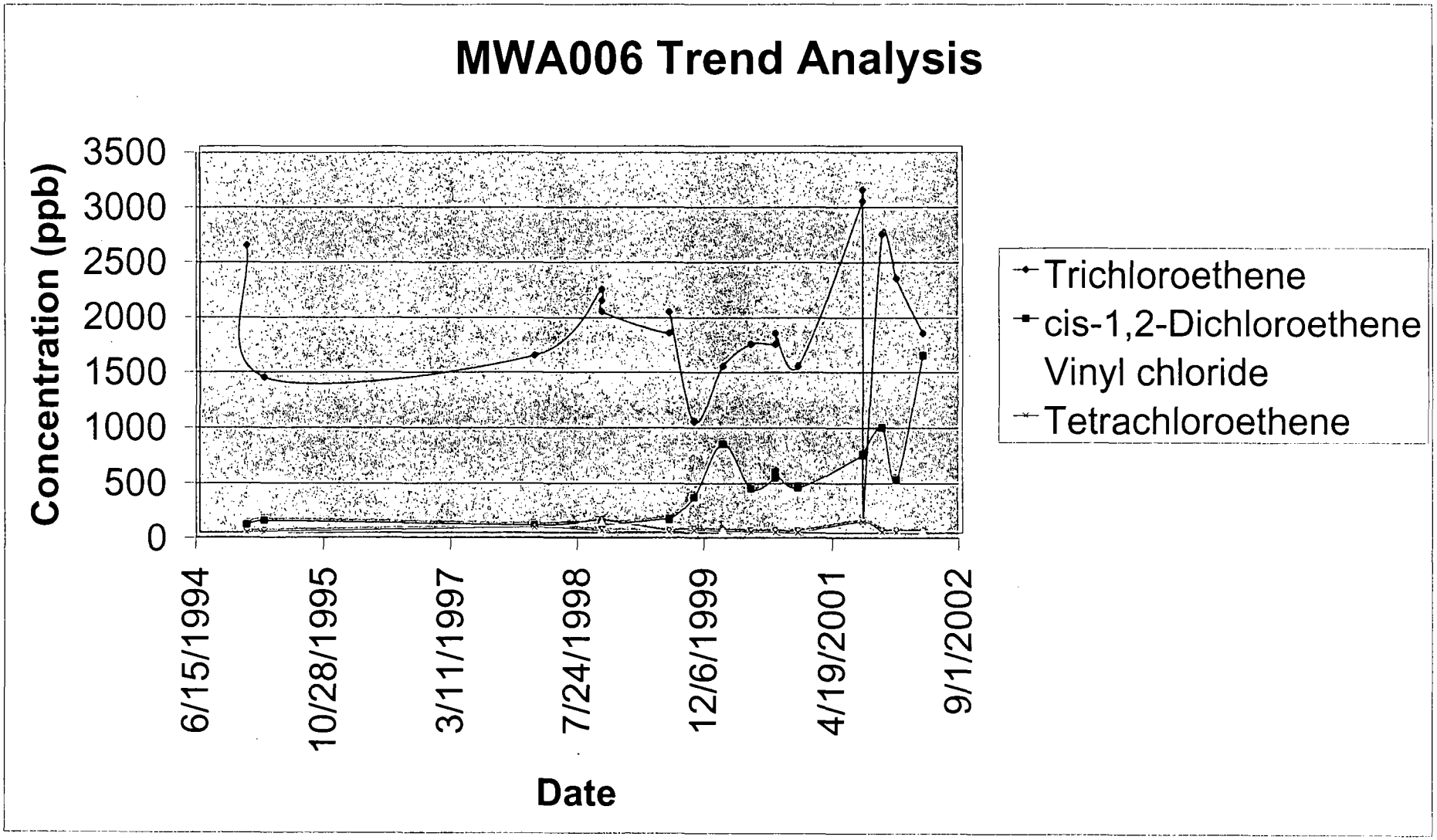
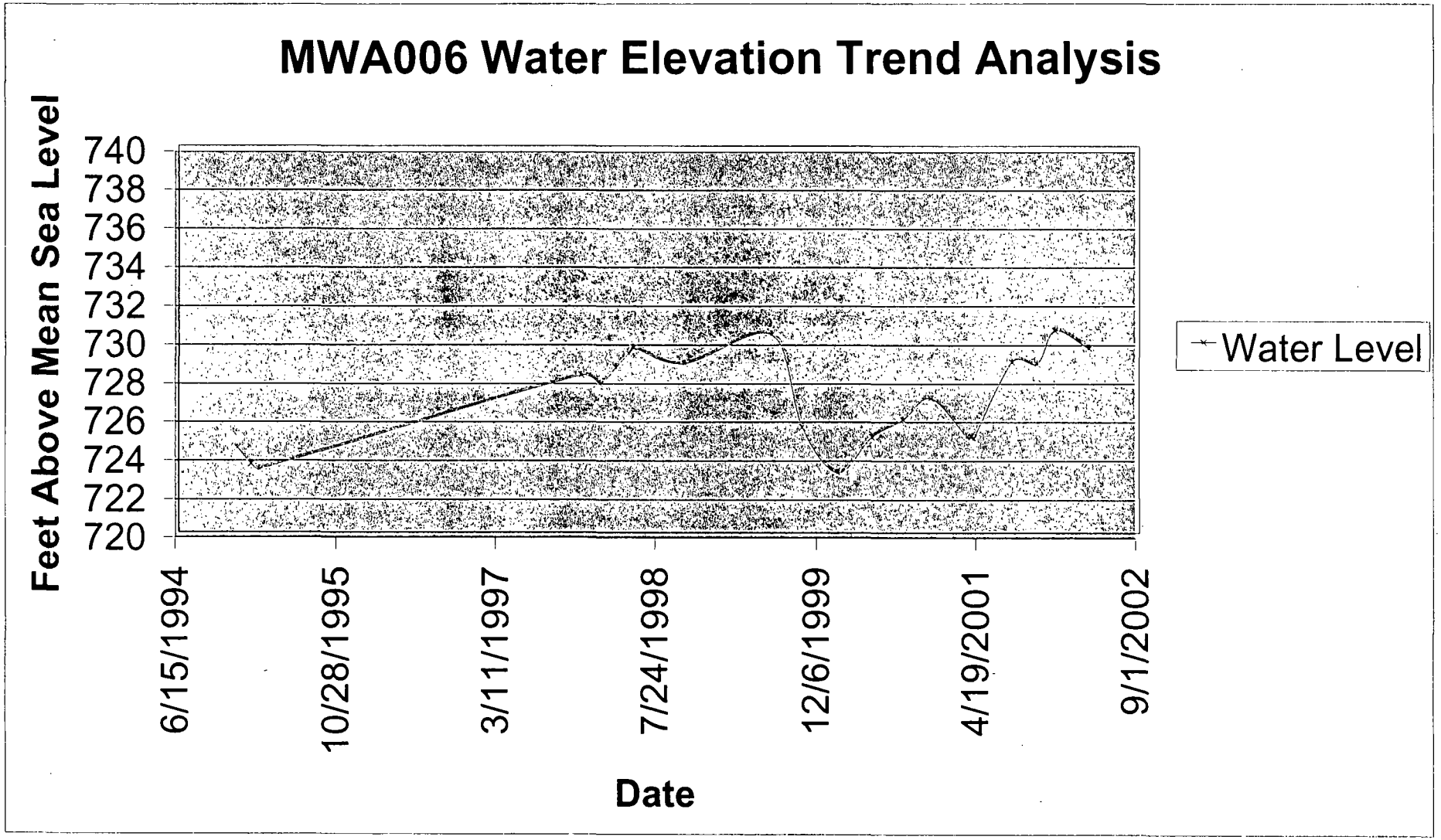
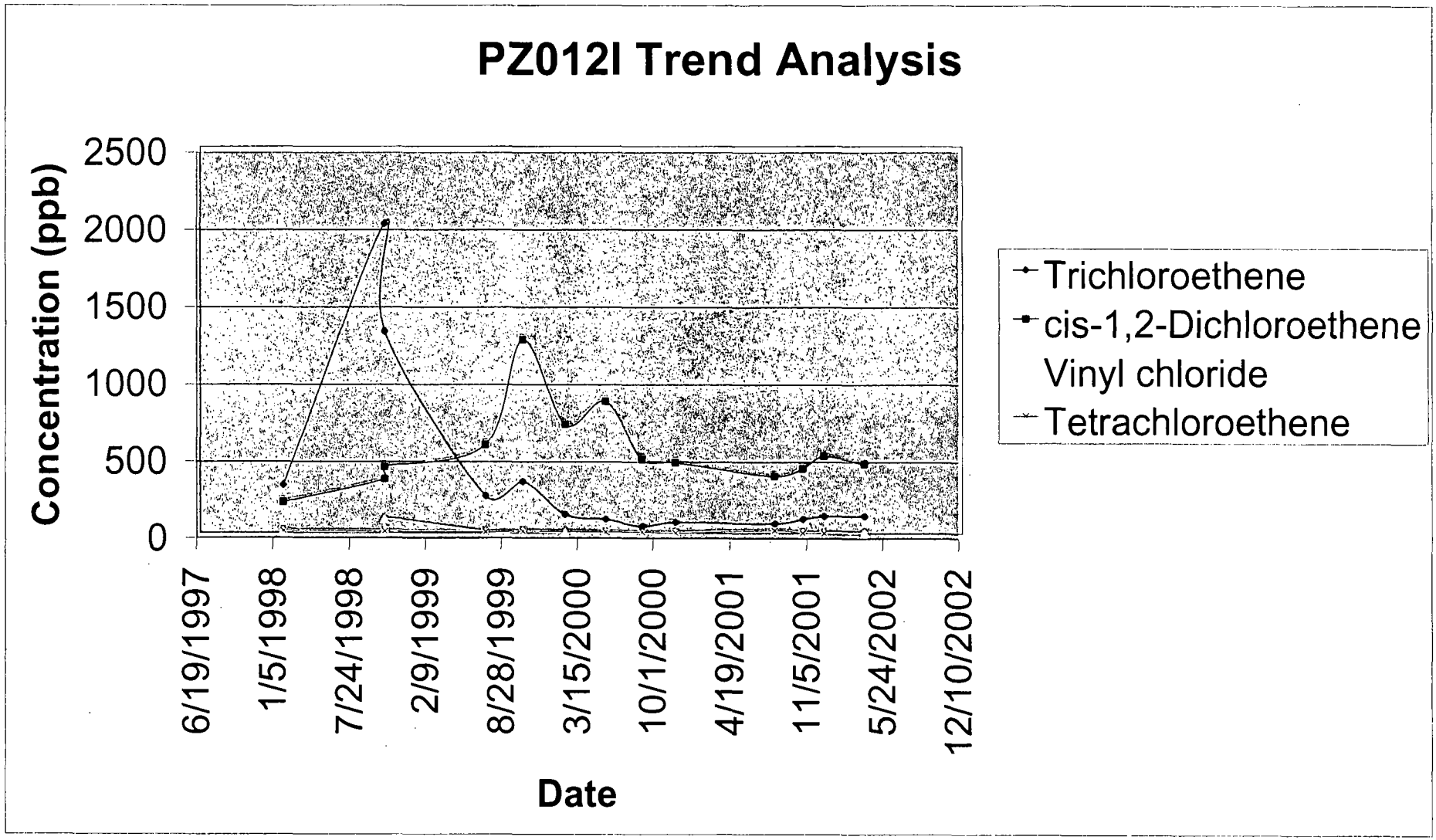
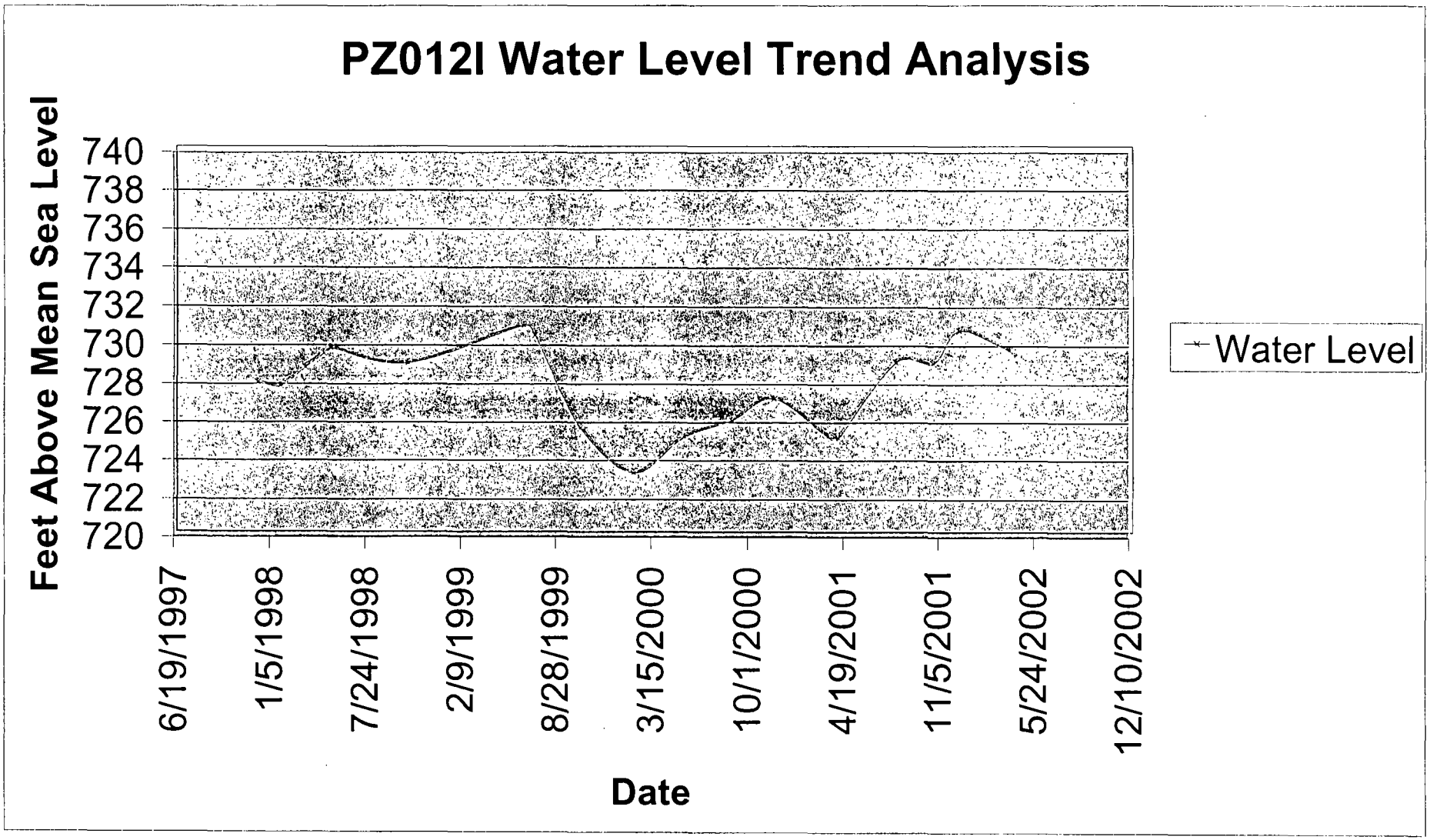
Concentration (ppb)
3000
2500
2000
1500
1000
500
0
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

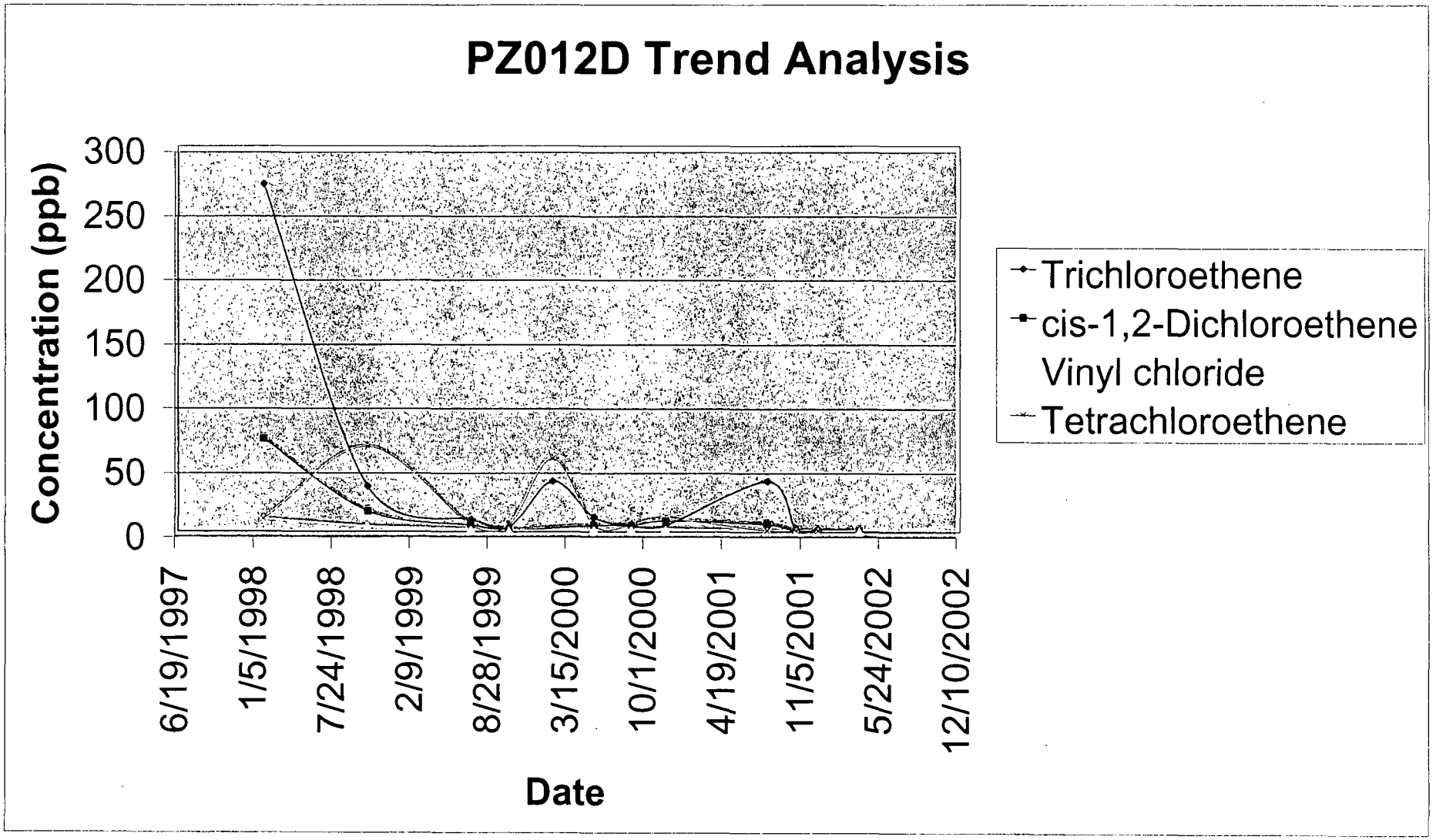

MWB006 Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Water Level

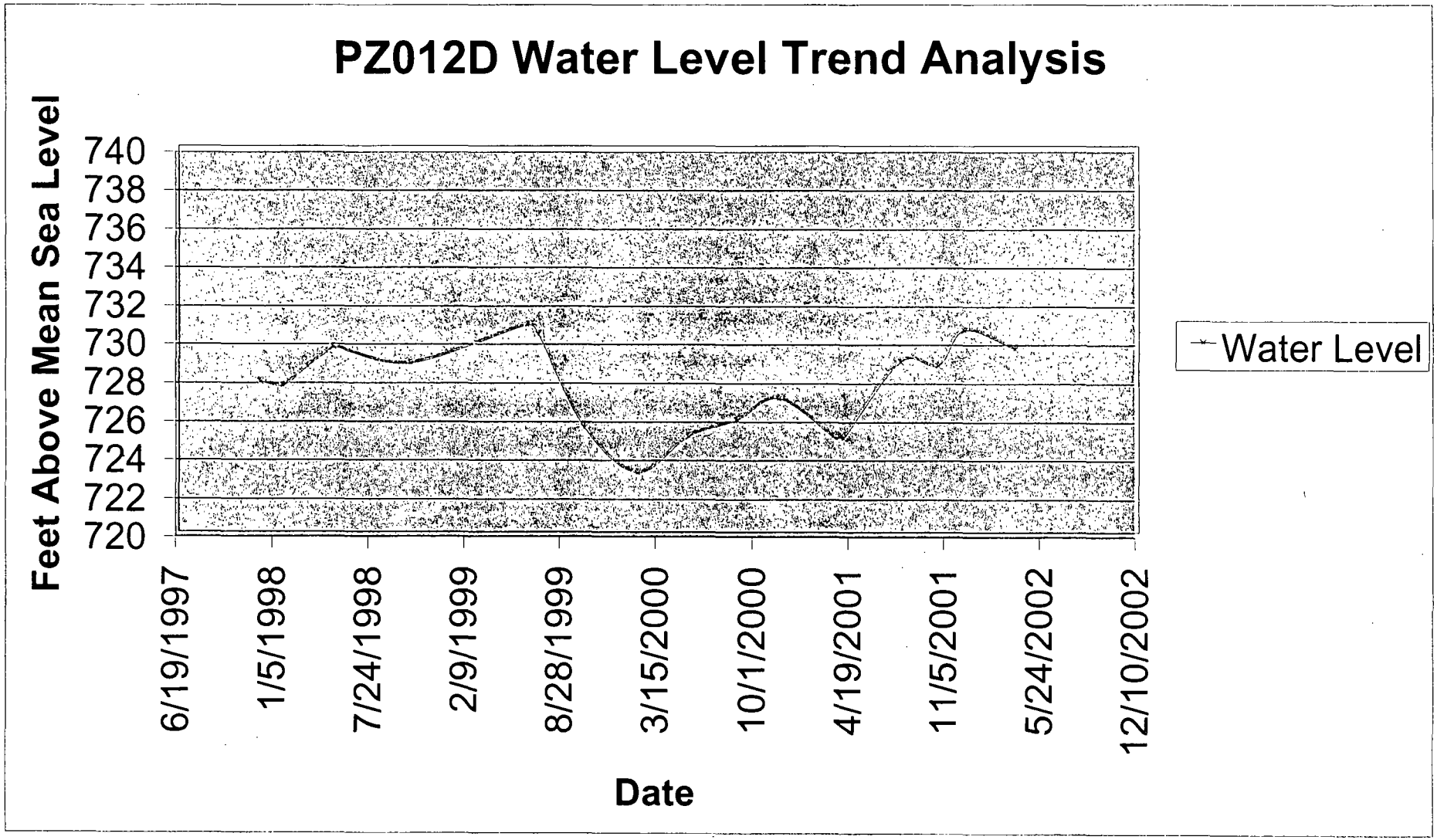

MWA006 Trend Analysis
Concentration (ppb)
3500
3000
2500
2000
1500
1000
500
0
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

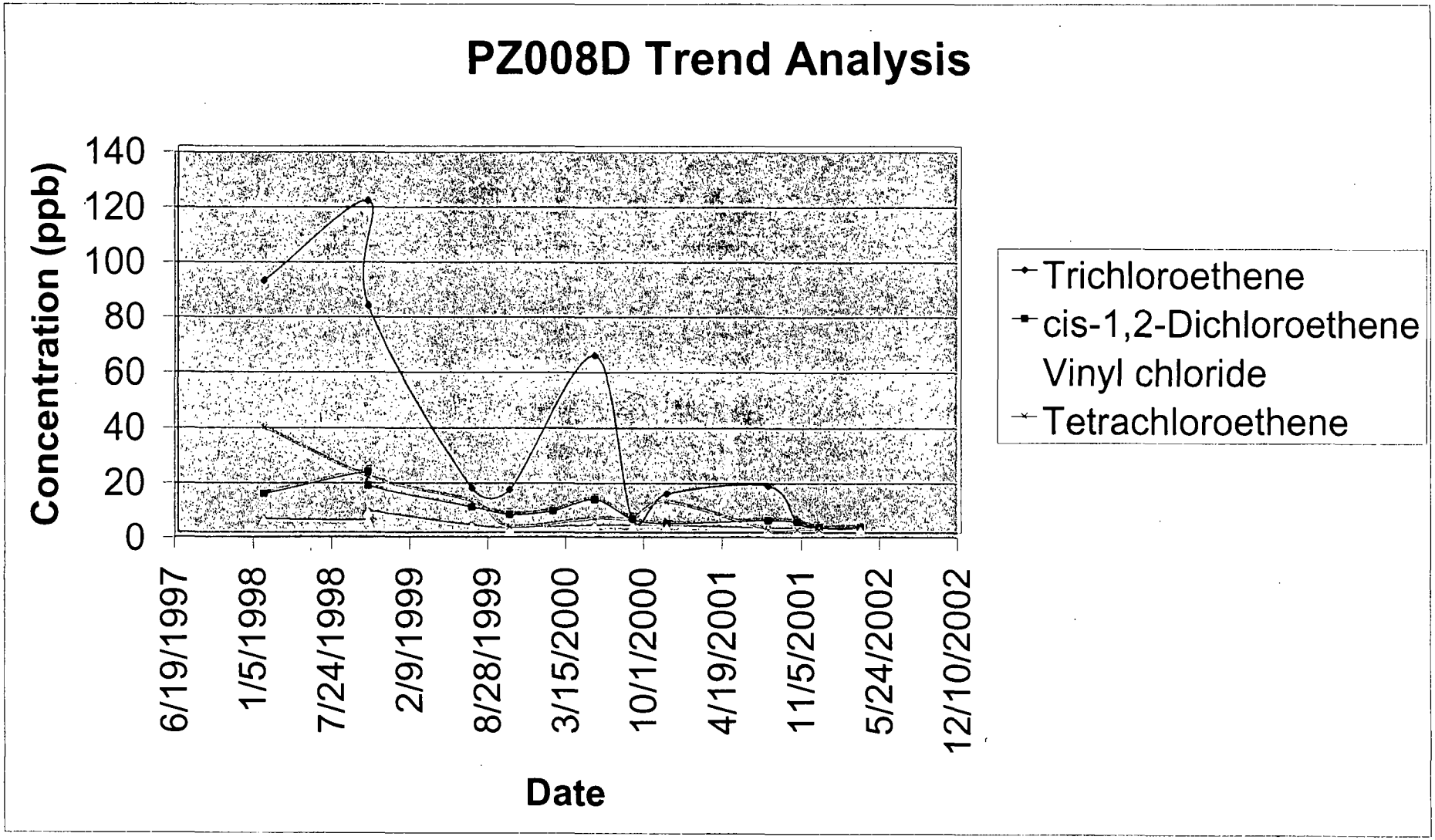

MWA006 Water Elevation Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Water Level

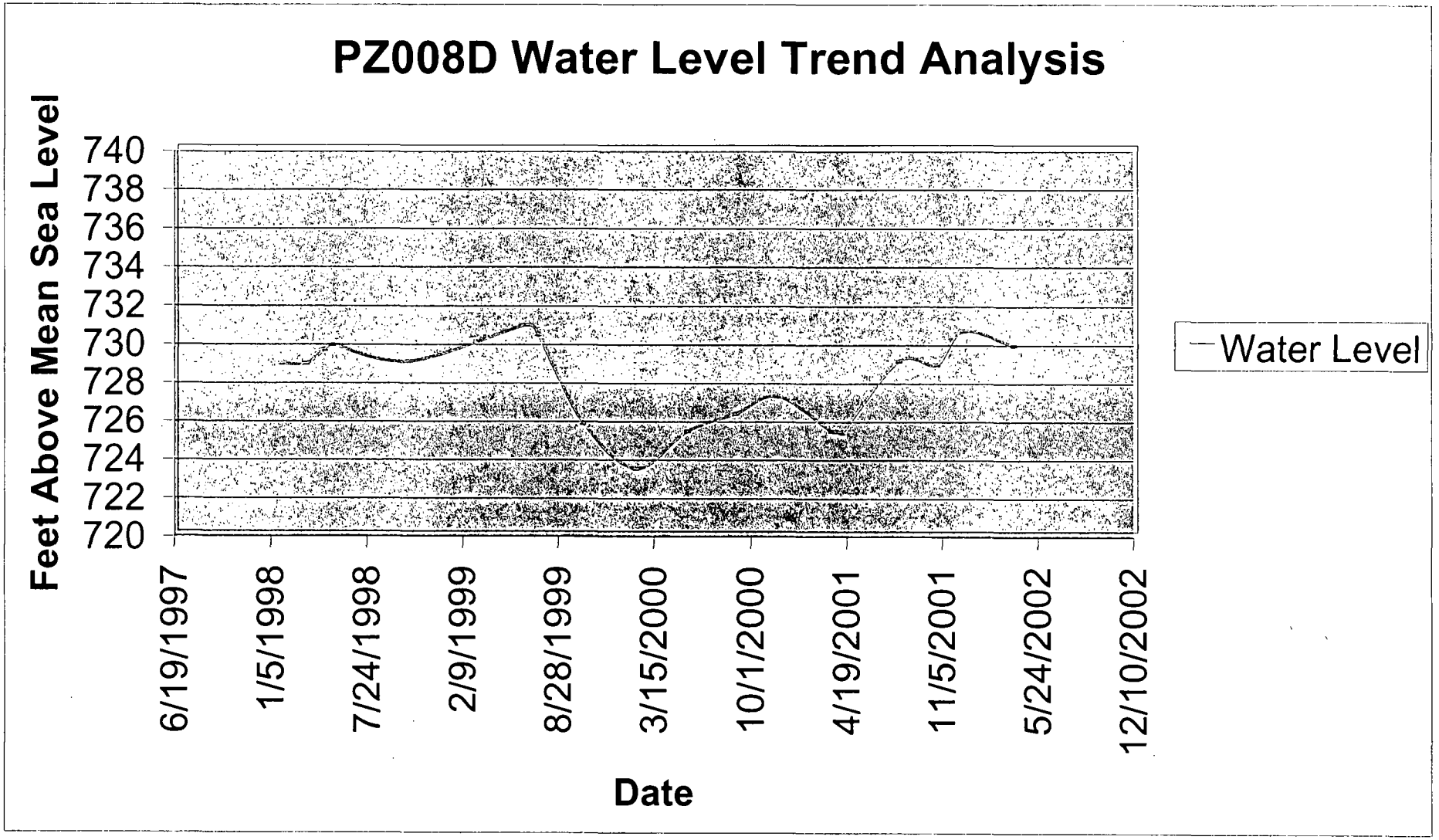

PZ012I Trend Analysis
Concentration (ppb)
2500
2000
1500
1000
500
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

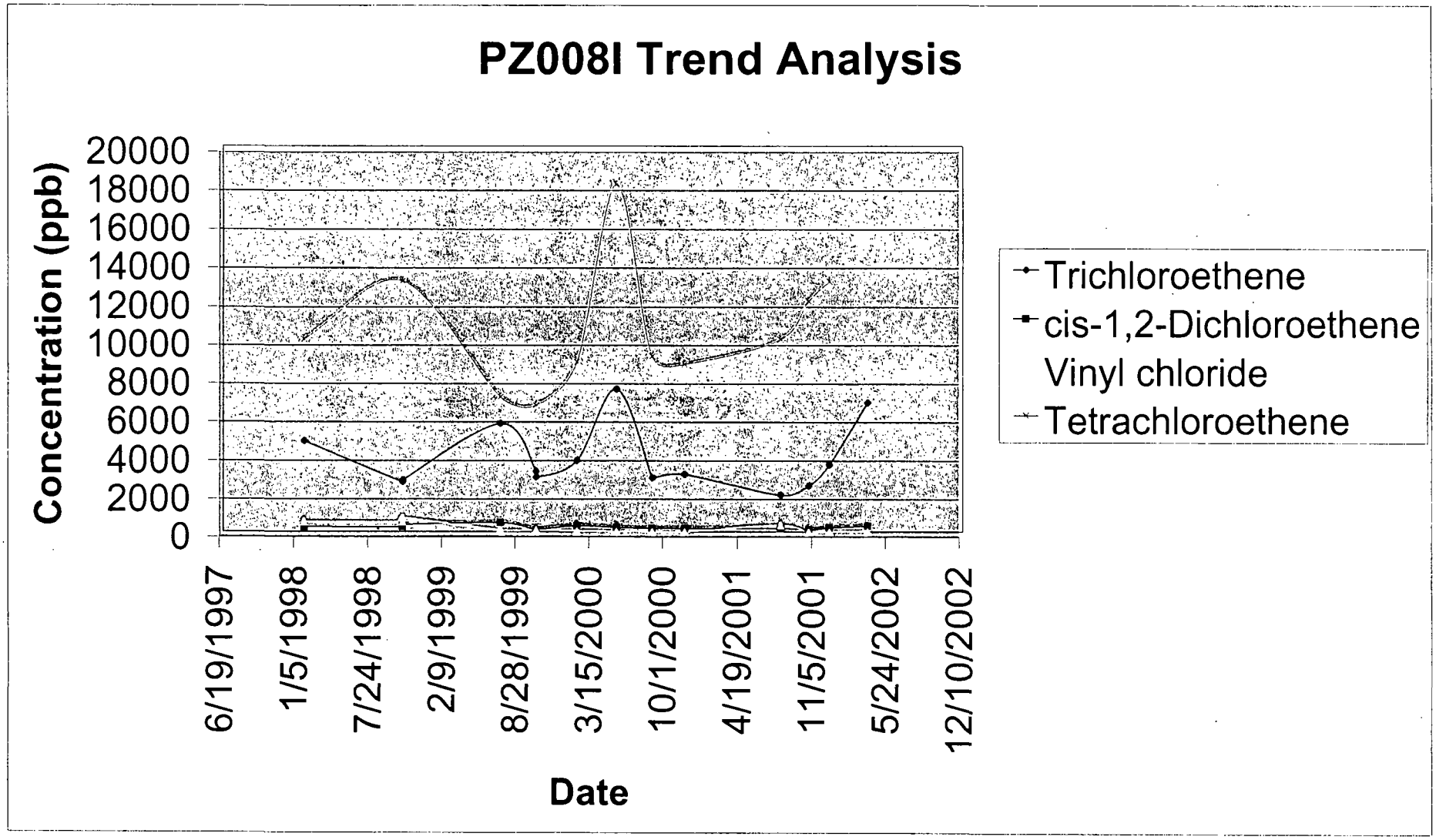

PZ012I Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

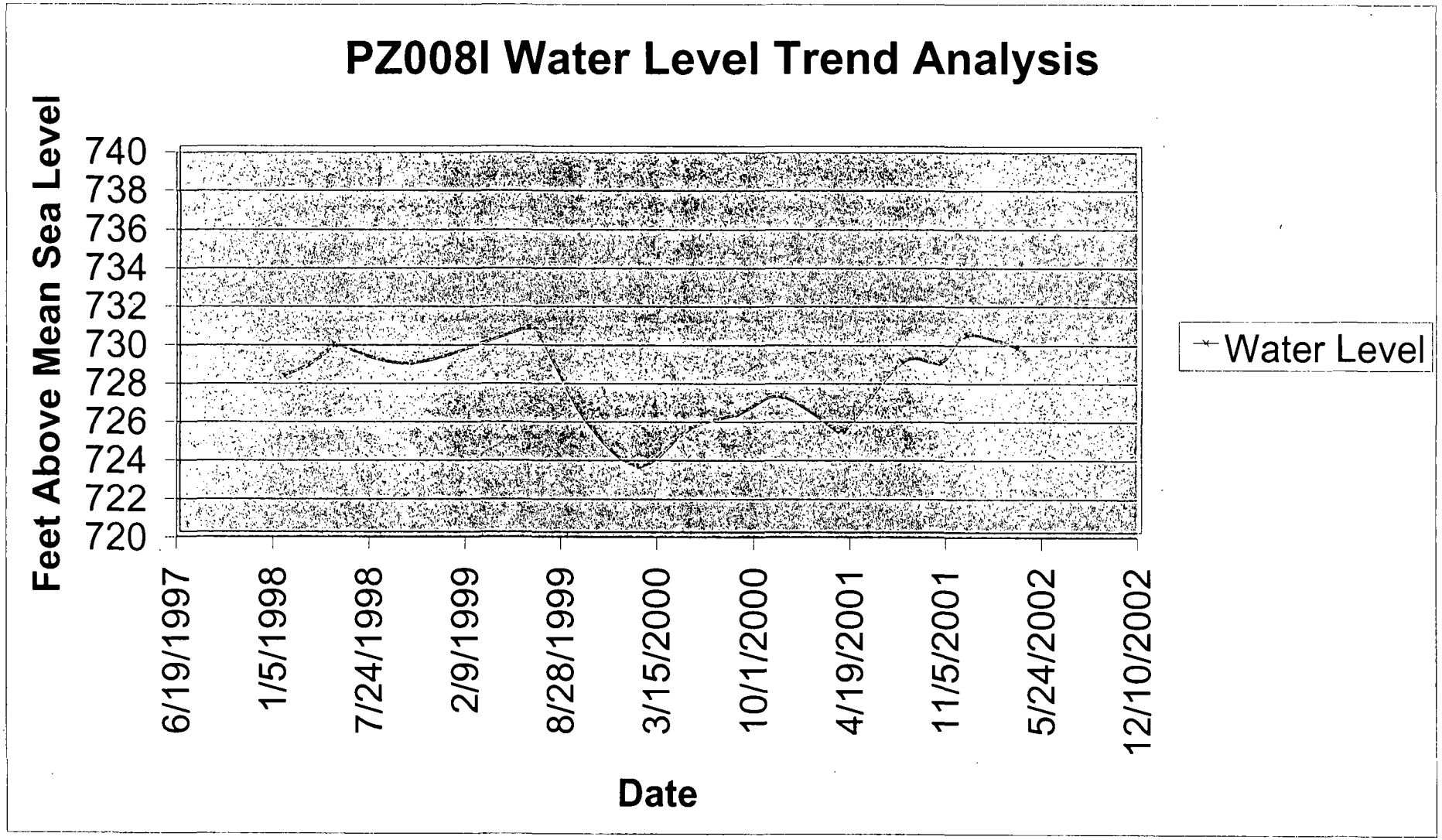

PZ012D Trend Analysis
Concentration (ppb)
300
250
200
150
100
50
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

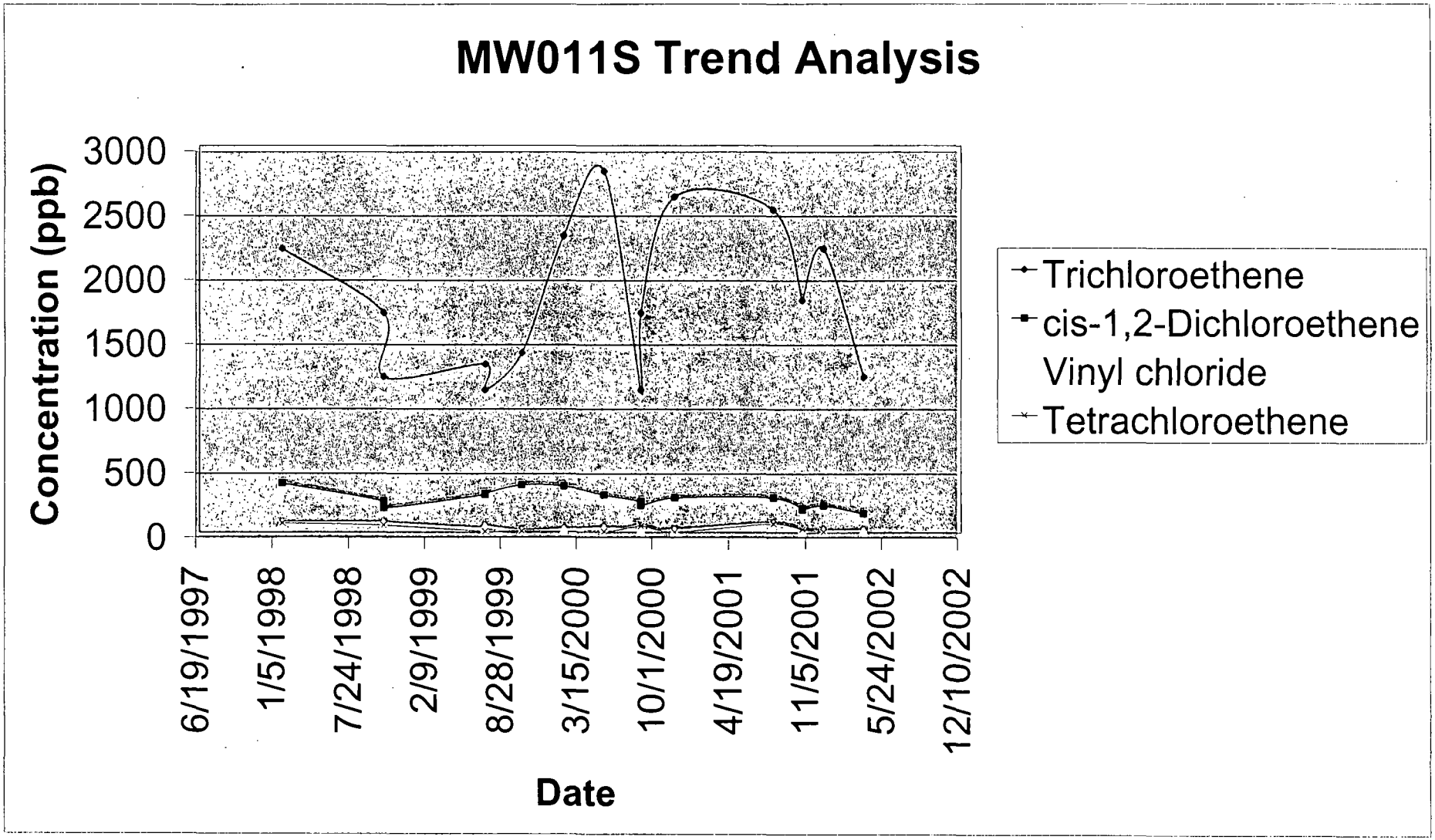

PZ012D Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

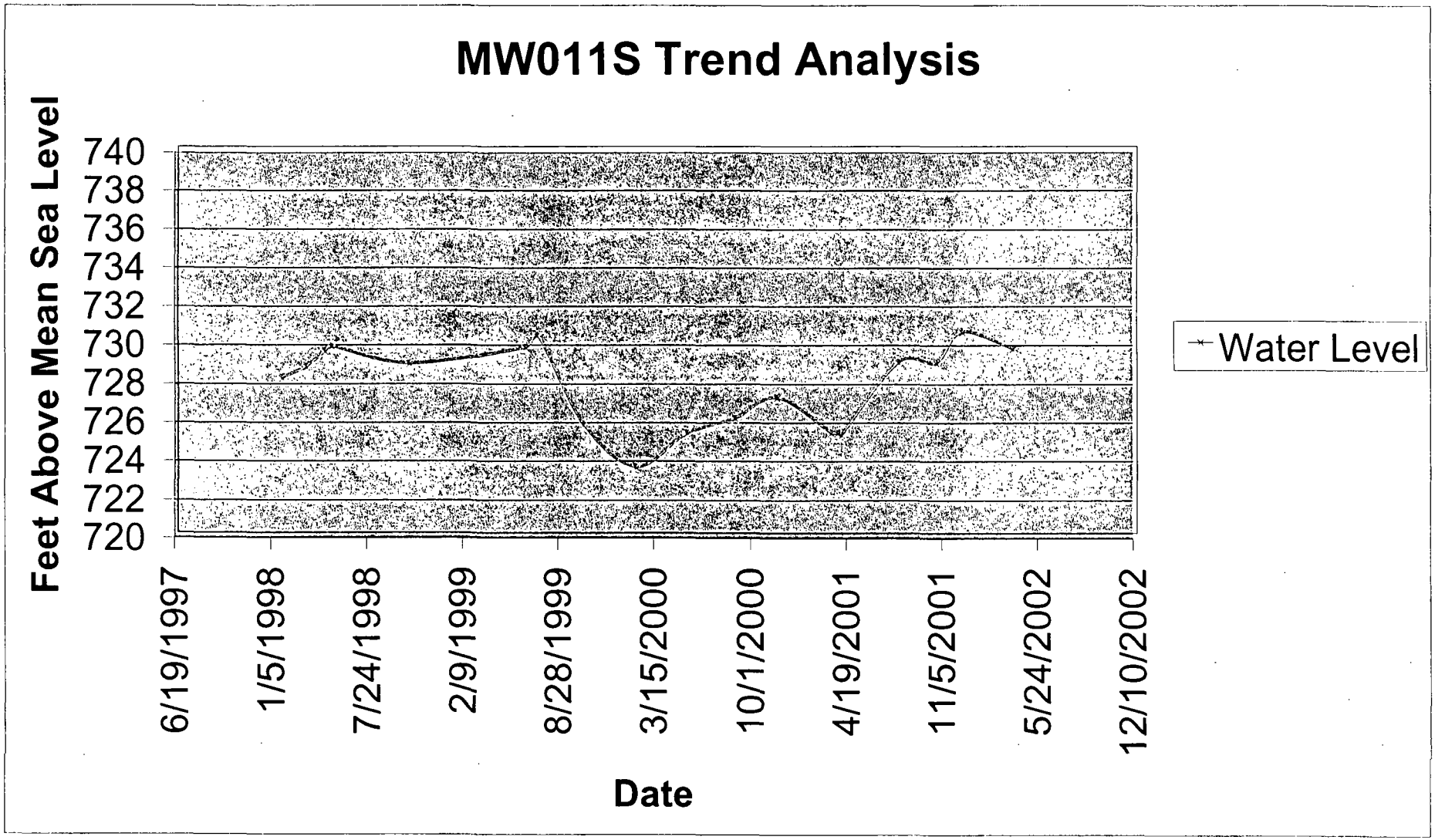

PZ008D Trend Analysis
Concentration (ppb)
140
120
100
80
60
40
20
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

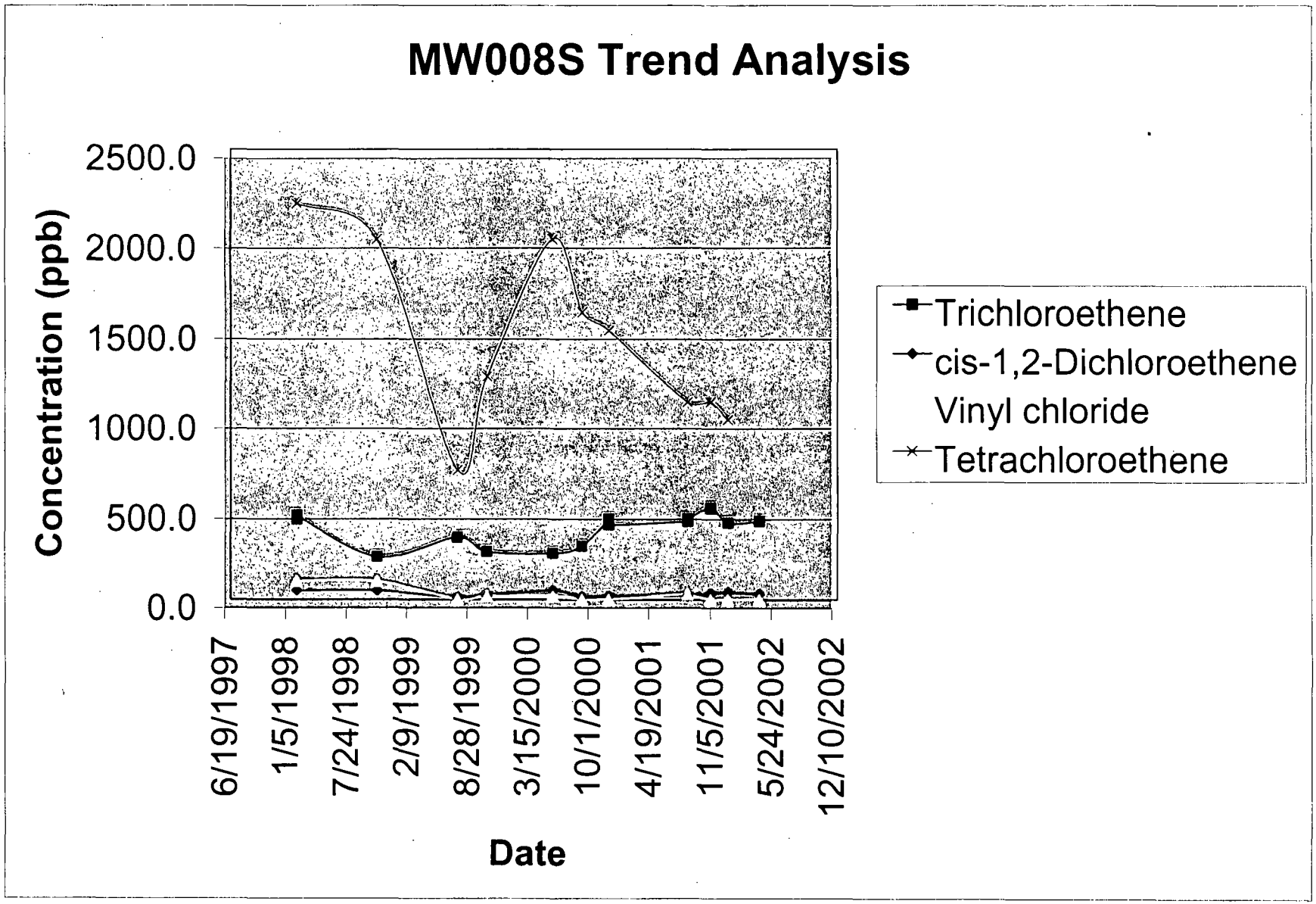

PZ008D Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

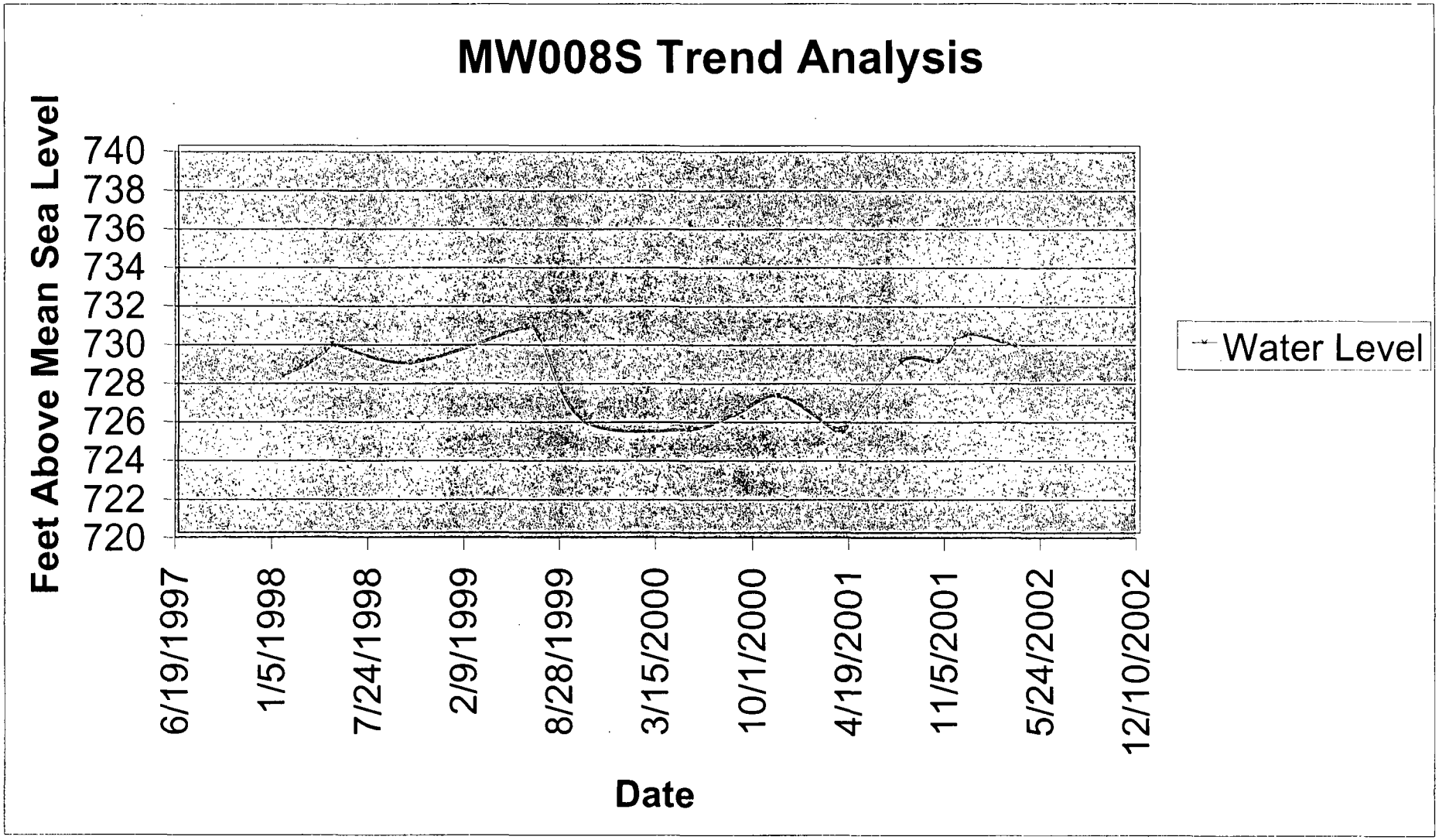

PZ008I Trend Analysis
Concentration (ppb)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

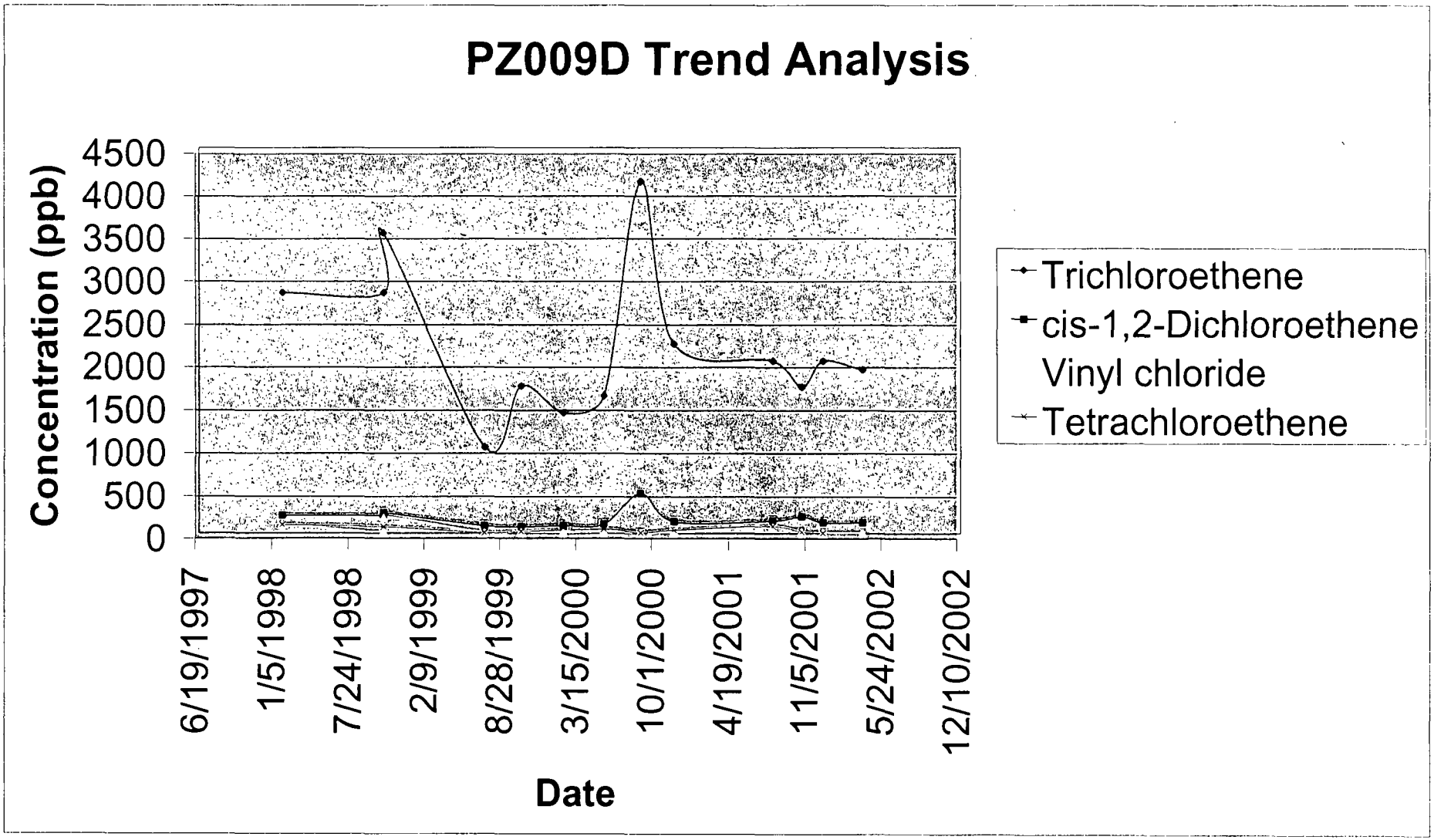

PZ008I Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

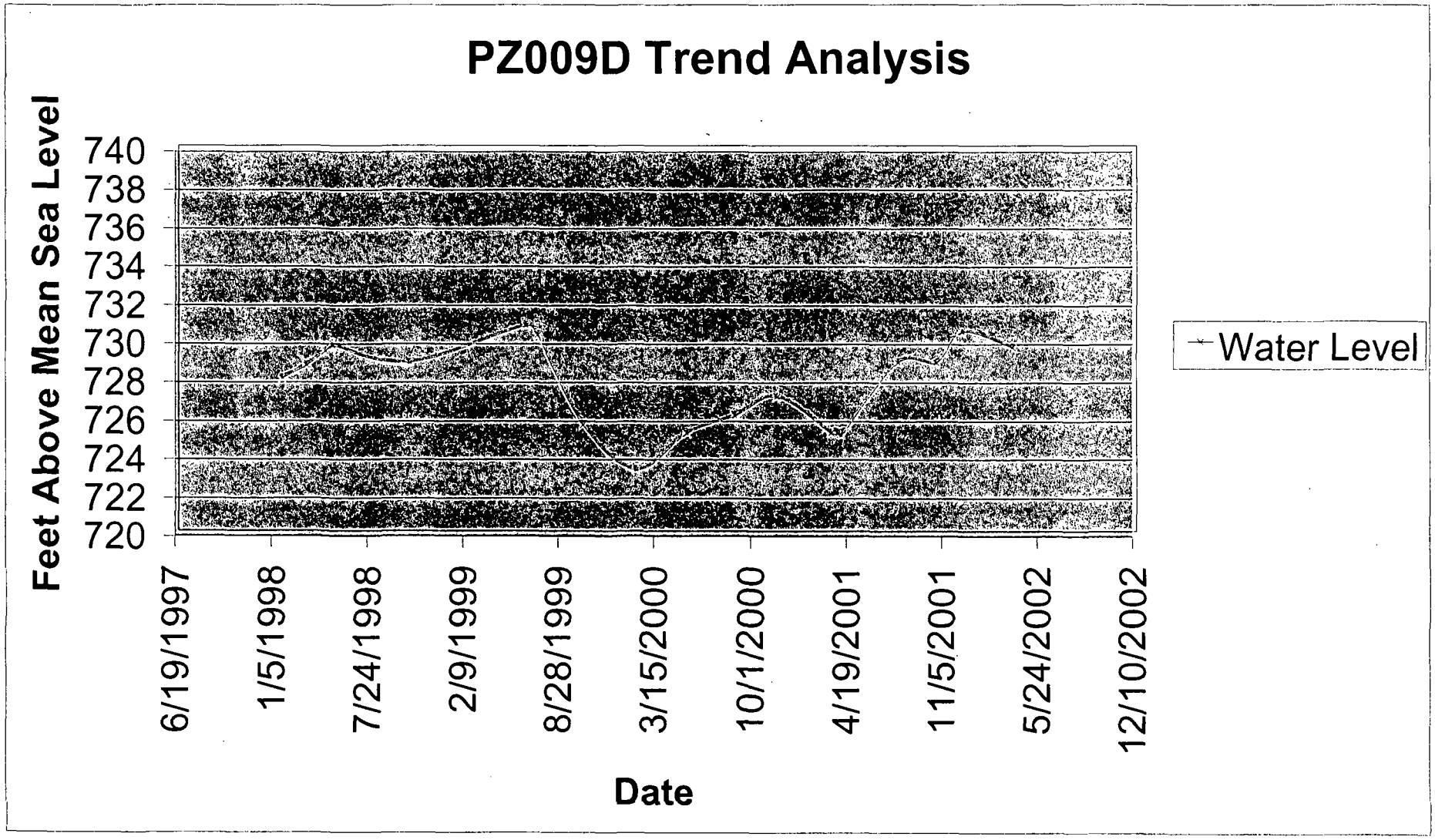

MW011S Trend Analysis
Concentration (ppb)
3000
2500
2000
1500
1000
500
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

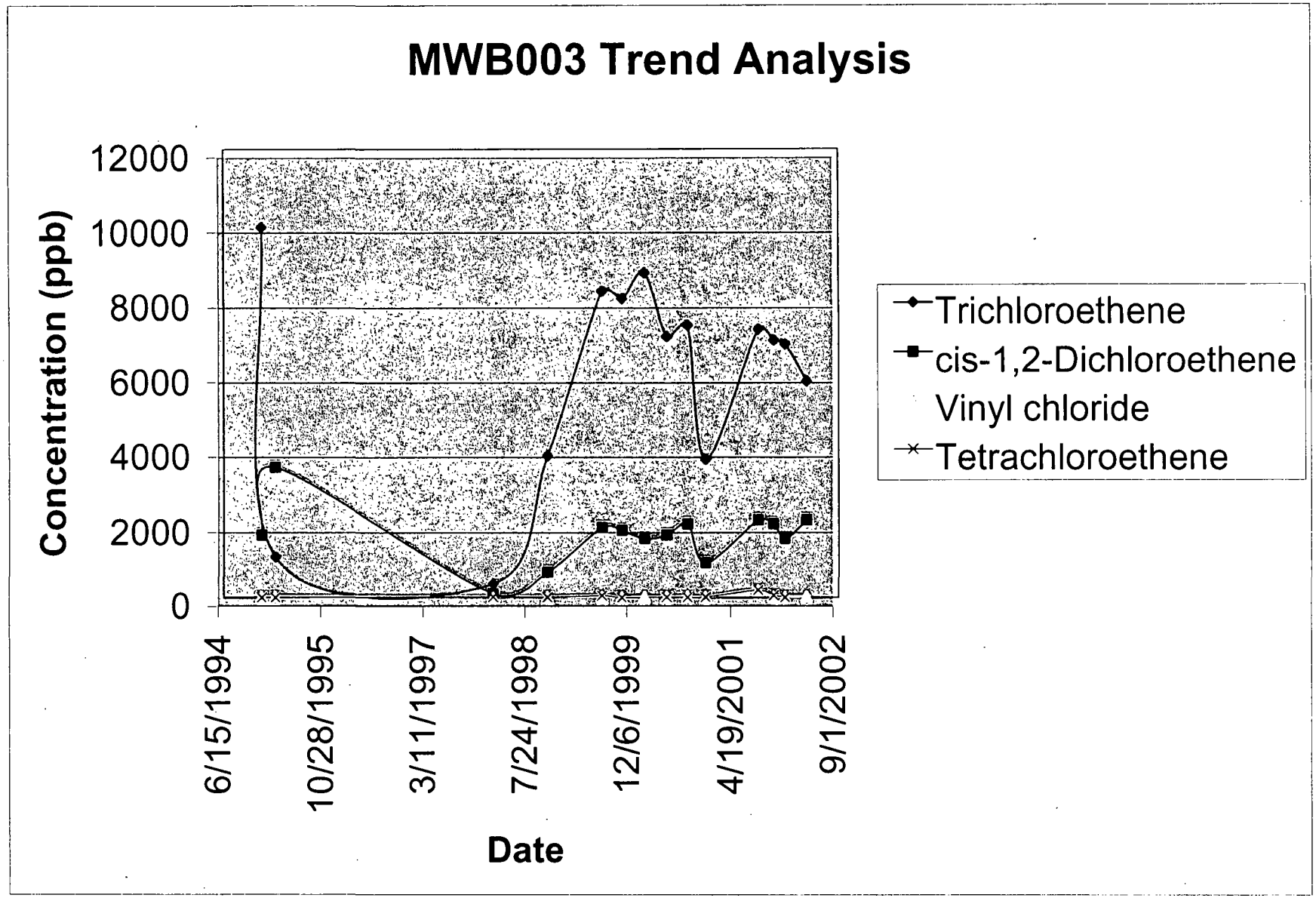

MW011S Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

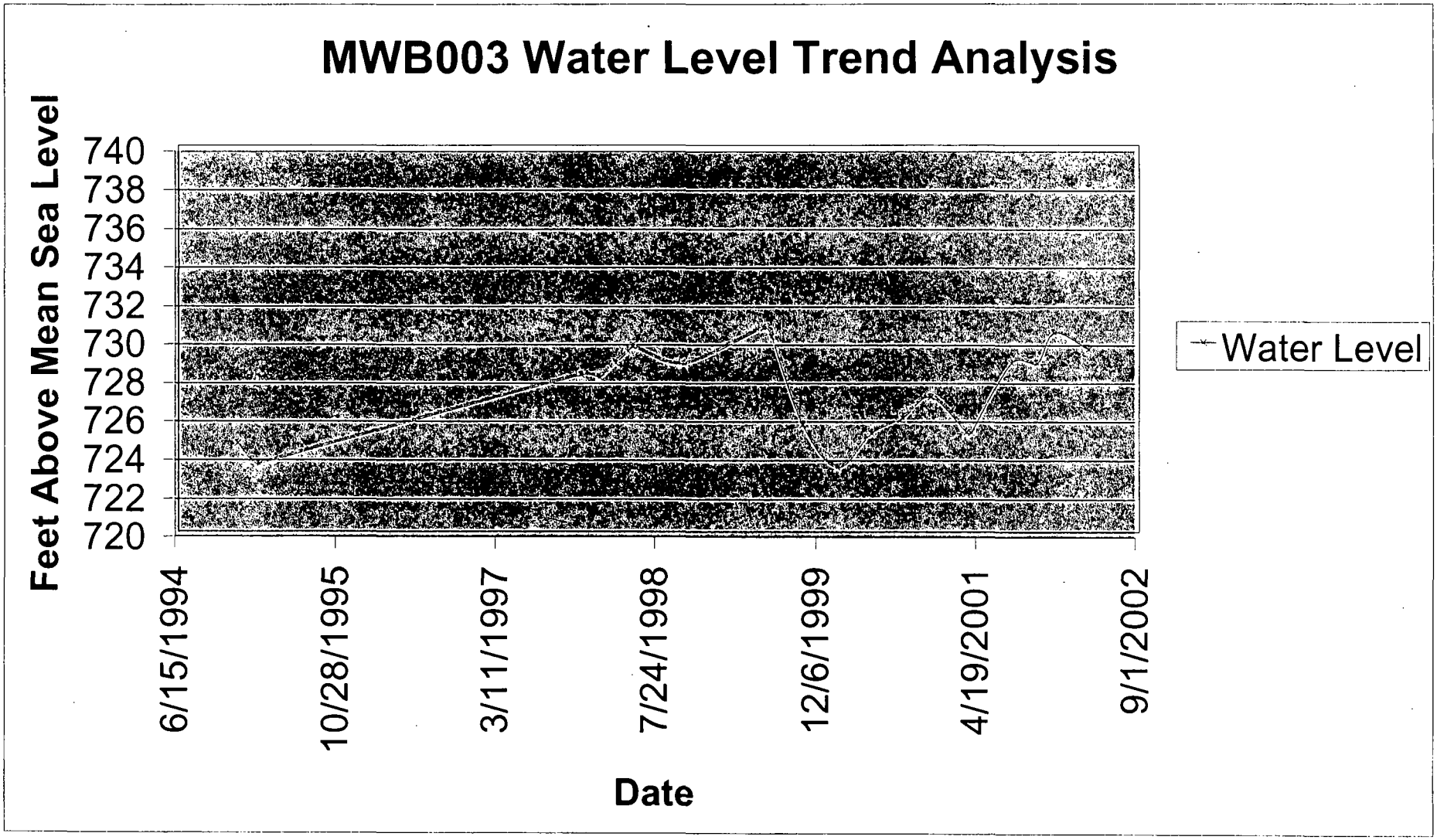

MW008S Trend Analysis
Concentration (ppb)
2500.0
2000.0
1500.0
1000.0
500.0
0.0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

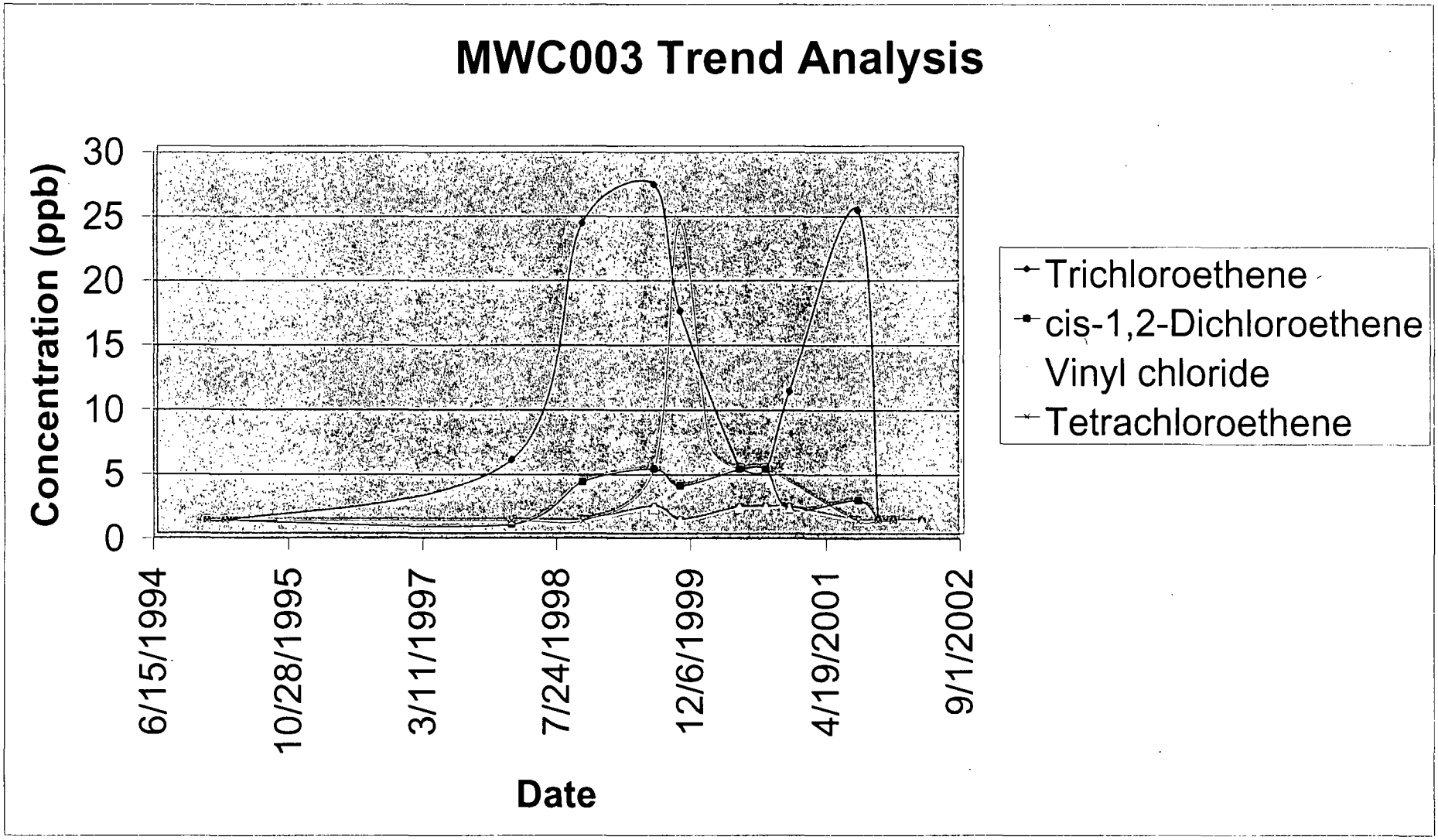

MW008S Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

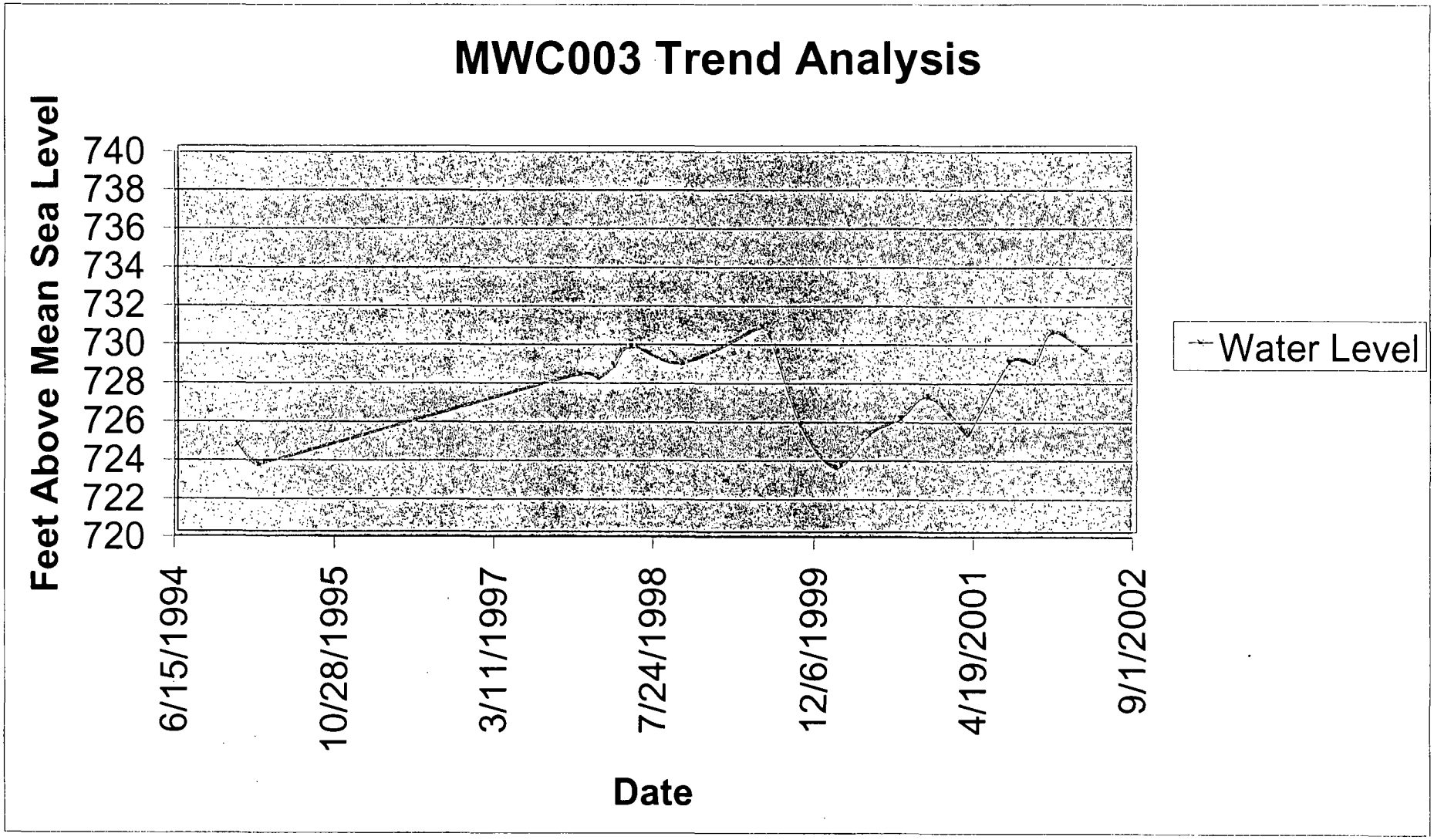

PZ009D Trend Analysis
Concentration (ppb)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

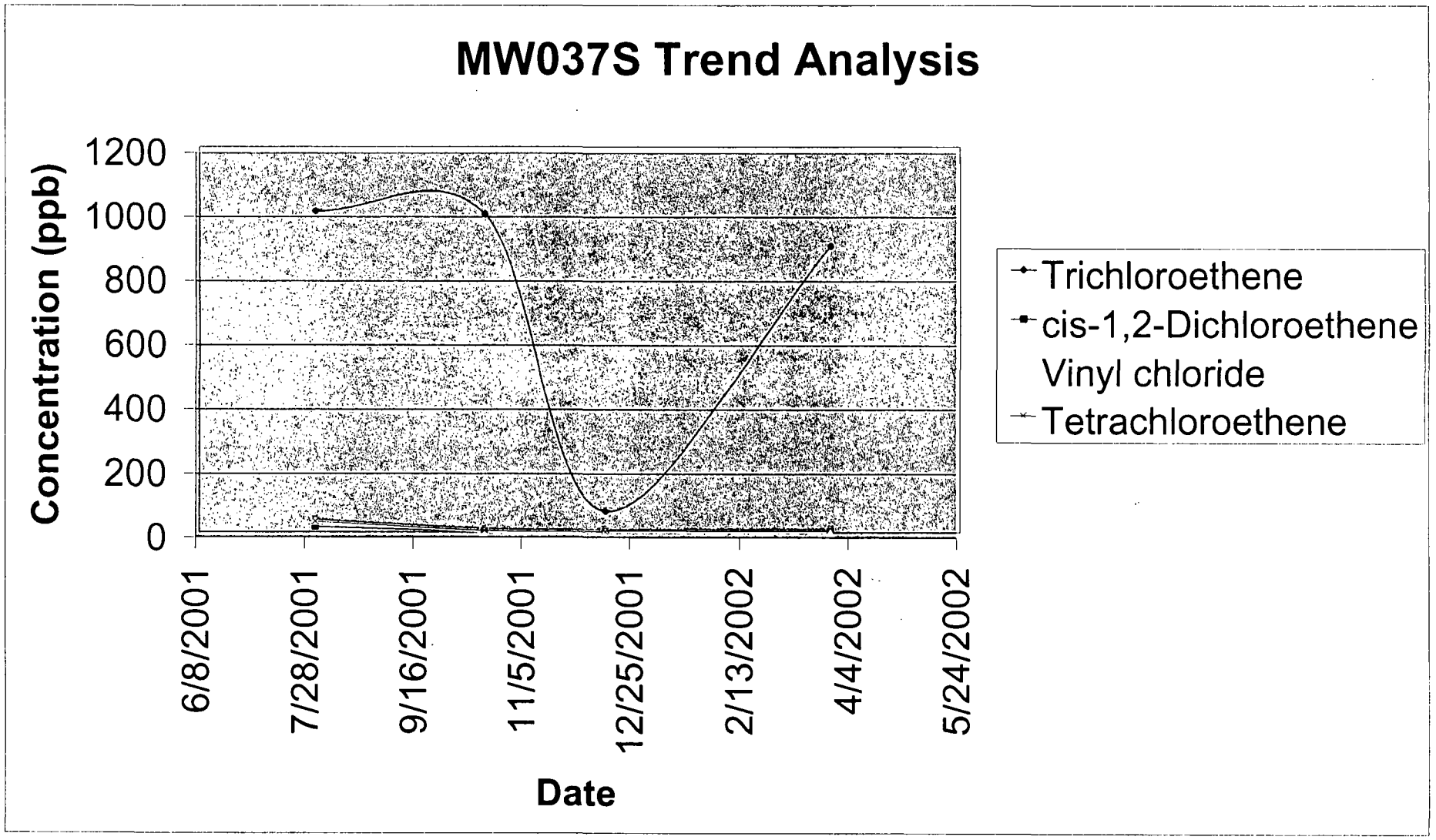

PZ009D Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/19/1997
1/5/1998
7/24/1998
2/9/1999
8/28/1999
3/15/2000
10/1/2000
4/19/2001
11/5/2001
5/24/2002
12/10/2002
Date
Water Level

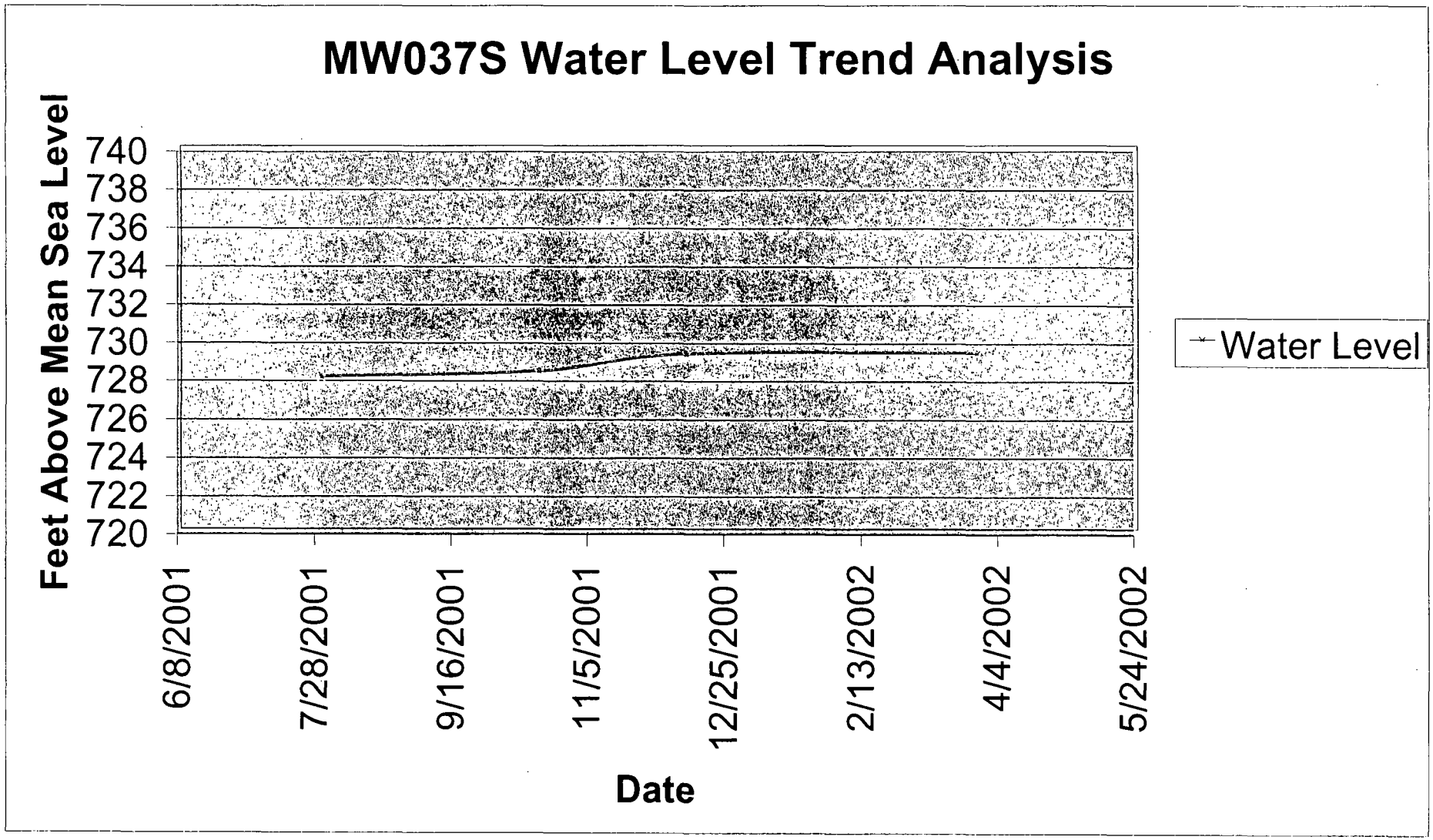

MWB003 Trend Analysis
Concentration (ppb)
12000
10000
8000
6000
4000
2000
0
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

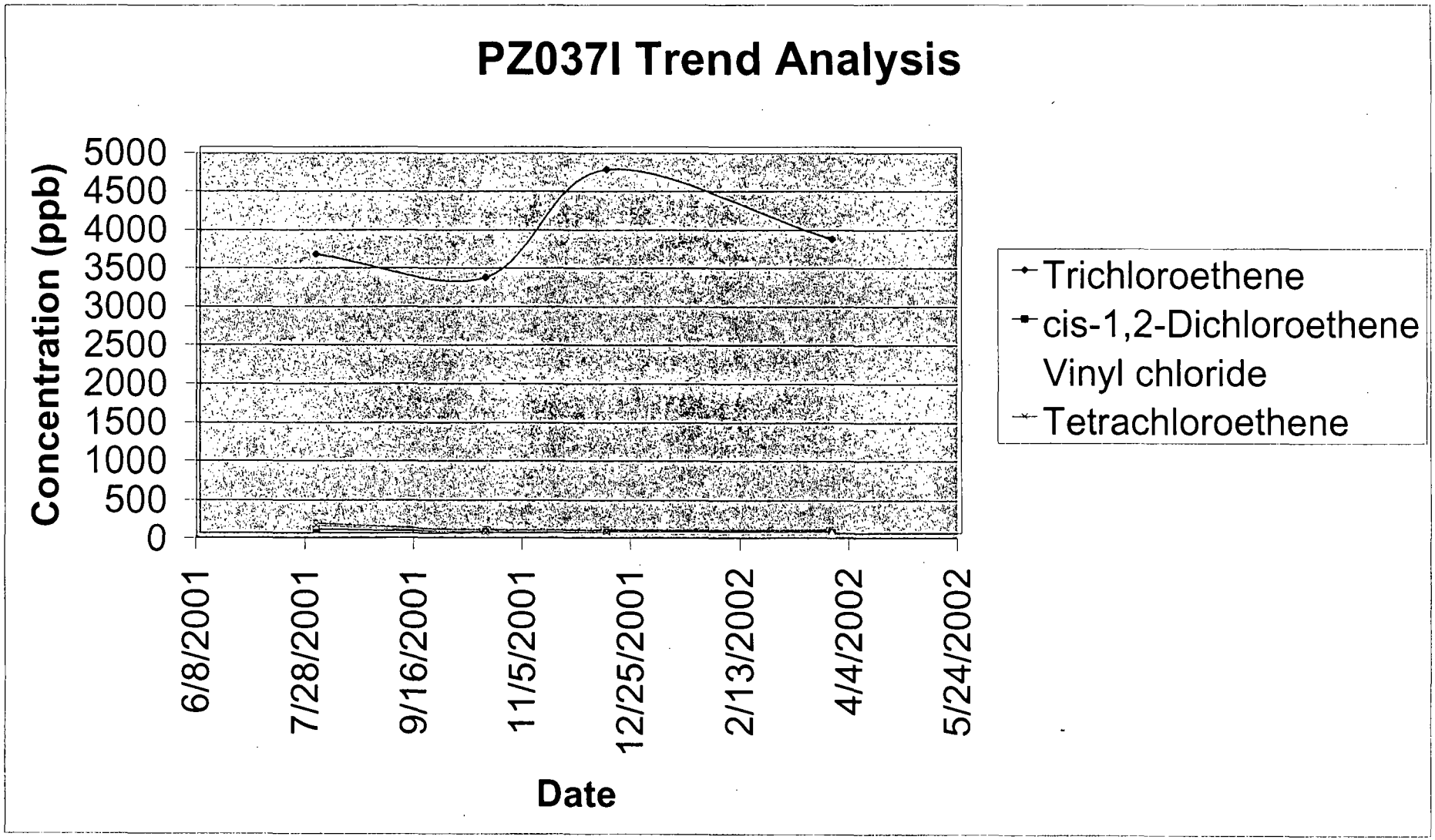

MWB003 Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Water Level

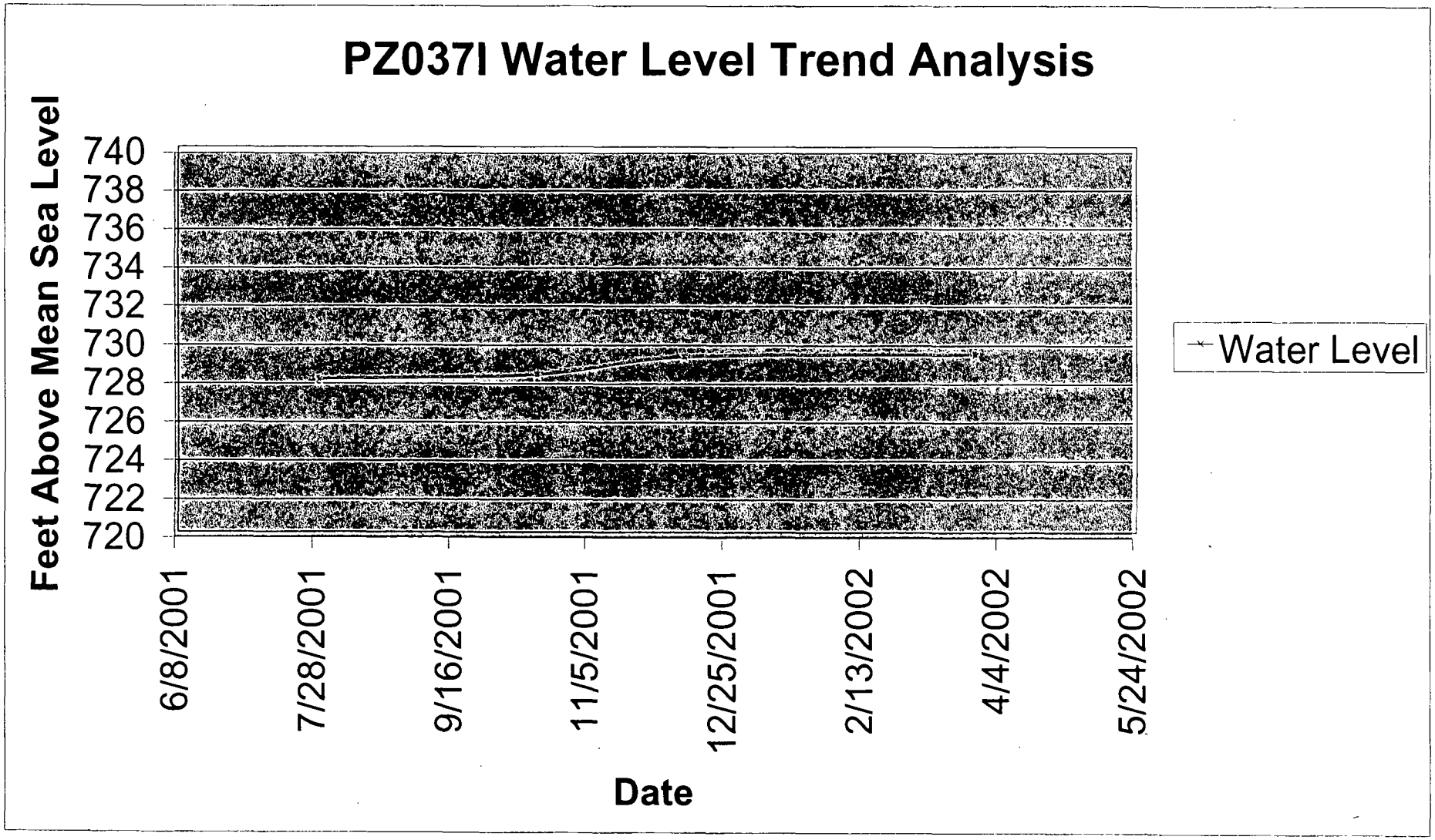

MWC003 Trend Analysis
Concentration (ppb)
30
25
20
15
10
5
0
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene

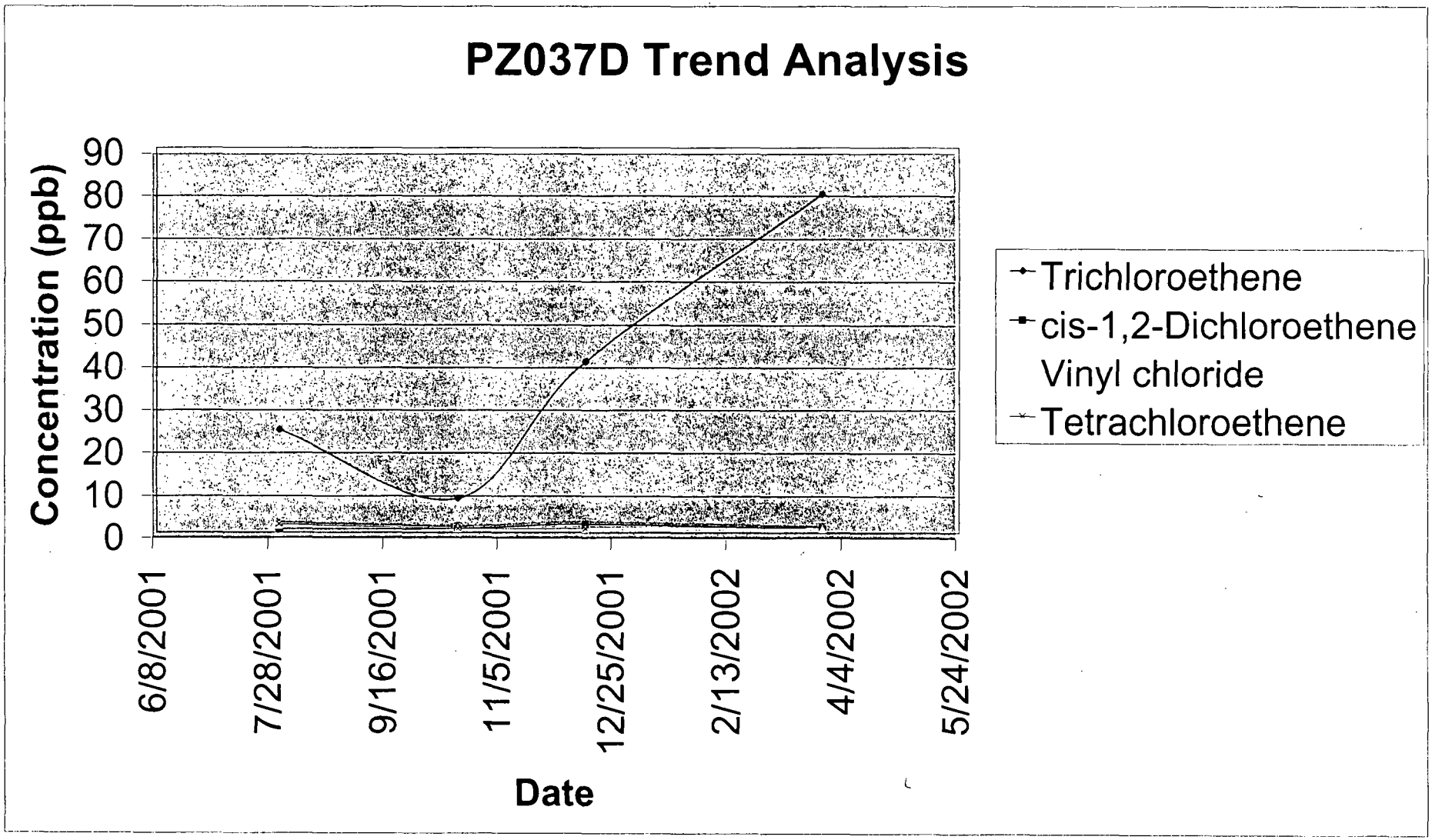

MWC003 Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/15/1994
10/28/1995
3/11/1997
7/24/1998
12/6/1999
4/19/2001
9/1/2002
Date
Water Level

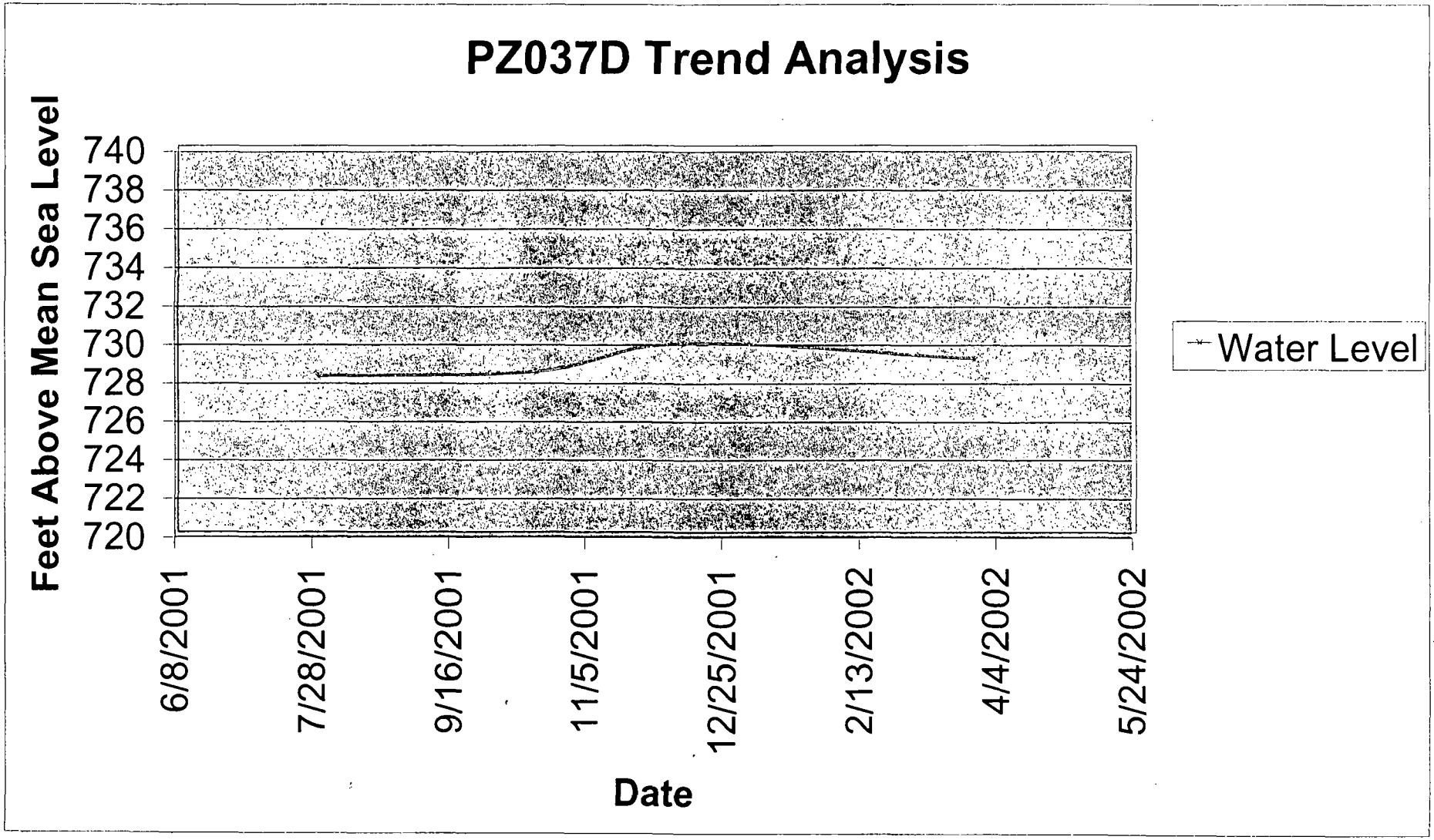

MW037S Trend Analysis
Concentration (ppb)
1200
1000
800
600
400
200
0
6/8/2001
7/28/2001
9/16/2001
11/5/2001
12/25/2001
2/13/2002
4/4/2002
5/24/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene


MW037S Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/8/2001
7/28/2001
9/16/2001
11/5/2001
12/25/2001
2/13/2002
4/4/2002
5/24/2002
Date
Water Level


PZ037I Trend Analysis
Concentration (ppb)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
6/8/2001
7/28/2001
9/16/2001
11/5/2001
12/25/2001
2/13/2002
4/4/2002
5/24/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene


PZ037I Water Level Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/8/2001
7/28/2001
9/16/2001
11/5/2001
12/25/2001
2/13/2002
4/4/2002
5/24/2002
Date
Water Level


PZ037D Trend Analysis
Concentration (ppb)
90
80
70
60
50
40
30
20
10
0
6/8/2001
7/28/2001
9/16/2001
11/5/2001
12/25/2001
2/13/2002
4/4/2002
5/24/2002
Date
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Tetrachloroethene


PZ037D Trend Analysis
Feet Above Mean Sea Level
740
738
736
734
732
730
728
726
724
722
720
6/8/2001
7/28/2001
9/16/2001
11/5/2001
12/25/2001
2/13/2002
4/4/2002
5/24/2002
Date
Water Level

COMPUCHEM
a division of Liberty Analytical Corp.

EPA Region 5 Records Ctr.
350079

08-Jul-03

LISA SMITH
EARTH TECH
4135 TECHNOLOGY PARKWAY

Sheboygan, WI 53083

Subject:
Report of Data-Project: ET03044

Attn.: LISA SMITH

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097.

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER
OF PAGES 8

501 Madison Avenue ■ Cary, N.C. 27513 ■ Tel: 919-379-4100 ■ Fax: 919-379-4050

CompuChem, a division of Liberty Analytical

Hsn	Client ID	Wordorder	Matrix	Account	Project	Report
1701	WMSOIL-063003-00	17	S	CHRYSLER	ET03044	7/7/2003
1702	TRIP BLANK	17	W	CHRYSLER	ET03044	7/7/2003

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG # 17
PROTOCOL: SW-846 8082

SAMPLE IDENTIFICATIONS: WMSOIL-063003-002

The soil sample listed above was scheduled for the requested analysis of the PCB fraction. SW-846, 3rd Edition, Update 3, Sonication extraction (Method 3550B), and Method 8082 were used to prepare and analyze the sample, with the exceptions and/or additions requested by the client. The percent moisture value of the soil sample was 12. All pertinent Quality Assurance notices are included in the narrative section and all pertinent Laboratory notices for SDG #17 are included in the sample data sections.

PCBs

Extraction and analysis holding time requirements were met for the sample.

Aroclor-1260 and Aroclor-1254 were confirmed by dual column analysis above the Quantitation Limit (QL) in the sample.

Manual quantitations were performed on one or more of the process files associated with this SDG, including sample WMSOIL-063003-002. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All QC criteria were met for all initial and continuing calibration standards associated to this SDG.

All of the surrogates met recovery and retention time criteria in the analyses of these samples.

The associated method blank met all quality control criteria.

The associated Laboratory Control Sample (LCS) prepared and analyzed along with these samples met all recovery criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kerry S. Hinshaw

Kerry S. Hinshaw
Senior Scientist
July 7, 2003

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG # 17
PROTOCOL: SW-846 8082

SAMPLE IDENTIFICATIONS: WMSOIL-063003-002

The soil sample listed above was scheduled for the requested analysis of the PCB fraction. SW-846, 3rd Edition, Update 3, Sonication extraction (Method 3550B), and Method 8082 were used to prepare and analyze the sample, with the exceptions and/or additions requested by the client. The percent moisture value of the soil sample was 12. All pertinent Quality Assurance notices are included in the narrative section and all pertinent Laboratory notices for SDG #17 are included in the sample data sections.

PCBs

Extraction and analysis holding time requirements were met for the sample.

Aroclor-1260 and Aroclor-1254 were confirmed by dual column analysis above the Quantitation Limit (QL) in the sample.

Manual quantitations were performed on one or more of the process files associated with this SDG, including sample WMSOIL-063003-002. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All QC criteria were met for all initial and continuing calibration standards associated to this SDG.

All of the surrogates met recovery and retention time criteria in the analyses of these samples.

The associated method blank met all quality control criteria.

The associated Laboratory Control Sample (LCS) prepared and analyzed along with these samples met all recovery criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kerry S. Hinshaw

Kerry S. Hinshaw
Senior Scientist
July 7, 2003

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Client Project ID: ET03044
Client SDG No: 17
Client Sample ID: WMSOIL-063003-002
Lab Sample ID: 1701
Sample wt/vol: 30.0 (g/mL) G
% Moisture: 12 decanted: (Y/N) N
Concentrated Extract Volume: 5000(uL)
Injection Volume: 2.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: 70

Lab Project Number:
Method: 8082
Date Collected: 06/30/03
Date Received: 07/01/03
Lab File ID:
Extraction:(SepF/Cont/Sonc) SONC
Date Analyzed: 07/02/03
Dilution Factor: 1.0

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
12674-11-2	Aroclor-1016	6.0	38	ND	U
11104-28-2	Aroclor-1221	5.6	48	ND	U
11141-16-5	Aroclor-1232	2.2	38	ND	U
53469-21-9	Aroclor-1242	4.0	24	ND	U
12672-29-6	Aroclor-1248	3.6	24	ND	U
11097-69-1	Aroclor-1254	3.6	24	150	
11096-82-5	Aroclor-1260	3.7	38	29	P

ND = Not Detected
Q = Qualifier

FORM I PEST

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Client Project ID: ET03044
Client SDG No: 17
Client Sample ID: PBLKJR
Lab Sample ID: 70
Sample wt/vol: 30.0 (g/mL) G
% Moisture: _____ decanted: (Y/N)___
Extraction: (SepF/Cont/Sonc) SONC
Concentrated Extract Volume: 5000(uL)
Injection Volume: 2.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: 70

Lab Project Number:
Method: 8082
Date Collected: _____
Date Received: _____
Lab File ID: _____

Date Extracted:07/01/03
Date Analyzed: 07/02/03
Dilution Factor: 1.0

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
12674-11-2	Aroclor-1016	6.0	33	ND	U
11104-28-2	Aroclor-1221	5.6	42	ND	U
11141-16-5	Aroclor-1232	2.2	33	ND	U
53469-21-9	Aroclor-1242	4.0	21	ND	U
12672-29-6	Aroclor-1248	3.6	21	ND	U
11097-69-1	Aroclor-1254	3.6	21	ND	U
11096-82-5	Aroclor-1260	3.7	33	ND	U

ND = Not Detected
Q = Qualifier

FORM I PEST

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Client Project ID: ET03044
Client SDG No: 17
Client Sample ID: PLCSJR
Lab Sample ID: 71
Sample wt/vol: 30.0 (g/mL) G
% Moisture: _____ decanted: (Y/N) ___
Extraction: (SepF/Cont/Sonc) SONC
Concentrated Extract Volume: 5000(uL)
Injection Volume: 2.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: 70

Lab Project Number:
Method: 8082
Date Collected: _____
Date Received: _____
Lab File ID: _____

Date Extracted: 07/01/03
Date Analyzed: 07/02/03
Dilution Factor: 1.0

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
12674-11-2	Aroclor-1016	6.0	33	180	
11104-28-2	Aroclor-1221	5.6	42	ND	U
11141-16-5	Aroclor-1232	2.2	33	ND	U
53469-21-9	Aroclor-1242	4.0	21	ND	U
12672-29-6	Aroclor-1248	3.6	21	ND	U
11097-69-1	Aroclor-1254	3.6	21	ND	U
11096-82-5	Aroclor-1260	3.7	33	170	

ND = Not Detected
Q = Qualifier

FORM I PEST

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: COMPUCHEM Contract: 8082

Lab Code: COMPU Case No.: SAS No.: SDG No.: 17

GC Column(1): CLPEST ID: 0.53 (mm) GC Column(2): CLPEST2 ID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLKJR	94	88	110	90			0
02	PLCSJR	100	92	110	96			0
03	WMSOIL-06300	91	94	87	71			0
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (43-135)
S2 (DCB) = Decachlorobiphenyl (43-144)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

3F
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: COMPUCHEM Contract: 8082

Lab Code: COMPU Case No.: SAS No.: SDG No.: 17

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Aroclor-1016	170	180	110	50-145
Aroclor-1260	170	170	100	37-137

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS: _____

FORM III PEST-2

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLKJR

Lab Name: COMPUCHEM Contract: 8082

Lab Code: COMPU Case No.: SAS No.: SDG No.: 17

Lab Sample ID: 70 Lab File ID: 062W70

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 07/01/03

Date Analyzed (1): 07/02/03 Date Analyzed (2): 07/02/03

Time Analyzed (1): 1054 Time Analyzed (2): 1054

Instrument ID (1): VARIAN43 Instrument ID (2): VARIAN46

GC Column (1): CLPEST ID: 0.53(mm) GC Column (2): CLPEST2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PLCSJR	71	07/02/03	07/02/03
02	WMSOIL-06300	1701	07/02/03	07/02/03
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS:

FORM IV PEST

CompuChem

a division of Liberty Analytical Corp.

08-Jul-03

LISA SMITH
EARTH TECH
4135 TECHNOLOGY PARKWAY

Sheboygan, WI 53083

Subject:
Report of Data-Project: ET03044 DCX - DAYTON THERMAL

Attn.: LISA SMITH

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097.

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER
OF PAGES 17

501 Madison Avenue ■ Cary, N.C. 27513 ■ Tel: 919-379-4100 ■ Fax: 919-379-4050

CompuChem, a division of Liberty Analytical

Hsn	Client ID	Wordorder	Matrix	Account	Project	Report
1701	WMSOIL-063003-00	17	S	CHRYSLER	ET03044	7/7/2003
1702	TRIP BLANK	17	W	CHRYSLER	ET03044	7/7/2003

CompuChem
a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE

SDG # 17
CONTRACT # 8270C

SAMPLE IDENTIFICATION: WMSOIL-063003-002

The one (1) solid sample listed above was received intact, properly refrigerated at a temperature of 5.4°C, with proper documentation, in sealed shipping containers, on July 1, 2003. The samples were scheduled for the requested analyses of the semi-volatile fraction. The samples were prepared and analyzed following the SW846 8270C method for the TCL3 list of compounds.

Extraction and analysis holding time requirements were met for these samples.Several Target Compound List (TCL) analyte were identified above the Contract Required Quantitation Limit (CRQL) in this sample. Tentatively Identified Compounds (TICs) were not requested for this SDG. Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All decafluorotriphenylphosphine (DFTPP) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG. The surrogates met the recovery criteria. All of the internal standards met response and retention time criteria. The associated method blank met all quality control criteria. No matrix spikes were prepared for this SDG. A laboratory spike was performed with these samples and passed all QC criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Susan W Bass

Susan W. Bass
Director of Laboratory Operations
July 7, 2003

Profile 1221

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech / Chrysler	Rec'd Date: 7-1-03	PPS/RFA ET03044
Project: Dayton Thermal Soil	Courier: Fed Ex	Lab Instructions
~~Quote:~~ work order # 17	Airbill No. 841550721512	VOC TCL3CT+MTBE SUB
Login No.		SVOC TCL3
Subcontract? Y / (N)		PCB 8082
TAT Verbal Report 6 days		

2

Cooler Rec'd By: C. Pierce
Sample Login By: [illegible]
Temperature: 5.4 °C
Cyanide Samples checked for sulfide & chlorine? Y / (NA)
Phenol Samples checked for chlorine? Y / (NA)
Received in Good Condition? (Y) / N
If no, explain: * Received 6 Trip Blanks not listed on C-O-C!!

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	Parameters: VOC's		VOC's % moist.		SVOC's PCB's											
						No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH
1701	WM7 SOIL-063003-002		Soil	6/30	10:00	3-5g Encore		1-2oz		1-8oz											
1702	TRIP BLANK		H_2O	✓	—	4-40m															

7/1/03

Container Type Abbreviations: 40ml.(40ml. vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER

rll - 6/28/01 dcc

DAIMLERCHRYSLER — Chain-of-Custody

№ 00553 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: DCX - DAYTON THERMAL Site Location: DAYTON, OH Site Code: RFA Number: ET 03044 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	VOCs (5g ENCORE)	VOCs (1 - 2oz)	SVOCs /PCBs (1 - 8oz)						Remarks
WMSOIL-063003-002	6/30/03	1000hr	G	S	~~10~~ 5	3	1	1						* Received 6 Trip Blanks not listed on COC! analyze trip blank per Rob Smith @ Earth Tec rec'd 4 w/o air bubbles will use 1 of these for analysis. CD 7/1/03

Sampler(s)	Cooler ID #			Samples Relinquished under Airbill No.			Temperature (corrected) 5.4 C
SC	Relinquished by: STEVE CERVI	Date: 6/30/03	Time: 1330	Received by: C. Pierce	Date: 7-1-03	Time: 9:00	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

Custody Seals #1 & 2

Revision No. 3
Created: July 9, 1999

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

DAIMLERCHRYSLER CORPORATION BOTTLE REQUEST AND SHIPMENT FORM

№ 00455A

6/26 AM

PARAMETER	NO. OF BOTTLES NEEDED FOR TEST	NO. OF BOTTLES SENT	CHEMICAL PRESERVATIVE	PRESERVATIVE LOT NO.	BOTTLE TYPE	BOTTLE LOT NO.
Volatiles (H2O)	2		HCl		Vials (40 ml)	
Semivolatiles (H2O)	2*		None	N/A	Amber Liter	
PCBs (H2O)	2*		None	N/A	Amber Liter	
Metals (H2O)	1		HNO3		500 ml Plastic	
Cyanide (H2O)	1		NaOH		Plastic Liter	
TPH- 418.1 (H2O)	2*		HCl		Amber Liter	
TPH-GRO (H2O)	2		HCl		Vials (40 ml)	
TPH-DRO (H2O)	2*		HCl		Amber Liter	
Volatiles (Soil)	1	2	None	N/A	(2 oz or 4 oz.) Jars	D/2 8541040
Volatiles (Soil - Low Level)	3	6	None	N/A	5 g Encore Samplers	K113 1040
Volatiles (Soil)	1		None	N/A	25 g Encore Samplers	
TPH-GRO (Soil)	2		None	N/A	5 g Encore Samplers	
Semivolatiles/PCBs/~~418.1~~/ ~~DRO/Metals~~/Moisture (Soil)	1	2	None	N/A	8 oz. Glass Jar	F208401K
DI Water - Carboy #	N/A		N/A	N/A	Amber Liter	
Trip Blank -Carboy # 3	2	4	HCl	Pre-pres.	Vials (40 ml)	
Temperature Blank	N/A	1 per cooler	N/A	N/A	N/A	N/A

Customer Service Rep: Cathy Dover Date 6/24/03

RFA Number ET03044

Ship To Address: EARTH TECH
Extended Stay America
Guest: Jamie Dickson
6688 Miller Lane
Dayton, OH 45414
(937) 898-9221

pH strips? Yes / No Labels? Yes / No
DaimlerChrysler COCs Yes / No Custody seals? Yes / No
Site-specific MS/MSD Yes / No
Cooler No(s): 1-cooler

Packed/Shipped by: [signature] Date 6/25/03

THIS SECTION COMPLETED BY ENGINEERING FIRM:

Recipient's Signature: [signature]
Date Received: 6/26/03
Was all glassware received? Yes / No Received in good condition? Yes / No
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: *Our metal T-handles have not been returned this week yet! I guess because it is the busy time in the "sampling season" Spoke w/ Lisa Smith - She or'd sending disposal 5g plungers

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

6/24/03

CompuChem, a Division of Liberty Analytical

Workorder Summary Report

Workorder 17 Account: CHRYSLE

Status: Project: ET03044

SAMPLE ID	CLIENT	COLLECT DATE	RECEIVE DATE	DUE DATE	COMMENTS
1701	WMSOIL-063003-	6/30/2003	7/1/2003	7/7/2003	RFA ET03044**VOC TCL3CT + MTBE.SUB**SVOC TCL3**PCB 8082**LCS ONLY
S	**DRY WEIGHT**	**Dry Weight**			
S	**VS8260L3CM**	**VOC LL 8260 TCL3CIS/TRANS/MTBE**			
S	**SS8270LTC3**	**SVOC LL 8270C TCL3 SOIL**			
S	**GS82PCB**	**PCB 8082 SOIL**			
1702	TRIP BLANK	6/30/2003	7/1/2003	7/7/2003	RFA ET03044**TRIP BLK RUN WITH SOILS**VOC TCL3CT + MTBE.SUB**LCS ONLY
W	**VW82-53CTM**	**VOC 8260 5ML TCL3CIS/TRANS+MTB**			

1BCWC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client Project ID:
Client SDG No: 17
Client Sample ID: WMSOIL-063003-002

Lab Project Number: ET03044
Method: 8270C
Date Collected: 06/30/03

Lab Sample ID: 1701
Sample wt/vol: 30.0 (g/mL) G
Level: (low/med) LOW

Date Received: 07/01/03
Lab File ID: 1701A60
Analyst: 2319

% Moisture: 12 decanted: (Y/N) N
Concentrated Extract Volume: 1000(uL)
Injection Volume: 1.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: WG25304-1

Date Extracted: 07/01/03
Date Analyzed: 07/06/03
Dilution Factor: 1.0

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
108-95-2	Phenol	35	380	ND	U
111-44-4	Bis(2-chloroethyl)ether	30	380	ND	U
95-57-8	2-Chlorophenol	36	380	ND	U
541-73-1	1,3-Dichlorobenzene	34	380	ND	U
106-46-7	1,4-Dichlorobenzene	29	380	ND	U
95-50-1	1,2-Dichlorobenzene	33	380	ND	U
95-48-7	2-Methylphenol	29	380	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	380	ND	U
106-44-5	4-Methylphenol	28	380	ND	U
621-64-7	N-Nitroso-di-N-propylamine	33	380	ND	U
67-72-1	Hexachloroethane	37	380	ND	U
98-95-3	Nitrobenzene	43	380	ND	U
78-59-1	Isophorone	30	380	ND	U
88-75-5	2-Nitrophenol	30	380	ND	U
105-67-9	2,4-Dimethylphenol	30	380	ND	U
111-91-1	Bis(2-chloroethoxy)methane	36	380	ND	U
120-83-2	2,4-Dichlorophenol	22	380	ND	U
120-82-1	1,2,4-Trichlorobenzene	42	380	ND	U
91-20-3	Naphthalene	35	380	ND	U
106-47-8	4-Chloroaniline	9.5	380	ND	U
87-68-3	Hexachlorobutadiene	33	380	ND	U
59-50-7	4-Chloro-3-methylphenol	31	380	ND	U
91-57-6	2-Methylnaphthalene	38	380	ND	U
77-47-4	Hexachlorocyclopentadiene	67	380	ND	U
88-06-2	2,4,6-Trichlorophenol	65	380	ND	U
95-95-4	2,4,5-Trichlorophenol	49	380	ND	U
91-58-7	2-Chloronaphthalene	33	380	ND	U
88-74-4	2-Nitroaniline	25	750	ND	U
131-11-3	Dimethylphthalate	21	380	ND	U
606-20-2	2,6-Dinitrotoluene	24	380	ND	U
208-96-8	Acenaphthylene	26	380	33	J
99-09-2	3-Nitroaniline	25	750	ND	U
83-32-9	Acenaphthene	22	380	120	J

ND = Not Detected
Q = Qualifier

FORM I SV-1

1BCWC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client Project ID:
Client SDG No: 17
Client Sample ID: WMSOIL-063003-002

Lab Project Number: ET03044
Method: 8270C
Date Collected: 06/30/03

Lab Sample ID: 1701
Sample wt/vol: 30.0 (g/mL) G
Level: (low/med) LOW

Date Received: 07/01/03
Lab File ID: 1701A60
Analyst: 2319

% Moisture: 12 decanted: (Y/N) N
Concentrated Extract Volume: 1000(uL)
Injection Volume: 1.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: WG25304-1

Date Extracted: 07/01/03
Date Analyzed: 07/06/03
Dilution Factor: 1.0

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
51-28-5	2,4-Dinitrophenol	160	1900	ND	U
100-02-7	4-Nitrophenol	51	750	ND	U
121-14-2	2,4-Dinitrotoluene	13	380	ND	U
132-64-9	Dibenzofuran	29	380	72	J
84-66-2	Diethylphthalate	15	380	ND	U
7005-72-3	4-Chlorophenyl-phenylether	23	380	ND	U
86-73-7	Fluorene	17	380	86	J
100-01-6	4-Nitroaniline	19	750	ND	U
534-52-1	4,6-Dinitro-2-methylphenol	34	750	ND	U
86-30-6	N-Nitrosodiphenylamine (1)	31	380	ND	U
101-55-3	4-Bromophenyl-phenylether	27	380	ND	U
118-74-1	Hexachlorobenzene	29	380	ND	U
87-86-5	Pentachlorophenol	46	750	ND	U
85-01-8	Phenanthrene	24	380	1500	
120-12-7	Anthracene	25	380	250	J
86-74-8	Carbazole	25	380	160	J
84-74-2	Di-n-butylphthalate	20	380	ND	U
206-44-0	Fluoranthene	16	380	2200	
129-00-0	Pyrene	27	380	2000	
85-68-7	Butylbenzylphthalate	21	380	ND	U
91-94-1	3,3'-Dichlorobenzidine	16	750	ND	U
117-81-7	bis(2-ethylhexyl)Phthalate	39	380	67	J
56-55-3	Benzo(a)anthracene	24	380	1000	
218-01-9	Chrysene	28	380	1000	
117-84-0	Di-n-octylphthalate	19	380	ND	U
205-99-2	Benzo(b)fluoranthene	24	380	860	
207-08-9	Benzo(k)fluoranthene	36	380	930	
50-32-8	Benzo(a)pyrene	26	380	840	
193-39-5	Indeno(1,2,3-cd)pyrene	30	380	490	
53-70-3	Dibenzo(a,h)anthracene	29	380	170	J
191-24-2	Benzo(g,h,i)perylene	33	380	400	

(1) - Cannot be separated from Diphenylamine
ND = Not Detected
Q = Qualifier

FORM I SV-2

1BCWC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client Project ID:
Client SDG No: 17
Client Sample ID: SLCSJP

Lab Project Number: ET03044
Method: 8270C
Date Collected: _____

Lab Sample ID: WG25304-2
Sample wt/vol: 30.0 (g/mL) G
Level: (low/med) LOW

Date Received: _____
Lab File ID: WG25304-2A60
Analyst: 2319

% Moisture: 0 decanted: (Y/N) N
Concentrated Extract Volume: 1000(uL)
Injection Volume: 1.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: WG25304-1

Date Extracted: 07/01/03
Date Analyzed: 07/06/03
Dilution Factor: 1.0

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
108-95-2	Phenol	35	330	1900	
111-44-4	Bis(2-chloroethyl)ether	30	330	1500	
95-57-8	2-Chlorophenol	36	330	1800	
541-73-1	1,3-Dichlorobenzene	34	330	1200	
106-46-7	1,4-Dichlorobenzene	29	330	1200	
95-50-1	1,2-Dichlorobenzene	33	330	1300	
95-48-7	2-Methylphenol	29	330	1800	
108-60-1	2,2'-oxybis(1-Chloropropane)	40	330	1500	
106-44-5	4-Methylphenol	28	330	3700	
621-64-7	N-Nitroso-di-N-propylamine	33	330	1500	
67-72-1	Hexachloroethane	37	330	1200	
98-95-3	Nitrobenzene	43	330	1200	
78-59-1	Isophorone	30	330	1600	
88-75-5	2-Nitrophenol	30	330	1800	
105-67-9	2,4-Dimethylphenol	30	330	2000	
111-91-1	Bis(2-chloroethoxy)methane	36	330	1700	
120-83-2	2,4-Dichlorophenol	22	330	1900	
120-82-1	1,2,4-Trichlorobenzene	42	330	1400	
91-20-3	Naphthalene	35	330	1600	
106-47-8	4-Chloroaniline	9.5	330	1500	
87-68-3	Hexachlorobutadiene	33	330	1400	
59-50-7	4-Chloro-3-methylphenol	31	330	2000	
91-57-6	2-Methylnaphthalene	38	330	1700	
77-47-4	Hexachlorocyclopentadiene	67	330	1600	
88-06-2	2,4,6-Trichlorophenol	65	330	2200	
95-95-4	2,4,5-Trichlorophenol	49	330	2100	
91-58-7	2-Chloronaphthalene	33	330	1700	
88-74-4	2-Nitroaniline	25	660	2100	
131-11-3	Dimethylphthalate	21	330	1700	
606-20-2	2,6-Dinitrotoluene	24	330	1800	
208-96-8	Acenaphthylene	26	330	1900	
99-09-2	3-Nitroaniline	25	660	1700	
83-32-9	Acenaphthene	22	330	1900	

ND = Not Detected
Q = Qualifier

FORM I SV-1

1BCWC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client Project ID:
Client SDG No: 17
Client Sample ID: SLCSJP

Lab Project Number: ET03044
Method: 8270C
Date Collected: _____

Lab Sample ID: WG25304-2
Sample wt/vol: 30.0 (g/mL) G
Level: (low/med) LOW

Date Received: _____
Lab File ID: WG25304-2A60
Analyst: 2319

% Moisture: 0 decanted: (Y/N) N
Concentrated Extract Volume: 1000(uL)
Injection Volume: 1.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: WG25304-1

Date Extracted: 07/01/03
Date Analyzed: 07/06/03
Dilution Factor: 1.0

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
51-28-5	2,4-Dinitrophenol	160	1700	2200	
100-02-7	4-Nitrophenol	51	660	2100	
121-14-2	2,4-Dinitrotoluene	13	330	1900	
132-64-9	Dibenzofuran	29	330	1900	
84-66-2	Diethylphthalate	15	330	1800	
7005-72-3	4-Chlorophenyl-phenylether	23	330	1800	
86-73-7	Fluorene	17	330	2000	
100-01-6	4-Nitroaniline	19	660	1800	
534-52-1	4,6-Dinitro-2-methylphenol	34	660	2000	
86-30-6	N-Nitrosodiphenylamine (1)	31	330	1800	
101-55-3	4-Bromophenyl-phenylether	27	330	1900	
118-74-1	Hexachlorobenzene	29	330	1900	
87-86-5	Pentachlorophenol	46	660	2600	
85-01-8	Phenanthrene	24	330	2100	
120-12-7	Anthracene	25	330	2000	
86-74-8	Carbazole	25	330	2200	
84-74-2	Di-n-butylphthalate	20	330	1900	
206-44-0	Fluoranthene	16	330	2100	
129-00-0	Pyrene	27	330	2000	
85-68-7	Butylbenzylphthalate	21	330	1900	
91-94-1	3,3'-Dichlorobenzidine	16	660	1300	
117-81-7	bis(2-ethylhexyl)Phthalate	39	330	1900	
56-55-3	Benzo(a)anthracene	24	330	2000	
218-01-9	Chrysene	28	330	2000	
117-84-0	Di-n-octylphthalate	19	330	1900	
205-99-2	Benzo(b)fluoranthene	24	330	2000	
207-08-9	Benzo(k)fluoranthene	36	330	2100	
50-32-8	Benzo(a)pyrene	26	330	2000	
193-39-5	Indeno(1,2,3-cd)pyrene	30	330	2100	
53-70-3	Dibenzo(a,h)anthracene	29	330	2100	
191-24-2	Benzo(g,h,i)perylene	33	330	2000	

(1) - Cannot be separated from Diphenylamine
ND = Not Detected
Q = Qualifier

FORM I SV-2

FORM 2
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 17

Level:(low/med) LOW

	CLIENT SAMPLE NO.	S1 (2FP)#	S2 (PHL)#	S3 (NBZ)#	S4 (FBP)#	S5 (TBP)#	S6 (TPH)#	S7 #	S8 #	TOT OUT
01	SBLKJP	65	63	56	59	68	70			0
02	SLCSJP	38	39	33*	38	45	46			1
03	WMSOIL-06300	68	70	59	65	81	79			0
04										
05										
06										
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08										
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28										

		QC LIMITS
S1 (2FP)	= 2-Fluorophenol	(35-110)
S2 (PHL)	= Phenol-d5	(38-110)
S3 (NBZ)	= Nitrobenzene-d5	(35-110)
S4 (FBP)	= 2-Fluorobiphenyl	(37-110)
S5 (TBP)	= 2,4,6-Tribromophenol	(22-139)
S6 (TPH)	= Terphenyl-d14	(43-114)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3D
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

SLCSJP

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2667	1880	70	23-134
Bis(2-chloroethyl)ether	2667	1458	55	19-113
2-Chlorophenol	2667	1794	67	20-133
1,3-Dichlorobenzene	2667	1165	44	10-127
1,4-Dichlorobenzene	2667	1190	45	10-127
1,2-Dichlorobenzene	2667	1269	48	11-127
2-Methylphenol	2667	1790	67	21-125
2,2'-oxybis(1-Chloropro	2667	1486	56	18-114
4-Methylphenol	5333	3663	69	10-100
N-Nitroso-di-N-prop.(1)	2667	1548	58	12-140
Hexachloroethane	2667	1153	43	10-131
Nitrobenzene	2667	1226	46	18-127
Isophorone	2667	1574	59	21-117
2-Nitrophenol	2667	1773	66	20-128
2,4-Dimethylphenol	2667	2034	76	10-133
Bis(2-chloroethoxy)meth	2667	1674	63	22-141
2,4-Dichlorophenol	2667	1915	72	20-137
1,2,4-Trichlorobenzene	2667	1432	54	15-131
Naphthalene	2667	1628	61	14-113
4-Chloroaniline	2667	1522	57	10-107
Hexachlorobutadiene	2667	1352	51	11-137
4-Chloro-3-methylphenol	2667	1980	74	19-137
2-Methylnaphthalene	2667	1699	64	16-146
Hexachlorocyclopentadie	2667	1627	61	10-150
2,4,6-Trichlorophenol	2667	2161	81	21-148
2,4,5-Trichlorophenol	2667	2074	78	20-147
2-Chloronaphthalene	2667	1731	65	15-138
2-Nitroaniline	2667	2115	79	20-132

(1) N-Nitroso-di-n-propylamine
Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

3D
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

SLCSJP

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Dimethylphthalate	2667	1670	63	20-129
2,6-Dinitrotoluene	2667	1751	66	18-131
Acenaphthylene	2667	1882	70	18-121
3-Nitroaniline	2667	1694	64	11-105
Acenaphthene	2667	1944	73	18-112
2,4-Dinitrophenol	2667	2191	82	10-150
4-Nitrophenol	2667	2126	80	10-145
2,4-Dinitrotoluene	2667	1878	70	18-128
Dibenzofuran	2667	1899	71	24-131
Diethylphthalate	2667	1791	67	18-128
4-Chlorophenyl-phenylet	2667	1762	66	18-130
Fluorene	2667	1979	74	15-123
4-Nitroaniline	2667	1789	67	10-113
4,6-Dinitro-2-methylphe	2667	2000	75	10-150
N-Nitrosodiphenylamine	2667	1834	69	23-123
4-Bromophenyl-phenyleth	2667	1863	70	21-131
Hexachlorobenzene	2667	1865	70	15-148
Pentachlorophenol	2667	2578	97	10-150
Phenanthrene	2667	2077	78	18-123
Anthracene	2667	1980	74	19-120
Carbazole	2667	2159	81	24-140
Di-n-butylphthalate	2667	1906	71	20-131
Fluoranthene	2667	2084	78	16-127
Pyrene	2667	2035	76	12-123
Butylbenzylphthalate	2667	1930	72	20-119
3,3'-Dichlorobenzidine	2667	1302	49	10-129
bis(2-ethylhexyl)Phthal	2667	1933	72	18-125
Benzo(a)anthracene	2667	2034	76	17-117

(1) N-Nitroso-di-n-propylamine
Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

3D
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

SLCSJP

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Chrysene	2667	2036	76	19-121
Di-n-octylphthalate	2667	1857	70	13-135
Benzo(b)fluoranthene	2667	1965	74	10-126
Benzo(k)fluoranthene	2667	2106	79	12-129
Benzo(a)pyrene	2667	2048	77	15-120
Indeno(1,2,3-cd)pyrene	2667	2139	80	15-127
Dibenzo(a,h)anthracene	2667	2066	77	10-130
Benzo(g,h,i)perylene	2667	2037	76	13-125

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 64 outside limits

COMMENTS: _____

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

SBLKJP

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 17

Lab File ID: WG25304-1A60 Lab Sample ID: WG25304-1

Instrument ID: 5972HP60 Date Extracted: 07/01/03

Matrix: (soil/water) SOIL Date Analyzed: 07/06/03

Level:(low/med) LOW Time Analyzed: 1704

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SLCSJP	WG25304-2	WG25304-2A60	07/06/03
02	WMSOIL-06300	1701	1701A60	07/06/03
03				
04				
05				
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COMMENTS:

1BCWC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client Project ID:
Client SDG No: 17
Client Sample ID: SBLKJP

Lab Project Number: ET03044
Method: 8270C
Date Collected: _____

Lab Sample ID: WG25304-1
Sample wt/vol: 30.0 (g/mL) G
Level: (low/med) LOW

Date Received: _____
Lab File ID: WG25304-1A60
Analyst: 2319

% Moisture: _____ decanted: (Y/N) ___
Concentrated Extract Volume: 1000(uL)
Injection Volume: 1.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: WG25304-1

Date Extracted: 07/01/03
Date Analyzed: 07/06/03
Dilution Factor: 1.0

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
108-95-2	Phenol	35	330	ND	U
111-44-4	Bis(2-chloroethyl)ether	30	330	ND	U
95-57-8	2-Chlorophenol	36	330	ND	U
541-73-1	1,3-Dichlorobenzene	34	330	ND	U
106-46-7	1,4-Dichlorobenzene	29	330	ND	U
95-50-1	1,2-Dichlorobenzene	33	330	ND	U
95-48-7	2-Methylphenol	29	330	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	40	330	ND	U
106-44-5	4-Methylphenol	28	330	ND	U
621-64-7	N-Nitroso-di-N-propylamine	33	330	ND	U
67-72-1	Hexachloroethane	37	330	ND	U
98-95-3	Nitrobenzene	43	330	ND	U
78-59-1	Isophorone	30	330	ND	U
88-75-5	2-Nitrophenol	30	330	ND	U
105-67-9	2,4-Dimethylphenol	30	330	ND	U
111-91-1	Bis(2-chloroethoxy)methane	36	330	ND	U
120-83-2	2,4-Dichlorophenol	22	330	ND	U
120-82-1	1,2,4-Trichlorobenzene	42	330	ND	U
91-20-3	Naphthalene	35	330	ND	U
106-47-8	4-Chloroaniline	9.5	330	ND	U
87-68-3	Hexachlorobutadiene	33	330	ND	U
59-50-7	4-Chloro-3-methylphenol	31	330	ND	U
91-57-6	2-Methylnaphthalene	38	330	ND	U
77-47-4	Hexachlorocyclopentadiene	67	330	ND	U
88-06-2	2,4,6-Trichlorophenol	65	330	ND	U
95-95-4	2,4,5-Trichlorophenol	49	330	ND	U
91-58-7	2-Chloronaphthalene	33	330	ND	U
88-74-4	2-Nitroaniline	25	660	ND	U
131-11-3	Dimethylphthalate	21	330	ND	U
606-20-2	2,6-Dinitrotoluene	24	330	ND	U
208-96-8	Acenaphthylene	26	330	ND	U
99-09-2	3-Nitroaniline	25	660	ND	U
83-32-9	Acenaphthene	22	330	ND	U

ND = Not Detected
Q = Qualifier

FORM I SV-1

1BCWC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Client Project ID:
Client SDG No: 17
Client Sample ID: SBLKJP

Lab Project Number: ET03044
Method: 8270C
Date Collected: _____

Lab Sample ID: WG25304-1
Sample wt/vol: 30.0 (g/mL) G
Level: (low/med) LOW

Date Received: _____
Lab File ID: WG25304-1A60
Analyst: 2319

% Moisture: _____ decanted: (Y/N)___
Concentrated Extract Volume: 1000(uL)
Injection Volume: 1.0(uL)
GPC Cleanup: (Y/N) N
Method Blank: WG25304-1

Date Extracted: 07/01/03
Date Analyzed: 07/06/03
Dilution Factor: 1.0

CAS NO.	COMPOUND	MDL	Reporting Limit UG/KG	Results UG/KG	Q
51-28-5	2,4-Dinitrophenol	160	1700	ND	U
100-02-7	4-Nitrophenol	51	660	ND	U
121-14-2	2,4-Dinitrotoluene	13	330	ND	U
132-64-9	Dibenzofuran	29	330	ND	U
84-66-2	Diethylphthalate	15	330	ND	U
7005-72-3	4-Chlorophenyl-phenylether	23	330	ND	U
86-73-7	Fluorene	17	330	ND	U
100-01-6	4-Nitroaniline	19	660	ND	U
534-52-1	4,6-Dinitro-2-methylphenol	34	660	ND	U
86-30-6	N-Nitrosodiphenylamine (1)	31	330	ND	U
101-55-3	4-Bromophenyl-phenylether	27	330	ND	U
118-74-1	Hexachlorobenzene	29	330	ND	U
87-86-5	Pentachlorophenol	46	660	ND	U
85-01-8	Phenanthrene	24	330	ND	U
120-12-7	Anthracene	25	330	ND	U
86-74-8	Carbazole	25	330	ND	U
84-74-2	Di-n-butylphthalate	20	330	ND	U
206-44-0	Fluoranthene	16	330	ND	U
129-00-0	Pyrene	27	330	ND	U
85-68-7	Butylbenzylphthalate	21	330	ND	U
91-94-1	3,3'-Dichlorobenzidine	16	660	ND	U
117-81-7	bis(2-ethylhexyl)Phthalate	39	330	ND	U
56-55-3	Benzo(a)anthracene	24	330	ND	U
218-01-9	Chrysene	28	330	ND	U
117-84-0	Di-n-octylphthalate	19	330	ND	U
205-99-2	Benzo(b)fluoranthene	24	330	ND	U
207-08-9	Benzo(k)fluoranthene	36	330	ND	U
50-32-8	Benzo(a)pyrene	26	330	ND	U
193-39-5	Indeno(1,2,3-cd)pyrene	30	330	ND	U
53-70-3	Dibenzo(a,h)anthracene	29	330	ND	U
191-24-2	Benzo(g,h,i)perylene	33	330	ND	U

(1) - Cannot be separated from Diphenylamine
ND = Not Detected
Q = Qualifier

FORM I SV-2

EXTRACTION WORKSHEET

Low Level Soil S-V Method 3550B for 8270C

CompuChem

176

ASSIGNED TO: Kelly / Jim

EMP ID NUMBER: 253512543

DATE EXTRACTED/POSTED: 7/1/03

7-1-9

17

	SAMPLE NUMBER	QC SAMPLE TYPE	SAMPLE WEIGHT (g)	FINAL VOLUME (ml)	COMMENTS
1	M1822-19		30.0	1.0	Add 1.0 mL of validation spike to LCS and SSs unless otherwise noted
2	↓-20		30.0	1.0	
3	WB25304-3	SS	30.0	1.0	GPC (3640A) PERFORMED Y / N
4	↓-4	SS	30.0	1.0	Use M-20 for SS
5	1701		30.0	1.0	
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23	WB25304-1	BLK	30.0	1.0	
24	↓-2	LCS	30.0	1.0	

		S-VOL	Acid	B/N	Others
SURROGATE	NO.	393			
	AMT.	0.5 ml			
	LOT	54646			
SPIKE	NO.		3012	2021	VALID.
	AMT.		1.0 ml	1.0ml	1.0 ml
	LOT				454647

FINAL VOLUME VERIFIED: KP

SUPERVISOR REVIEWED: [signature]

SURROGATE & SPIKE ADDED BY: KP, 7-1-03 (Initials Date)

Witness KP, 7-1-03 (Initials Date)

Analyst initials. Extracted KP/JDS/JS KD KP/JDS/JS N2 KP/JDS/JS Bottle up KP/JDS/JS

Manufacturer and lot number of reagents/solvents used CH_2Cl_2: CH732 Na_2SO_4: 47405 Acetone: CE167

Rev. 2/28/00 mlj

CompuChem

a division of Liberty Analytical Corp.

08-Jul-03

LISA SMITH
EARTH TECH
4135 TECHNOLOGY PARKWAY

Sheboygan, WI 53083

Subject:
Report of Data-Project: ET03044

Attn.: LISA SMITH

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097.

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER

OF PAGES_____

501 Madison Avenue ■ Cary, N.C. 27513 ■ Tel: 919-379-4100 ■ Fax: 919-379-4050

CompuChem, a division of Liberty Analytical

Hsn	Client ID	Wordorder	Matrix	Account	Project	Report
1701	WMSOIL-063003-00	17	S	CHRYSLER	ET03044	7/7/2003
1702	TRIP BLANK	17	W	CHRYSLER	ET03044	7/7/2003

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE

SDG # 17
PROTOCOL: SW-846
SAMPLE IDENTIFICATIONS: 1701 and 1702.

The 1 soil and 1 water samples listed above were received intact, refrigerated at 5.4°C, with documentation, in sealed shipping containers, on July 1, 2003. Chain-of-custody documentation was received for all but one of these samples, TRIP BLANK. The client was contacted and the analysis of TRIP BLANK was scheduled in accordance with their request. Sample 1701 submitted for volatile organic analysis in this SDG was received in EnCore® samplers and were prepared according to the Modified SW-846 Method 5035. SW-846, 3rd Edition, Update 3, 8260B was used to analyze the samples. All pertinent Quality Assurance notices are included in the narrative section, and all pertinent Laboratory notices for SDG 17 are included in the sample data sections.

Analysis holding time requirements were met for all of the samples. The percent moisture of 1701 is 12. In the initial analysis of 1701, the response of the internal standard, IS, failed quality control criteria. The sample was reanalyzed and the internal standard again failed response criteria. We have attributed the failing internal standard responses to the particular matrix of the sample. Therefore we have reported both analyses of 1701. All of the internal standards met response and retention time criteria in the analyses of the rest of the samples. All of the system monitoring compounds met recovery criteria in the analyses of the samples.

All Bromoflourobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG. Manual quantitations were performed on one or more of the process files associated with this SDG, although none were required for any of the associated samples. The associated method blanks met all quality control criteria. The associated Laboratory Control Samples (LCS) met all accuracy criteria

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kenneth Grzybowski
Analyst II
July 7, 2003

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0.53	0.5	30
J & W	DB-608	0.53	0.83	30
Restek	CLPesticides	0.53	0.5	30
Restek	CLPesticides II	0.53	0.42	30
GC Volatiles Laboratory				
Restek	RTX-1	0.53	0.5	105
Restek	RTX-502.2	0.53	0.5	105
GC/MS Volatiles Laboratory				
J & W	DB-624	0.53	3.0	30/75
J & W	DB-624	0.25	1.4	60
J & W	DB-624	0.32	1.8	60
Restek	RTX-624	0.32	1.8	60
Restek	RTX-VMS*	0.18	1.0	20
Supelco	SPB-624	0.32	1.4	60
Supelco	Equity™-624	0.53	3.0	75
Zebron	ZB-624	0.32	1.8	60
GC/MS Semivolatiles Laboratory				
Restek	RTX-5MS	0.25	0.25	30
Restek	RTX-5MS	0.32	0.25	30
HPLC Laboratory				
Supelco	Supelcosil LC-PAH	4.6	5.0	15 cm
Supelco	Discovery RP Amide C16	4.6	5.0	25 cm
Restek	Pinnacle Cyano	4.6	5.0	25 cm
Restek	Allure C18	4.6	5.0	25 cm

*Note: The RTX-VMS column is currently not used for EPA CLP analyses.

TRAPS

GC and GC/MS Volatiles Laboratory	
Tekmar 3	* 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Tekmar 5	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Supelco K (Vocarb3000)	* 10 cm of Carbopack B (Graphitized Carbons) * 6 cm of Carboxen 1000 (Carbon molecular sieves) * 1 cm of Carboxen 1001 (Carbon molecular sieves)

DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below:

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1.0 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 µg/L, but a concentration of 3 µg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search. For generic characterization of a TIC such as 'chlorinated hydrocarbon', the N flag is not used.

P : In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the higher of the two values is reported and flagged with a P. When the RPD is equal to or less than 40%, our policy is to also report the higher of the two values, although the choice could be a project specific issue. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution. Results are still flagged with a P if the RPD between columns is greater than 40%.

DATA REPORTING QUALIFIERS (continued)

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i.e. the results from both analyses <u>are not combined</u> on a single Form I.

A : This flag indicates that a TIC is a suspected aldol-condensation product.

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y and Z.

Profile 1221

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech / Chrysler
Project: Dayton Thermal Soil
~~Quote:~~ work order # 17
Login No.
Subcontract? Y / (N)
TAT Verbal Report 6 days

Rec'd Date: 7-1-03
Courier: Fed Ex
Airbill No. 841550721512

PPS/RFA ET03044
Lab Instructions
VOC TCL3CT + MTBE SUB
SVOC TCL3
PCB 8082
15

Cooler Rec'd By: C. Pierce
Sample Login By: [illegible]
Temperature: 5.4 °C
Cyanide Samples checked for sulfide & chlorine? Y / (NA)
Phenol Samples checked for chlorine? Y / (NA)
Received in Good Condition? (Y) / N
If no, explain: * Received 6 Trip Blanks not listed on C-O-C!!

CompuChem ID	Client ID	QC	Matrix	Date 20 03	Military Time	Parameters: VOC's No. & Type	pH	VOC's % Moist. No. & Type	pH	SVOC's PCB's No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH	No. & Type	pH
1701	WM7SOIL-063003-002 (7/1/03)		Soil	6/30	10:00	3-5g Encore		1-2oz		1-8oz											
1702	TRIP BLANK		H_2O	✓	—	4-40m															

7/1/03

Container Type Abbreviations: 40ml.(40ml. vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER

rll - 6/28/01 dcc

DAIMLERCHRYSLER — Chain-of-Custody

№ 00553 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: DCX - DAYTON THERMAL Site Location: DAYTON, OH Site Code: RFA Number: ET 03044 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	VOCs (5g ENCORE)	VOCs (1 - 2oz)	SVOCs /PCBs (1 - 8oz)						Remarks
WMSOIL-063003-002	6/30/03	1000hr	G	S	~~6~~ 5	3	1	1						* Received 6 Trip Blanks not listed on COC! analyze trip blank per Fred Smith @ Earth Tec rec'd 4 w/o air bubbles will use 1 of these for analysis. CD 7/1/03

Sampler(s)	Cooler ID #			Samples Relinquished under Airbill No.			Temperature (corrected) 5.4 C
SC	Relinquished by: STEVE CERVI	Date: 6/30/03	Time: 1330	Received by: C. Pierce	Date: 7-1-03	Time: 9:00	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

Custody Seals #1 & 2

Revision No. 3
Created: July 9, 1999

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

DAIMLERCHRYSLER CORPORATION BOTTLE REQUEST AND SHIPMENT FORM

№ 00455A

6/26 AM

PARAMETER	NO. OF BOTTLES NEEDED FOR TEST	NO. OF BOTTLES SENT	CHEMICAL PRESERVATIVE	PRESERVATIVE LOT NO.	BOTTLE TYPE	BOTTLE LOT NO.
Volatiles (H2O)	2		HCl		Vials (40 ml)	
Semivolatiles (H2O)	2*		None	N/A	Amber Liter	
PCBs (H2O)	2*		None	N/A	Amber Liter	
Metals (H2O)	1		HNO3		500 ml Plastic	
Cyanide (H2O)	1		NaOH		Plastic Liter	
TPH- 418.1 (H2O)	2*		HCl		Amber Liter	
TPH-GRO (H2O)	2		HCl		Vials (40 ml)	
TPH-DRO (H2O)	2*		HCl		Amber Liter	
Volatiles (Soil)	1	2	None	N/A	(2 oz. or 4 oz.) Jars	D/2 8341040
Volatiles (Soil - Low Level)	3	6	None	N/A	5 g Encore Samplers	K113 1040
Volatiles (Soil)	1		None	N/A	25 g Encore Samplers	
TPH-GRO (Soil)	2		None	N/A	5 g Encore Samplers	
Semivolatiles/PCBs/~~418.1~~/ ~~DRO/Metals~~/Moisture (Soil)	1	2	None	N/A	8 oz. Glass Jar	F208401K
DI Water - Carboy #	N/A		N/A	N/A	Amber Liter	
Trip Blank -Carboy # 3	2	4	HCl	Pre-pres.	Vials (40 ml)	
Temperature Blank	N/A	1 per cooler	N/A	N/A	N/A	N/A

Customer Service Rep: Cathy Dover Date 6/24/03

RFA Number ET03044

Ship To Address: EARTH TECH
Extended Stay America
Guest: Jamie Dickson
6688 Miller Lane
Dayton, OH 45414
(937) 898-9221

pH strips? Yes / No Labels? Yes / No
DaimlerChrysler COCs Yes / No Custody seals? Yes / No
Site-specific MS/MSD Yes / No
Cooler No(s): 1-cooler

Packed/Shipped by: R Schiller Date 6/25/03

THIS SECTION COMPLETED BY ENGINEERING FIRM:

Recipient's Signature: [signature]
Date Received: 6/26/03

Was all glassware received? Yes / No Received in good condition? Yes / No
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: *Our metal T-handles have not been returned this week yet! I guess because it is the busy time in the "sampling season". Spoke w/ Lisa Smith - She ord sending disposal 5g plungers.

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

6/24/03

CompuChem, a Division of Liberty Analytical

Workorder Summary Report

Workorder 17 | Account: CHRYSLE

Status: | Project: ET03044

SAMPLE ID	CLIENT	COLLECT DATE	RECEIVE DATE	DUE DATE	COMMENTS
1701	WMSOIL-063003-	6/30/2003	7/1/2003	7/7/2003	RFA ET03044**VOC TCL3CT + MTBE.SUB**SVOC TCL3**PCB 8082**LCS ONLY
S	**DRY WEIGHT**	**Dry Weight**			
S	**VS8260L3CM**	**VOC LL 8260 TCL3CIS/TRANS/MTBE**			
S	**SS8270LTC3**	**SVOC LL 8270C TCL3 SOIL**			
S	**GS82PCB**	**PCB 8082 SOIL**			
1702	TRIP BLANK	6/30/2003	7/1/2003	7/7/2003	RFA ET03044**TRIP BLK RUN WITH SOILS**VOC TCL3CT + MTBE.SUB**LCS ONLY
W	**VW82-53CTM**	**VOC 8260 5ML TCL3CIS/TRANS+MTB**			

CompuChem, a Division of Liberty Analytical

INTERNAL CHAIN OF CUSTODY

Laboratory: Volatiles Matrix: S

Request Date: 7/3/2003 Batch 1743

Comments:

	CCN	Receipt	Analysis Param	Container	Preservative	Bottle
1	1701	7/1/2003	VS8260LX	40MLENCO	NONE	1701-1

Relinquished By:	Received By:	Date/Time	Reason
Ref#8	[illegible]	7-4-3 / 18:30	Analysis
[illegible]	Ref#8	7-4-3 / 22:10	Temp Stor
Ref#8	[illegible]	7-5-3 / 18:10	Analysis
[illegible]	Ref#8	7-5-3 / 23:11	Temp storage

Thursday, July 03, 2003

CompuChem
a Division of Liberty Analytical Corp.

GC/MS VOA Batch Sheet - Soils

SPP-155/-233/-243

10

Department: VOC

Method: 8260B 5ppb chrysler

Batch No: 1743

CCN	Samp Typ	Client ID	Wt	Time	Date	INST #	Operator	H/T	Volume	Report	Comments
265	MB	VBLKBA						07/03/03			
266	MB	VBLKBB						07/03/03			
267	MB	VBLKBC						07/03/03			
268	LCS	VBALCS						07/03/03			
269	LCS	VBBLCS						07/03/03			
1701	SAMPLE	WMSOIL-063003-002	5.43	2108	7-4-3	61	2323	07/07/03		DL/SIL	
1702		Trip blank	5ml	2129	1	1	1			✓	
1701R			6.24		7-8-3	61	2222			125	

RM 7-7-03

DUE 7/7/03

TCL 3 CT + MTBE

2nd source LCS

a Division of Liberty Analytical

EnCore™ Preparation Worksheet

-238 / -243 / -233

SDG: 1701 Prepared By: Henry Ho Date: 7-1-03

	LoginNum	Date	Time	Weight of Jar (g) *	Weight of Jar + Sample (g)	Weight of Sample (g)
1	1701	7-1-03	19:08	27.93	33.36	5.43
2	R1	↓	↓ 09	28.43	34.67	6.24
3	MeOH	↓	↓ 40	27.74	34.12	
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						

Volume of Methanol Added: 5ml

Lot Numbers of Preservatives Sodium Bisulfate: B314201G Methanol: 42346

Reviewed By: _____

*Weight of Jar for Sodium Bisulfate preserved Encores is the sum of the weights of the vial, preservative and stir bar
*Weight of Jar for Methanol preserved Encores is the sum of the weights of the vial and preservative

%Moisture and pH report

SAMPLE ID	ANALYSIS	RESULT
1701	MOISTURE	11.7647

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Project: Date Sampled: 06/30/03

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 1702

Sample wt/vol: 5.00(g/mL) G Lab File ID: 1702B61

Level: (low/med) LOW Date Received: 07/01/03

% Moisture: not dec. _____ Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5		U
75-01-4	Vinyl Chloride	5		U
74-83-9	Bromomethane	5		U
75-00-3	Chloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-15-0	Carbon disulfide	5		U
67-64-1	Acetone	13	8	JB
75-09-2	Methylene Chloride	5	0.9	JB
156-60-5	trans-1,2-Dichloroethene	5		U
1634-04-4	Methyl-tert-butyl ether	5		U
75-34-3	1,1-Dichloroethane	5		U
156-59-2	cis-1,2-Dichloroethene	5		U
78-93-3	2-butanone	13	1	JB
67-66-3	Chloroform	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
107-06-2	1,2-Dichloroethane	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
108-10-1	4-Methyl-2-pentanone	13		U
108-88-3	Toluene	5	1	JB
10061-02-6	trans-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
127-18-4	Tetrachloroethene	5		U
591-78-6	2-hexanone	13		U
124-48-1	Dibromochloromethane	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
100-42-5	Styrene	5		U
75-25-2	Bromoform	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Project: Date Sampled: 06/30/03

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 1702

Sample wt/vol: 5.00(g/mL) G Lab File ID: 1702B61

Level: (low/med) LOW Date Received: 07/01/03

% Moisture: not dec. _____ Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5		U
1330-20-7	Xylene (total)	15		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBALCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 268

Sample wt/vol: 5.00(g/mL) G Lab File ID: 268B61_17

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/05/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5	52	
75-01-4	Vinyl Chloride	5	56	
74-83-9	Bromomethane	5	55	
75-00-3	Chloroethane	5	56	
75-35-4	1,1-Dichloroethene	5	60	
75-15-0	Carbon disulfide	5	61	
67-64-1	Acetone	13	130	B
75-09-2	Methylene Chloride	5	53	B
156-60-5	trans-1,2-Dichloroethene	5	56	
1634-04-4	Methyl-tert-butyl ether	5	58	
75-34-3	1,1-Dichloroethane	5	58	
156-59-2	cis-1,2-Dichloroethene	5	56	
78-93-3	2-butanone	13	140	B
67-66-3	Chloroform	5	55	
71-55-6	1,1,1-Trichloroethane	5	54	
56-23-5	Carbon Tetrachloride	5	56	
71-43-2	Benzene	5	60	
107-06-2	1,2-Dichloroethane	5	56	
79-01-6	Trichloroethene	5	54	
78-87-5	1,2-Dichloropropane	5	56	
75-27-4	Bromodichloromethane	5	53	
10061-01-5	cis-1,3-Dichloropropene	5	59	
108-10-1	4-Methyl-2-pentanone	13	150	
108-88-3	Toluene	5	57	B
10061-02-6	trans-1,3-Dichloropropene	5	61	
79-00-5	1,1,2-Trichloroethane	5	63	
127-18-4	Tetrachloroethene	5	56	
591-78-6	2-hexanone	13	140	
124-48-1	Dibromochloromethane	5	60	
108-90-7	Chlorobenzene	5	57	
100-41-4	Ethylbenzene	5	56	
100-42-5	Styrene	5	58	
75-25-2	Bromoform	5	55	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBALCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 268

Sample wt/vol: 5.00(g/mL) G Lab File ID: 268B61_17

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/05/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	59	
1330-20-7	Xylene (total)	15	170	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKBA

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 265

Sample wt/vol: 5.00(g/mL) G Lab File ID: 265B61_17

Level: (low/med) LOW Date Received: 07/03/03

% Moisture: not dec. _____ Date Analyzed: 07/05/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5		U
75-01-4	Vinyl Chloride	5		U
74-83-9	Bromomethane	5		U
75-00-3	Chloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-15-0	Carbon disulfide	5		U
67-64-1	Acetone	13	8	J
75-09-2	Methylene Chloride	5	1	J
156-60-5	trans-1,2-Dichloroethene	5		U
1634-04-4	Methyl-tert-butyl ether	5		U
75-34-3	1,1-Dichloroethane	5		U
156-59-2	cis-1,2-Dichloroethene	5		U
78-93-3	2-butanone	13	1	J
67-66-3	Chloroform	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
107-06-2	1,2-Dichloroethane	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
108-10-1	4-Methyl-2-pentanone	13		U
108-88-3	Toluene	5	0.6	J
10061-02-6	trans-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
127-18-4	Tetrachloroethene	5		U
591-78-6	2-hexanone	13		U
124-48-1	Dibromochloromethane	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
100-42-5	Styrene	5		U
75-25-2	Bromoform	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKBA

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 265

Sample wt/vol: 5.00(g/mL) G Lab File ID: 265B61_17

Level: (low/med) LOW Date Received: 07/03/03

% Moisture: not dec. _____ Date Analyzed: 07/05/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5		U
1330-20-7	Xylene (total)	15		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKZS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: WG25276-2

Sample wt/vol: 5.00(g/mL) G Lab File ID: WG25276-2B61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5		U
75-01-4	Vinyl Chloride	5		U
74-83-9	Bromomethane	5		U
75-00-3	Chloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-15-0	Carbon disulfide	5		U
67-64-1	Acetone	13	10	J
75-09-2	Methylene Chloride	5	1	J
156-60-5	trans-1,2-Dichloroethene	5		U
1634-04-4	Methyl-tert-butyl ether	5		U
75-34-3	1,1-Dichloroethane	5		U
156-59-2	cis-1,2-Dichloroethene	5		U
78-93-3	2-butanone	13	1	J
67-66-3	Chloroform	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5		U
107-06-2	1,2-Dichloroethane	5		U
79-01-6	Trichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
108-10-1	4-Methyl-2-pentanone	13		U
108-88-3	Toluene	5	0.6	J
10061-02-6	trans-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
127-18-4	Tetrachloroethene	5		U
591-78-6	2-hexanone	13		U
124-48-1	Dibromochloromethane	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5		U
100-42-5	Styrene	5		U
75-25-2	Bromoform	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKZS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: WG25276-2

Sample wt/vol: 5.00(g/mL) G Lab File ID: WG25276-2B61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5		U
1330-20-7	Xylene (total)	15		U

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VZSLCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: WG25276-5

Sample wt/vol: 5.00(g/mL) G Lab File ID: WG25276-5B61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5	58	
75-01-4	Vinyl Chloride	5	54	
74-83-9	Bromomethane	5	57	
75-00-3	Chloroethane	5	57	
75-35-4	1,1-Dichloroethene	5	58	
75-15-0	Carbon disulfide	5	63	
67-64-1	Acetone	13	280	B
75-09-2	Methylene Chloride	5	52	B
156-60-5	trans-1,2-Dichloroethene	5	55	
1634-04-4	Methyl-tert-butyl ether	5	53	
75-34-3	1,1-Dichloroethane	5	57	
156-59-2	cis-1,2-Dichloroethene	5	55	
78-93-3	2-butanone	13	300	B
67-66-3	Chloroform	5	55	
71-55-6	1,1,1-Trichloroethane	5	55	
56-23-5	Carbon Tetrachloride	5	55	
71-43-2	Benzene	5	63	
107-06-2	1,2-Dichloroethane	5	54	
79-01-6	Trichloroethene	5	56	
78-87-5	1,2-Dichloropropane	5	55	
75-27-4	Bromodichloromethane	5	53	
10061-01-5	cis-1,3-Dichloropropene	5	55	
108-10-1	4-Methyl-2-pentanone	13	310	
108-88-3	Toluene	5	59	B
10061-02-6	trans-1,3-Dichloropropene	5	61	
79-00-5	1,1,2-Trichloroethane	5	64	
127-18-4	Tetrachloroethene	5	57	
591-78-6	2-hexanone	13	310	
124-48-1	Dibromochloromethane	5	60	
108-90-7	Chlorobenzene	5	59	
100-41-4	Ethylbenzene	5	60	
100-42-5	Styrene	5	63	
75-25-2	Bromoform	5	56	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VZSLCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: WG25276-5

Sample wt/vol: 5.00(g/mL) G Lab File ID: WG25276-5B61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	58	
1330-20-7	Xylene (total)	15	190	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WMSOIL-0
63003-002

Project: Date Sampled: 06/30/03

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 1701

Sample wt/vol: 5.43(g/mL) G Lab File ID: 1701B61

Level: (low/med) LOW Date Received: 07/01/03

% Moisture: not dec. 12 Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5		U
75-01-4	Vinyl Chloride	5		U
74-83-9	Bromomethane	5		U
75-00-3	Chloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-15-0	Carbon disulfide	5	1	J
67-64-1	Acetone	13	36	B
75-09-2	Methylene Chloride	5	1	JB
156-60-5	trans-1,2-Dichloroethene	5		U
1634-04-4	Methyl-tert-butyl ether	5		U
75-34-3	1,1-Dichloroethane	5		U
156-59-2	cis-1,2-Dichloroethene	5	2	J
78-93-3	2-butanone	13	8	JB
67-66-3	Chloroform	5		U
71-55-6	1,1,1-Trichloroethane	5	0.7	J
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5	5	
107-06-2	1,2-Dichloroethane	5		U
79-01-6	Trichloroethene	5	10	
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
108-10-1	4-Methyl-2-pentanone	13	2	J
108-88-3	Toluene	5	14	B
10061-02-6	trans-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
127-18-4	Tetrachloroethene	5	6	
591-78-6	2-hexanone	13	2	J
124-48-1	Dibromochloromethane	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5	4	J
100-42-5	Styrene	5	0.3	J
75-25-2	Bromoform	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WMSOIL-0
63003-002

Project: Date Sampled: 06/30/03

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 1701

Sample wt/vol: 5.43(g/mL) G Lab File ID: 1701B61

Level: (low/med) LOW Date Received: 07/01/03

% Moisture: not dec. 12 Date Analyzed: 07/04/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5		U
1330-20-7	Xylene (total)	16	6	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WMSOIL-06
3003-002RE

Project: Date Sampled: 06/30/03

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 1701

Sample wt/vol: 6.24(g/mL) G Lab File ID: 1701RB61

Level: (low/med) LOW Date Received: 07/01/03

% Moisture: not dec. 12 Date Analyzed: 07/05/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
74-87-3	Chloromethane	5		U
75-01-4	Vinyl Chloride	5		U
74-83-9	Bromomethane	5		U
75-00-3	Chloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-15-0	Carbon disulfide	5	0.6	J
67-64-1	Acetone	11	26	B
75-09-2	Methylene Chloride	5		U
156-60-5	trans-1,2-Dichloroethene	5		U
1634-04-4	Methyl-tert-butyl ether	5		U
75-34-3	1,1-Dichloroethane	5		U
156-59-2	cis-1,2-Dichloroethene	5	0.5	J
78-93-3	2-butanone	11	6	JB
67-66-3	Chloroform	5		U
71-55-6	1,1,1-Trichloroethane	5	0.5	J
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5	3	J
107-06-2	1,2-Dichloroethane	5		U
79-01-6	Trichloroethene	5	2	J
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
108-10-1	4-Methyl-2-pentanone	11		U
108-88-3	Toluene	5	7	B
10061-02-6	trans-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
127-18-4	Tetrachloroethene	5	4	J
591-78-6	2-hexanone	11	1	J
124-48-1	Dibromochloromethane	5		U
108-90-7	Chlorobenzene	5	0.4	J
100-41-4	Ethylbenzene	5	2	J
100-42-5	Styrene	5	0.3	J
75-25-2	Bromoform	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WMSOIL-06
3003-002RE

Project: Date Sampled: 06/30/03

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Matrix: (soil/water) SOIL Lab Sample ID: 1701

Sample wt/vol: 6.24(g/mL) G Lab File ID: 1701RB61

Level: (low/med) LOW Date Received: 07/01/03

% Moisture: not dec. 12 Date Analyzed: 07/05/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/KG	Q
79-34-5	1,1,2,2-Tetrachloroethane	5	0.4	J
1330-20-7	Xylene (total)	14	4	J

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Level:(low/med) LOW

	CLIENT SAMPLE NO.	SMC1 (DBF)#	SMC2 (DCE)#	SMC3 (TOL)#	SMC4 (BFB)#	TOT OUT
01	VBLKZS	105	102	114	113	0
02	VZSLCS	110	108	118	106	0
03	WMSOIL-06300	113	128	133*	148*	2
04	TRIP BLANK	100	102	109	101	0
05	VBLKBA	113	108	118	115	0
06	VBALCS	108	107	110	105	0
07	WMSOIL-06300	94	99	106	103	0
08						
09						
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25						
26						
27						
28						

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(71-141)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(70-139)
SMC3 (TOL)	= Toluene-d8	(72-123)
SMC4 (BFB)	= Bromofluorobenzene	(65-131)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3B
SOIL VOLATILE LAB CONTROL SAMPLE

VBALCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Chloromethane	50.00	52.34	105	50-150
Vinyl Chloride	50.00	55.58	111	50-150
Bromomethane	50.00	54.78	110	50-150
Chloroethane	50.00	55.97	112	50-150
1,1-Dichloroethene	50.00	59.63	119	50-150
Carbon disulfide	50.00	60.82	122	50-150
Acetone	125.0	125.5	100	50-150
Methylene Chloride	50.00	52.55	105	50-150
trans-1,2-Dichloroethen	50.00	56.39	113	50-150
Methyl-tert-butyl ether	50.00	58.08	116	50-150
1,1-Dichloroethane	50.00	57.96	116	50-150
cis-1,2-Dichloroethene	50.00	56.22	112	50-150
2-butanone	125.0	137.5	110	50-150
Chloroform	50.00	55.38	111	50-150
1,1,1-Trichloroethane	50.00	54.00	108	50-150
Carbon Tetrachloride	50.00	55.88	112	50-150
Benzene	50.00	60.07	120	50-150
1,2-Dichloroethane	50.00	56.41	113	50-150
Trichloroethene	50.00	54.39	109	50-150
1,2-Dichloropropane	50.00	56.41	113	50-150
Bromodichloromethane	50.00	53.16	106	50-150
cis-1,3-Dichloropropene	50.00	58.67	117	50-150
4-Methyl-2-pentanone	125.0	146.5	117	50-150
Toluene	50.00	56.89	114	50-150
trans-1,3-Dichloroprope	50.00	61.23	122	50-150
1,1,2-Trichloroethane	50.00	63.13	126	50-150
Tetrachloroethene	50.00	55.58	111	50-150
2-hexanone	125.0	144.6	116	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

3B
SOIL VOLATILE LAB CONTROL SAMPLE

VBALCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	50.00	59.72	119	50-150
Chlorobenzene	50.00	57.29	114	50-150
Ethylbenzene	50.00	55.67	111	50-150
Styrene	50.00	58.36	117	50-150
Bromoform	50.00	54.73	109	50-150
1,1,2,2-Tetrachloroetha	50.00	59.19	118	50-150
Xylene (total)	150.0	174.5	116	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS: _____

3B
SOIL VOLATILE LAB CONTROL SAMPLE

VZSLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Chloromethane	50.00	58.24	116	50-150
Vinyl Chloride	50.00	53.73	107	50-150
Bromomethane	50.00	57.19	114	50-150
Chloroethane	50.00	56.89	114	50-150
1,1-Dichloroethene	50.00	57.88	116	50-150
Carbon disulfide	50.00	62.67	125	50-150
Acetone	250.0	275.4	110	50-150
Methylene Chloride	50.00	51.95	104	50-150
trans-1,2-Dichloroethen	50.00	55.39	111	50-150
Methyl-tert-butyl ether	50.00	52.64	105	50-150
1,1-Dichloroethane	50.00	57.13	114	50-150
cis-1,2-Dichloroethene	50.00	55.09	110	50-150
2-butanone	250.0	296.6	119	50-150
Chloroform	50.00	55.46	111	50-150
1,1,1-Trichloroethane	50.00	54.81	110	50-150
Carbon Tetrachloride	50.00	55.05	110	50-150
Benzene	50.00	63.19	126	50-150
1,2-Dichloroethane	50.00	54.21	108	50-150
Trichloroethene	50.00	55.91	112	50-150
1,2-Dichloropropane	50.00	55.34	111	50-150
Bromodichloromethane	50.00	52.65	105	50-150
cis-1,3-Dichloropropene	50.00	55.13	110	50-150
4-Methyl-2-pentanone	250.0	308.5	123	50-150
Toluene	50.00	59.49	119	50-150
trans-1,3-Dichloroprope	50.00	61.39	123	50-150
1,1,2-Trichloroethane	50.00	64.03	128	50-150
Tetrachloroethene	50.00	57.45	115	50-150
2-hexanone	250.0	314.4	126	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

3B
SOIL VOLATILE LAB CONTROL SAMPLE

VZSLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	50.00	59.77	120	50-150
Chlorobenzene	50.00	59.26	118	50-150
Ethylbenzene	50.00	60.49	121	50-150
Styrene	50.00	62.82	126	50-150
Bromoform	50.00	55.85	112	50-150
1,1,2,2-Tetrachloroetha	50.00	57.80	116	50-150
Xylene (total)	150.0	187.1	125	50-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKBA

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Lab File ID: 265B61_17 Lab Sample ID: 265

Date Analyzed: 07/05/03 Time Analyzed: 1759

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5973HP61

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBALCS	268	268B61_17	1824
02	WMSOIL-06300	1701	1701RB61	1916
03				
04				
05				
06				
07				
08				
09				
10				
11				
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29				
30				

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKZS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: 17 SAS No.: SDG No.: 17

Lab File ID: WG25276-2B61 Lab Sample ID: WG25276-2

Date Analyzed: 07/04/03 Time Analyzed: 1741

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: 5973HP61

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VZSLCS	WG25276-5	WG25276-5B61	1801
02	WMSOIL-06300	1701	1701B61	2108
03	TRIP BLANK	1702	1702B61	2129
04				
05				
06				
07				
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30				

COMMENTS:

EPA Region 5 Records Ctr.
350080

Lancaster Laboratories Sample No. SW 4173147

Sample_1_North_Drum Grab Soil Sample
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 08:30 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

1NDRU SDG#: DCN98-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00159	Mercury	7439-97-6	N.D.	0.0028	mg/kg	1
06935	Arsenic	7440-38-2	3.79	0.509	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.479	mg/kg	1
06946	Barium	7440-39-3	19.3	0.163	mg/kg	5
	The quantitation limit for barium was increased due to high amounts of calcium in the sample.					
06949	Cadmium	7440-43-9	N.D.	0.0550	mg/kg	1
06951	Chromium	7440-47-3	6.56	0.204	mg/kg	1
06955	Lead	7439-92-1	4.66	0.805	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.764	mg/kg	5
	The quantitation limit for silver was increased due to high amounts of calcium in the sample.					
00111	Moisture	n.a.	2.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00159	Mercury	SW-846 7471A	1	12/04/2003 10:34	Damary Valentin	1
06935	Arsenic	SW-846 6010B	1	12/05/2003 04:25	Donna R Sackett	1
06936	Selenium	SW-846 6010B	1	12/05/2003 04:25	Donna R Sackett	1
06946	Barium	SW-846 6010B	1	12/05/2003 16:08	Erika J Rabuck	5
06949	Cadmium	SW-846 6010B	1	12/05/2003 04:25	Donna R Sackett	1
06951	Chromium	SW-846 6010B	1	12/05/2003 04:25	Donna R Sackett	1
06955	Lead	SW-846 6010B	1	12/05/2003 04:25	Donna R Sackett	1
06966	Silver	SW-846 6010B	1	12/05/2003 16:08	Erika J Rabuck	5
00111	Moisture	EPA 160.3 modified	1	11/28/2003 18:15	Scott W Freisher	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/04/2003 08:40	Megan L Ross	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	12/02/2003 23:20	Annamaria Stipkovits	1

Lancaster Laboratories Sample No. SW 4173147

Sample_1_North_Drum Grab Soil Sample
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 08:30 by BD

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

1NDRU SDG#: DCN98-01

Account Number: 10160

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

Lancaster Laboratories Sample No. TL 4173148

Sample_1_North_Drum Grab Soil Sample TCLP NVE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 08:30 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/10/2003 at 17:44
Discard: 02/09/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

1NOTL SDG#: DCN98-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00949	TCLP Acid Base/Neutrals					
03324	Pyridine	110-86-1	N.D.	0.004	mg/l	1
03325	1,4-Dichlorobenzene	106-46-7	N.D.	0.002	mg/l	1
03326	2-Methylphenol	95-48-7	N.D.	0.002	mg/l	1
03327	4-Methylphenol	106-44-5	N.D.	0.004	mg/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
03328	Hexachloroethane	67-72-1	N.D.	0.002	mg/l	1
03329	Nitrobenzene	98-95-3	N.D.	0.002	mg/l	1
03330	Hexachlorobutadiene	87-68-3	N.D.	0.002	mg/l	1
03331	2,4,6-Trichlorophenol	88-06-2	N.D.	0.002	mg/l	1
03332	2,4,5-Trichlorophenol	95-95-4	N.D.	0.002	mg/l	1
03333	2,4-Dinitrotoluene	121-14-2	N.D.	0.002	mg/l	1
03334	Hexachlorobenzene	118-74-1	N.D.	0.002	mg/l	1
03335	Pentachlorophenol	87-86-5	N.D.	0.006	mg/l	1

The semivolatile analyses were performed on a non-volatile toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94). If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Total Methylphenols	200.0	Nitrobenzene	2.0
1,4-Dichlorobenzene	7.5	Pentachlorophenol	100.0
2,4-Dinitrotoluene	0.13	Pyridine	5.0
Hexachlorobenzene	0.13	2,4,5-Trichlorophenol	400.0
Hexachlorobutadiene	0.5	2,4,6-Trichlorophenol	2.0
Hexachloroethane	3.0		

Lancaster Laboratories Sample No. TL 4173148

Sample_1_North_Drum Grab Soil Sample TCLP NVE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 08:30 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/10/2003 at 17:44
Discard: 02/09/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

1NOTL SDG#: DCN98-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00949	TCLP Acid Base/Neutrals	SW-846 8270C	1	12/03/2003 14:01	Joseph M Gambler	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	12/01/2003 12:30	Carlene A Landis	n.a.
04731	TCLP Leachate Extraction	SW-846 3510C	1	12/02/2003 16:00	Elia R Botrous	1

Lancaster Laboratories Sample No. TL 4173149

Sample_1_North_Drum Grab Soil Sample TCLP ZHE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 08:30 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

1NDZH SDG#: DCN98-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03636	TCLP by 8260					
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).
If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
03636	TCLP by 8260	SW-846 8260B	1	12/03/2003 19:41	Susan McMahon-Luu	20

Lancaster Laboratories Sample No. TL 4173149

Sample_1_North_Drum Grab Soil Sample TCLP ZHE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 08:30 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

1NDZH SDG#: DCN98-03

00946	TCLP Zero Headspace Extraction	SW-846 1311	1	12/01/2003 13:00	David G Splain Jr	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/03/2003 19:41	Susan McMahon-Luu	n.a.

Lancaster Laboratories Sample No. SW 4173150

Sample_2_MH_Drums Grab Soil Sample
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 13:00 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

2MHDR SDG#: DCN98-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00159	Mercury	7439-97-6	N.D.	0.0033	mg/kg	1
06935	Arsenic	7440-38-2	2.93	0.595	mg/kg	1
06936	Selenium	7782-49-2	N.D.	0.559	mg/kg	1
06946	Barium	7440-39-3	16.6	0.0381	mg/kg	1
06949	Cadmium	7440-43-9	N.D.	0.0643	mg/kg	1
06951	Chromium	7440-47-3	6.45	0.238	mg/kg	1
06955	Lead	7439-92-1	14.4	0.940	mg/kg	1
06966	Silver	7440-22-4	N.D.	0.179	mg/kg	1
00111	Moisture	n.a.	16.8	0.50	%	1

"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00159	Mercury	SW-846 7471A	1	12/04/2003 10:36	Damary Valentin	1
06935	Arsenic	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
06936	Selenium	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
06946	Barium	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
06949	Cadmium	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
06951	Chromium	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
06955	Lead	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
06966	Silver	SW-846 6010B	1	12/05/2003 04:31	Donna R Sackett	1
00111	Moisture	EPA 160.3 modified	1	11/28/2003 18:15	Scott W Freisher	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/04/2003 08:40	Megan L Ross	1
05711	SW SW846 Hg Digest	SW-846 7471A modified	1	12/02/2003 23:20	Annamaria Stipkovits	1

Lancaster Laboratories Sample No. TL 4173151

Sample_2_MH_Drums Grab Soil Sample TCLP NVE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 13:00 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

MH2DT SDG#: DCN98-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00949	TCLP Acid Base/Neutrals					
03324	Pyridine	110-86-1	N.D.	0.004	mg/l	1
03325	1,4-Dichlorobenzene	106-46-7	N.D.	0.002	mg/l	1
03326	2-Methylphenol	95-48-7	N.D.	0.002	mg/l	1
03327	4-Methylphenol	106-44-5	N.D.	0.004	mg/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
03328	Hexachloroethane	67-72-1	N.D.	0.002	mg/l	1
03329	Nitrobenzene	98-95-3	N.D.	0.002	mg/l	1
03330	Hexachlorobutadiene	87-68-3	N.D.	0.002	mg/l	1
03331	2,4,6-Trichlorophenol	88-06-2	N.D.	0.002	mg/l	1
03332	2,4,5-Trichlorophenol	95-95-4	N.D.	0.002	mg/l	1
03333	2,4-Dinitrotoluene	121-14-2	N.D.	0.002	mg/l	1
03334	Hexachlorobenzene	118-74-1	N.D.	0.002	mg/l	1
03335	Pentachlorophenol	87-86-5	N.D.	0.006	mg/l	1

The semivolatile analyses were performed on a non-volatile toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94). If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Total Methylphenols	200.0	Nitrobenzene	2.0
1,4-Dichlorobenzene	7.5	Pentachlorophenol	100.0
2,4-Dinitrotoluene	0.13	Pyridine	5.0
Hexachlorobenzene	0.13	2,4,5-Trichlorophenol	400.0
Hexachlorobutadiene	0.5	2,4,6-Trichlorophenol	2.0
Hexachloroethane	3.0		

Lancaster Laboratories Sample No. TL 4173151

Sample_2_MH_Drums Grab Soil Sample TCLP NVE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 13:00 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

MH2DT SDG#: DCN98-05

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00949	TCLP Acid Base/Neutrals	SW-846 8270C	1	12/03/2003 15:44	Joseph M Gambler	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	12/01/2003 12:30	Carlene A Landis	n.a.
04731	TCLP Leachate Extraction	SW-846 3510C	1	12/02/2003 16:00	Elia R Botrous	1

Lancaster Laboratories Sample No. TL 4173152

Sample_2_MH_Drums Grab Soil Sample TCLP ZHE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 13:00 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

MHDZH SDG#: DCN98-06*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03636	TCLP by 8260					
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).
If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
03636	TCLP by 8260	SW-846 8260B	1	12/03/2003 20:07	Susan McMahon-Luu	20

Lancaster Laboratories Sample No. TL 4173152

Sample_2_MH_Drums Grab Soil Sample TCLP ZHE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 13:00 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

MHDZH SDG#: DCN98-06*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03636	TCLP by 8260					
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).
If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
03636	TCLP by 8260	SW-846 8260B	1	12/03/2003 20:07	Susan McMahon-Luu	20

Lancaster Laboratories Sample No. TL 4173152

Sample_2_MH_Drums Grab Soil Sample TCLP ZHE
Site Code: SC001 RFA# ET03085
Dayton Thermal/Dayton, OH
Collected:11/25/2003 13:00 by BD

Account Number: 10160

Submitted: 11/26/2003 09:35
Reported: 12/09/2003 at 15:32
Discard: 02/08/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

MHDZH SDG#: DCN98-06*

00946	TCLP Zero Headspace Extraction	SW-846 1311	1	12/01/2003 13:00	David G Splain Jr	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/03/2003 20:07	Susan McMahon-Luu	n.a.

EPA Region 5 Records Ctr.

350081

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

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 894934. Samples arrived at the laboratory on Thursday, May 06, 2004. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
EW01-INF030 Grab Water Sample	4267919
EW02-INF030 Grab Water Sample	4267920
EW1/2-EFF030 Grab Water Sample	4267921
EW01-INF300 Grab Water Sample	4267922
EW02-INF300 Grab Water Sample	4267923
EW1/2-EFF300 Grab Water Sample	4267924
EW01-INF600 Grab Water Sample	4267925
EW02-INF600 Grab Water Sample	4267926
EW1/2-EFF600 Grab Water Sample	4267927
EW03-INF030 Grab Water Sample	4267928
EW06-INF030 Grab Water Sample	4267929
EW3/6-EFF030 Grab Water Sample	4267930
EW03-INF300 Grab Water Sample	4267931
EW06-INF300 Grab Water Sample	4267932
EW3/6-EFF300 Grab Water Sample	4267933
EW03-INF600 Grab Water Sample	4267934
EW06-INF600 Grab Water Sample	4267935
EW3/6-EFF600 Grab Water Sample	4267936
EW04-INF030 Grab Water Sample	4267937
EW05-INF030 Grab Water Sample	4267938
EW4/5-EFF030 Grab Water Sample	4267939
Trip_Blank Water Sample	4267940

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Analysis Report

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ELECTRONIC COPY TO	Earth Tech	Attn: Ms. Lisa Smith
ELECTRONIC COPY TO	Earth Tech	Attn: Mr. Rob Stenson
1 COPY TO	LLI	Attn: Ms. Kathy Klinefelter

Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Lawrence M. Taylor
Senior Chemist

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4267919

EW01-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 04:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E1N03 SDG#: DCP66-01

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	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
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267919

EW01-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 04:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E1N03 SDG#: DCP66-01

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 06:41	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 06:41	Stephanie R Sherant	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267920

EW02-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected: 05/05/2004 04:45 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EI230 SDG#: DCP66-02

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	1.	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	9.		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	11.		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	320.		5.	ug/l	5
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	330.		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

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Analysis Report

Lancaster Laboratories Sample No. WW 4267920

EW02-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 04:45 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EI230 SDG#: DCP66-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 07:05	Stephanie R Sherant	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 12:31	Stephanie R Sherant	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 07:05	Stephanie R Sherant	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267921

EW1/2-EFF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 04:45 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EW123 SDG#: DCP66-03

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	6.	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

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267921

EW1/2-EFF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 04:45 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EW123 SDG#: DCP66-03

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 07:28	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 07:28	Stephanie R Sherant	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267922

EW01-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 07:10 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NF300 SDG#: DCP66-04

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
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267922

EW01-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 07:10 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NF300 SDG#: DCP66-04

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 12:07	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 12:07	Stephanie R Sherant	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267923

EW02-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 07:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W2F30 SDG#: DCP66-05

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	2.	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	10.		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	14.		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	330.		5.	ug/l	5
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	29.		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

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Analysis Report

Lancaster Laboratories Sample No. WW 4267923

EW02-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 07:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W2F30 SDG#: DCP66-05

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 10:35	Stephanie R Sherant	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 12:54	Stephanie R Sherant	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 10:35	Stephanie R Sherant	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267924

EW1/2-EFF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 07:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

FF300 SDG#: DCP66-06

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	3.	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

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267924

EW1/2-EFF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 07:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

FF300 SDG#: DCP66-06

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 08:38	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 08:38	Stephanie R Sherant	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267925

EW01-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 09:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NF600 SDG#: DCP66-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.809	0.0495	mg/l	1
02268	Ferric Iron	n.a.	N.D.	0.050	mg/l	1
07058	Manganese	7439-96-5	0.0577	0.00084	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	544.	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.	1.7 J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	97.0	6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	15.3 J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.76	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.	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

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Analysis Report

Lancaster Laboratories Sample No. WW 4267925

EW01-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 09:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NF600 SDG#: DCP66-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	05/11/2004 05:34	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	05/11/2004 10:50	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	05/11/2004 05:34	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	05/17/2004 09:50	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	05/06/2004 15:53	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	05/11/2004 14:50	Katherine D Webster	1
00229	Sulfite	EPA 377.1	1	05/07/2004 09:10	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	05/07/2004 07:42	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	05/11/2004 10:30	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	05/07/2004 02:20	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	05/14/2004 19:02	Tiffany A George	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267925

EW01-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 09:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

NF600 SDG#: DCP66-07

06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 09:01	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 09:01	Stephanie R Sherant	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267926

EW02-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 10:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

2IN60 SDG#: DCP66-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.398		0.0495	mg/l	1
02268	Ferric Iron	n.a.	N.D.		0.050	mg/l	1
07058	Manganese	7439-96-5	0.0826		0.00084	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.	399.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	538.		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.	1.8	J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	100.		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	20.3	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.40		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.		0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	2.	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	10.		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	15.		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

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Analysis Report

Lancaster Laboratories Sample No. WW 4267926

EW02-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 10:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

2IN60 SDG#: DCP66-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05403	Trichloroethene	79-01-6	350.	5.	ug/l	5
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	180.	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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	05/11/2004 05:41	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	05/11/2004 10:53	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	05/11/2004 05:41	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	05/17/2004 09:50	Susan A Engle	5
00219	Nitrite Nitrogen	EPA 353.2	1	05/06/2004 15:57	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	05/11/2004 14:51	Katherine D Webster	1
00229	Sulfite	EPA 377.1	1	05/07/2004 09:10	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	05/07/2004 07:50	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	05/11/2004 10:30	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	05/07/2004 02:20	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	05/14/2004 19:13	Tiffany A George	1

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4267926

EW02-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 10:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

2IN60 SDG#: DCP66-08

06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 10:58	Stephanie R Sherant	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 13:17	Stephanie R Sherant	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 10:58	Stephanie R Sherant	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4267927

EW1/2-EFF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 10:00 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WFF60 SDG#: DCP66-09

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
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267927

EW1/2-EFF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 10:00 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

WFF60 SDG#: DCP66-09

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 09:25	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 09:25	Stephanie R Sherant	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267928

EW03-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 11:10 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E3F03 SDG#: DCP66-10

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.		1.	ug/l	2
05385	Chloromethane	74-87-3	N.D.		2.	ug/l	2
05386	Vinyl Chloride	75-01-4	N.D.		2.	ug/l	2
05387	Bromomethane	74-83-9	N.D.		2.	ug/l	2
05388	Chloroethane	75-00-3	N.D.		2.	ug/l	2
05390	1,1-Dichloroethene	75-35-4	4.	J	2.	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.		4.	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	10.		2.	ug/l	2
05393	1,1-Dichloroethane	75-34-3	5.	J	2.	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	200.		2.	ug/l	2
05396	Chloroform	67-66-3	N.D.		2.	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	17.		2.	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.		2.	ug/l	2
05401	Benzene	71-43-2	N.D.		1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.		2.	ug/l	2
05403	Trichloroethene	79-01-6	1,500.		10.	ug/l	10
05404	1,2-Dichloropropane	78-87-5	N.D.		2.	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.		2.	ug/l	2
05407	Toluene	108-88-3	N.D.		1.	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.		2.	ug/l	2
05409	Tetrachloroethene	127-18-4	N.D.		2.	ug/l	2
05411	Dibromochloromethane	124-48-1	N.D.		2.	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.		2.	ug/l	2
05415	Ethylbenzene	100-41-4	N.D.		2.	ug/l	2
05418	Styrene	100-42-5	N.D.		2.	ug/l	2
05419	Bromoform	75-25-2	N.D.		2.	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		2.	ug/l	2
06302	Acetone	67-64-1	13.	J	12.	ug/l	2
06303	Carbon Disulfide	75-15-0	N.D.		2.	ug/l	2
06305	2-Butanone	78-93-3	680.		6.	ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.	ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.	ug/l	2
06308	4-Methyl-2-pentanone	108-10-1	N.D.		6.	ug/l	2
06309	2-Hexanone	591-78-6	N.D.		6.	ug/l	2
06310	Xylene (Total)	1330-20-7	N.D.		2.	ug/l	2

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267928

EW03-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 11:10 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E3F03 SDG#: DCP66-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 11:21	Stephanie R Sherant	2
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 11:44	Stephanie R Sherant	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 11:21	Stephanie R Sherant	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267929

EW06-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 11:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

6IN30 SDG#: DCP66-11

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	8.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	7.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	0.9	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	2.	J	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	8.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	35.		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	25.		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	28.		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	130.		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

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Lancaster Laboratories Sample No. WW 4267929

EW06-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 11:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

6IN30 SDG#: DCP66-11

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 09:48	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 09:48	Stephanie R Sherant	n.a.

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4267930

EW3/6-EFF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 11:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W3630 SDG#: DCP66-12

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	2.	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	7.	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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267930

EW3/6-EFF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 11:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W3630 SDG#: DCP66-12

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 10:11	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 10:11	Stephanie R Sherant	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267931

EW03-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 13:40 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

3IN30 SDG#: DCP66-13

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.	1.	ug/l	2
05385	Chloromethane	74-87-3	N.D.	2.	ug/l	2
05386	Vinyl Chloride	75-01-4	N.D.	2.	ug/l	2
05387	Bromomethane	74-83-9	N.D.	2.	ug/l	2
05388	Chloroethane	75-00-3	N.D.	2.	ug/l	2
05390	1,1-Dichloroethene	75-35-4	3. J	2.	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.	4.	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	10. J	2.	ug/l	2
05393	1,1-Dichloroethane	75-34-3	5. J	2.	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	190.	2.	ug/l	2
05396	Chloroform	67-66-3	N.D.	2.	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	18.	2.	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.	2.	ug/l	2
05401	Benzene	71-43-2	N.D.	1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	2
05403	Trichloroethene	79-01-6	1,600.	10.	ug/l	10
05404	1,2-Dichloropropane	78-87-5	N.D.	2.	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.	2.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.	2.	ug/l	2
05409	Tetrachloroethene	127-18-4	N.D.	2.	ug/l	2
05411	Dibromochloromethane	124-48-1	N.D.	2.	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.	2.	ug/l	2
05415	Ethylbenzene	100-41-4	N.D.	2.	ug/l	2
05418	Styrene	100-42-5	N.D.	2.	ug/l	2
05419	Bromoform	75-25-2	N.D.	2.	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.	ug/l	2
06302	Acetone	67-64-1	N.D.	12.	ug/l	2
06303	Carbon Disulfide	75-15-0	N.D.	2.	ug/l	2
06305	2-Butanone	78-93-3	46.	6.	ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.	ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.	ug/l	2
06308	4-Methyl-2-pentanone	108-10-1	N.D.	6.	ug/l	2
06309	2-Hexanone	591-78-6	N.D.	6.	ug/l	2
06310	Xylene (Total)	1330-20-7	N.D.	2.	ug/l	2

Due to the level of trichloroethene, the reporting limits for all GC/MS volatile compounds were raised.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267931

EW03-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 13:40 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

3IN30 SDG#: DCP66-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 18:15	Marla S Lord	2
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 18:39	Marla S Lord	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 18:15	Marla S Lord	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267932

EW06-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 14:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W6F30 SDG#: DCP66-14

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	7.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	11.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	1.	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	2.	J	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	10.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	43.		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	30.		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	29.		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	180.		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

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Analysis Report

Lancaster Laboratories Sample No. WW 4267932

EW06-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 14:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W6F30 SDG#: DCP66-14

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 19:02	Marla S Lord	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 19:02	Marla S Lord	n.a.

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4267933

EW3/6-EFF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 14:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E36F3 SDG#: DCP66-15

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	2.	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
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267933

EW3/6-EFF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 14:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E36F3 SDG#: DCP66-15

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 19:25	Marla S Lord	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 19:25	Marla S Lord	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267934

EW03-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 16:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 15:57
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EW3I6 SDG#: DCP66-16

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.138	J	0.0495	mg/l	1
02268	Ferric Iron	n.a.	0.053	J	0.050	mg/l	1
07058	Manganese	7439-96-5	0.225		0.00084	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.	349.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	511.		4.9	mg/l as CaCO3	10
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	4.9		0.080	mg/l	2
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.	3.0		0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	85.1		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	30.3	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.085	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
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		1.	ug/l	2
05385	Chloromethane	74-87-3	N.D.		2.	ug/l	2
05386	Vinyl Chloride	75-01-4	N.D.		2.	ug/l	2
05387	Bromomethane	74-83-9	N.D.		2.	ug/l	2
05388	Chloroethane	75-00-3	N.D.		2.	ug/l	2
05390	1,1-Dichloroethene	75-35-4	3.	J	2.	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.		4.	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	10.	J	2.	ug/l	2
05393	1,1-Dichloroethane	75-34-3	5.	J	2.	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	200.		2.	ug/l	2
05396	Chloroform	67-66-3	N.D.		2.	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	18.		2.	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.		2.	ug/l	2
05401	Benzene	71-43-2	N.D.		1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.		2.	ug/l	2

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Analysis Report

Lancaster Laboratories Sample No. WW 4267934

EW03-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 16:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 15:57
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EW3I6 SDG#: DCP66-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05403	Trichloroethene	79-01-6	1,800.	10.	ug/l	10
05404	1,2-Dichloropropane	78-87-5	N.D.	2.	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.	2.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.	2.	ug/l	2
05409	Tetrachloroethene	127-18-4	N.D.	2.	ug/l	2
05411	Dibromochloromethane	124-48-1	N.D.	2.	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.	2.	ug/l	2
05415	Ethylbenzene	100-41-4	N.D.	2.	ug/l	2
05418	Styrene	100-42-5	N.D.	2.	ug/l	2
05419	Bromoform	75-25-2	N.D.	2.	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.	ug/l	2
06302	Acetone	67-64-1	N.D.	12.	ug/l	2
06303	Carbon Disulfide	75-15-0	N.D.	2.	ug/l	2
06305	2-Butanone	78-93-3	N.D.	6.	ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.	ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.	ug/l	2
06308	4-Methyl-2-pentanone	108-10-1	N.D.	6.	ug/l	2
06309	2-Hexanone	591-78-6	N.D.	6.	ug/l	2
06310	Xylene (Total)	1330-20-7	N.D.	2.	ug/l	2

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	05/11/2004 06:00	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	05/11/2004 10:54	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	05/11/2004 06:00	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	05/17/2004 09:50	Susan A Engle	10
00219	Nitrite Nitrogen	EPA 353.2	1	05/06/2004 17:01	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	05/11/2004 15:16	Katherine D Webster	2
00229	Sulfite	EPA 377.1	1	05/07/2004 09:10	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	05/07/2004 07:58	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	05/11/2004 10:30	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267934

EW03-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 16:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 15:57
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EW3I6 SDG#: DCP66-16

08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	05/07/2004 02:20	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	05/14/2004 19:24	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 23:44	Stephanie R Sherant	2
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 00:07	Stephanie R Sherant	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 23:44	Stephanie R Sherant	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4267935

EW06-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 17:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W6F60 SDG#: DCP66-17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.413		0.0495	mg/l	1
02268	Ferric Iron	n.a.	N.D.		0.050	mg/l	1
07058	Manganese	7439-96-5	0.112		0.00084	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.	347.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	435.		4.9	mg/l as CaCO3	10
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.44		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.	1.9	J	0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	74.5		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	20.3	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.38		0.0080	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07107	Ethane	74-84-0	16.		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	7.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	11.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	1.	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	2.	J	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	12.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	48.		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	32.		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

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Analysis Report

Lancaster Laboratories Sample No. WW 4267935

EW06-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 17:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W6F60 SDG#: DCP66-17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05403	Trichloroethene	79-01-6	30.	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	190.	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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	05/11/2004 06:06	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	05/11/2004 10:55	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	05/11/2004 06:06	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	05/06/2004 17:22	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	05/17/2004 09:50	Susan A Engle	10
00219	Nitrite Nitrogen	EPA 353.2	1	05/06/2004 17:02	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	05/11/2004 14:59	Katherine D Webster	1
00229	Sulfite	EPA 377.1	1	05/07/2004 09:10	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	05/07/2004 08:06	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	05/11/2004 10:30	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	05/07/2004 02:20	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	05/14/2004 19:35	Tiffany A George	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267935

EW06-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 17:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W6F60 SDG#: DCP66-17

06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 19:49	Marla S Lord	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 19:49	Marla S Lord	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267936

EW3/6-EFF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 16:45 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

6EF60 SDG#: DCP66-18

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	2.	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
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4267936

EW3/6-EFF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 16:45 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

6EF60 SDG#: DCP66-18

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 07:51	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 07:51	Stephanie R Sherant	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267937

EW04-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 17:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W04F3 SDG#: DCP66-19

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.		2.	ug/l	4
05385	Chloromethane	74-87-3	N.D.		4.	ug/l	4
05386	Vinyl Chloride	75-01-4	7.	J	4.	ug/l	4
05387	Bromomethane	74-83-9	N.D.		4.	ug/l	4
05388	Chloroethane	75-00-3	N.D.		4.	ug/l	4
05390	1,1-Dichloroethene	75-35-4	170.		3.	ug/l	4
05391	Methylene Chloride	75-09-2	N.D.		8.	ug/l	4
05392	trans-1,2-Dichloroethene	156-60-5	10.	J	3.	ug/l	4
05393	1,1-Dichloroethane	75-34-3	46.		4.	ug/l	4
05395	cis-1,2-Dichloroethene	156-59-2	280.		3.	ug/l	4
05396	Chloroform	67-66-3	N.D.		3.	ug/l	4
05398	1,1,1-Trichloroethane	71-55-6	550.		3.	ug/l	4
05399	Carbon Tetrachloride	56-23-5	N.D.		4.	ug/l	4
05401	Benzene	71-43-2	N.D.		2.	ug/l	4
05402	1,2-Dichloroethane	107-06-2	N.D.		4.	ug/l	4
05403	Trichloroethene	79-01-6	1,800.		20.	ug/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.		4.	ug/l	4
05406	Bromodichloromethane	75-27-4	N.D.		4.	ug/l	4
05407	Toluene	108-88-3	N.D.		3.	ug/l	4
05408	1,1,2-Trichloroethane	79-00-5	N.D.		3.	ug/l	4
05409	Tetrachloroethene	127-18-4	4.	J	3.	ug/l	4
05411	Dibromochloromethane	124-48-1	N.D.		4.	ug/l	4
05413	Chlorobenzene	108-90-7	N.D.		3.	ug/l	4
05415	Ethylbenzene	100-41-4	N.D.		3.	ug/l	4
05418	Styrene	100-42-5	N.D.		4.	ug/l	4
05419	Bromoform	75-25-2	N.D.		4.	ug/l	4
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		4.	ug/l	4
06302	Acetone	67-64-1	N.D.		24.	ug/l	4
06303	Carbon Disulfide	75-15-0	N.D.		4.	ug/l	4
06305	2-Butanone	78-93-3	N.D.		12.	ug/l	4
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		4.	ug/l	4
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		4.	ug/l	4
06308	4-Methyl-2-pentanone	108-10-1	N.D.		12.	ug/l	4
06309	2-Hexanone	591-78-6	N.D.		12.	ug/l	4
06310	Xylene (Total)	1330-20-7	N.D.		3.	ug/l	4

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267937

EW04-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 17:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W04F3 SDG#: DCP66-19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 20:12	Marla S Lord	4
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 20:35	Marla S Lord	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 20:12	Marla S Lord	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4267938

EW05-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 18:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W5F30 SDG#: DCP66-20

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.		1.	ug/l	2
05385	Chloromethane	74-87-3	N.D.		2.	ug/l	2
05386	Vinyl Chloride	75-01-4	N.D.		2.	ug/l	2
05387	Bromomethane	74-83-9	N.D.		2.	ug/l	2
05388	Chloroethane	75-00-3	N.D.		2.	ug/l	2
05390	1,1-Dichloroethene	75-35-4	6.	J	2.	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.		4.	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	2.	J	2.	ug/l	2
05393	1,1-Dichloroethane	75-34-3	9.	J	2.	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	53.		2.	ug/l	2
05396	Chloroform	67-66-3	N.D.		2.	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	130.		2.	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.		2.	ug/l	2
05401	Benzene	71-43-2	N.D.		1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.		2.	ug/l	2
05403	Trichloroethene	79-01-6	58.		2.	ug/l	2
05404	1,2-Dichloropropane	78-87-5	N.D.		2.	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.		2.	ug/l	2
05407	Toluene	108-88-3	N.D.		1.	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.		2.	ug/l	2
05409	Tetrachloroethene	127-18-4	1,000.		8.	ug/l	10
05411	Dibromochloromethane	124-48-1	N.D.		2.	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.		2.	ug/l	2
05415	Ethylbenzene	100-41-4	N.D.		2.	ug/l	2
05418	Styrene	100-42-5	N.D.		2.	ug/l	2
05419	Bromoform	75-25-2	N.D.		2.	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		2.	ug/l	2
06302	Acetone	67-64-1	N.D.		12.	ug/l	2
06303	Carbon Disulfide	75-15-0	N.D.		2.	ug/l	2
06305	2-Butanone	78-93-3	32.		6.	ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.	ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.	ug/l	2
06308	4-Methyl-2-pentanone	108-10-1	N.D.		6.	ug/l	2
06309	2-Hexanone	591-78-6	N.D.		6.	ug/l	2
06310	Xylene (Total)	1330-20-7	N.D.		2.	ug/l	2

Due to the level of tetrachloroethene, the reporting limits for all GC/MS volatile compounds were raised.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267938

EW05-INF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 18:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W5F30 SDG#: DCP66-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 20:59	Marla S Lord	2
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 21:22	Marla S Lord	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 20:59	Marla S Lord	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267939

EW4/5-EFF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 18:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EWEF5 SDG#: DCP66-21

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	3.	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	3.	J	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	22.		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

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Analysis Report

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Lancaster Laboratories Sample No. WW 4267939

EW4/5-EFF030 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 18:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EWEF5 SDG#: DCP66-21

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/11/2004 21:46	Marla S Lord	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/11/2004 21:46	Marla S Lord	n.a.

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4267940

Trip_Blank Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected: n.a.

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TBDAT SDG#: DCP66-22TB*

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
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4267940

Trip_Blank Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected: n.a.

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TBDAT SDG#: DCP66-22TB*

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 00:31	Stephanie R Sherant	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 00:31	Stephanie R Sherant	n.a.

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 11:35 AM

Group Number: 894934

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04127020201A	Sample number(s): 4267925-4267926,4267934-4267935							
Alkalinity to pH 4.5				100		98-103		
Batch number: 04127105101B	Sample number(s): 4267925-4267926,4267934-4267935							
Nitrite Nitrogen	N.D.	0.015	mg/l	102		89-110		
Batch number: 04128011111A	Sample number(s): 4267925-4267926,4267934-4267935							
Total Organic Carbon	N.D.	0.50	mg/l	101		85-111		
Batch number: 04128022901A	Sample number(s): 4267925-4267926,4267934-4267935							
Sulfite	N.D.	1.2	mg/l	82		68-103		
Batch number: 04128834401A	Sample number(s): 4267925-4267926,4267934-4267935							
Ferrous Iron	N.D.	0.0080	mg/l	100		95-105		
Batch number: 041311848003	Sample number(s): 4267925-4267926,4267934-4267935							
Iron	N.D.	0.0495	mg/l	103		91-114		
Manganese	N.D.	0.00084	mg/l	102		93-110		
Batch number: 04132106101A	Sample number(s): 4267925-4267926,4267934-4267935							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 04132112501A	Sample number(s): 4267925-4267926,4267934-4267935							
Sulfate (turbidimetric)	N.D.	1.5	mg/l	95		90-110		
Batch number: 041350033A	Sample number(s): 4267925-4267926,4267934-4267935							
Ethane	N.D.	1.0	ug/l	100		80-120		
Ethene	N.D.	1.0	ug/l	100		80-120		
Batch number: 04135400101A	Sample number(s): 4267925-4267926,4267934-4267935							
Chemical Oxygen Demand				102		94-110		
Batch number: 04138021601A	Sample number(s): 4267925-4267926,4267934-4267935							
Total Hardness	N.D.	0.49	mg/l as Ca	102		98-107		
Batch number: W041321AA	Sample number(s): 4267919-4267930,4267936							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103	102	77-127	1	30
Chloromethane	N.D.	1.	ug/l	115	108	69-136	6	30
Vinyl Chloride	N.D.	1.	ug/l	115	108	71-129	6	30
Bromomethane	N.D.	1.	ug/l	74	78	46-138	6	30
Chloroethane	N.D.	1.	ug/l	83	100	59-133	19	30
1,1-Dichloroethene	N.D.	0.8	ug/l	108	88	79-130	21	30
Methylene Chloride	N.D.	2.	ug/l	108	102	80-128	6	30

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

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 894934
Reported: 05/18/04 at 11:35 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	105	104	81-124	1	30
1,1-Dichloroethane	N.D.	1.	ug/l	106	104	83-127	2	30
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	105	102	84-117	3	30
Chloroform	N.D.	0.8	ug/l	105	102	86-124	3	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	107	104	83-127	3	30
Carbon Tetrachloride	N.D.	1.	ug/l	109	105	77-130	3	30
Benzene	N.D.	0.5	ug/l	105	102	85-117	3	30
1,2-Dichloroethane	N.D.	1.	ug/l	106	104	77-132	2	30
Trichloroethene	N.D.	1.	ug/l	105	104	87-117	1	30
1,2-Dichloropropane	N.D.	1.	ug/l	106	103	80-117	3	30
Bromodichloromethane	N.D.	1.	ug/l	101	100	83-121	1	30
Toluene	N.D.	0.7	ug/l	98	98	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	99	98	86-113	1	30
Tetrachloroethene	N.D.	0.8	ug/l	96	96	82-126	0	30
Dibromochloromethane	N.D.	1.	ug/l	92	93	78-119	0	30
Chlorobenzene	N.D.	0.8	ug/l	98	99	85-115	1	30
Ethylbenzene	N.D.	0.8	ug/l	100	99	82-119	1	30
Styrene	N.D.	1.	ug/l	97	98	84-117	2	30
Bromoform	N.D.	1.	ug/l	85	88	69-118	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	93	95	72-119	2	30
Acetone	N.D.	6.	ug/l	104	88	22-179	16	30
Carbon Disulfide	N.D.	1.	ug/l	108	105	73-143	3	30
2-Butanone	N.D.	3.	ug/l	95	95	45-154	0	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	91	92	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	99	99	78-114	0	30
4-Methyl-2-pentanone	N.D.	3.	ug/l	96	94	65-125	2	30
2-Hexanone	N.D.	3.	ug/l	85	86	47-150	2	30
Xylene (Total)	N.D.	0.8	ug/l	100	99	84-120	2	30
Batch number: W041321AB	Sample number(s): 4267931-4267933,4267935,4267937-4267939							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103	102	77-127	1	30
Chloromethane	N.D.	1.	ug/l	115	108	69-136	6	30
Vinyl Chloride	N.D.	1.	ug/l	115	108	71-129	6	30
Bromomethane	N.D.	1.	ug/l	74	78	46-138	6	30
Chloroethane	N.D.	1.	ug/l	83	100	59-133	19	30
1,1-Dichloroethene	N.D.	0.8	ug/l	108	88	79-130	21	30
Methylene Chloride	N.D.	2.	ug/l	108	102	80-128	6	30
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	105	104	81-124	1	30
1,1-Dichloroethane	N.D.	1.	ug/l	106	104	83-127	2	30
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	105	102	84-117	3	30
Chloroform	N.D.	0.8	ug/l	105	102	86-124	3	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	107	104	83-127	3	30
Carbon Tetrachloride	N.D.	1.	ug/l	109	105	77-130	3	30
Benzene	N.D.	0.5	ug/l	105	102	85-117	3	30
1,2-Dichloroethane	N.D.	1.	ug/l	106	104	77-132	2	30
Trichloroethene	N.D.	1.	ug/l	105	104	87-117	1	30
1,2-Dichloropropane	N.D.	1.	ug/l	106	103	80-117	3	30
Bromodichloromethane	N.D.	1.	ug/l	101	100	83-121	1	30
Toluene	N.D.	0.7	ug/l	98	98	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	99	98	86-113	1	30
Tetrachloroethene	N.D.	0.8	ug/l	96	96	82-126	0	30
Dibromochloromethane	N.D.	1.	ug/l	92	93	78-119	0	30
Chlorobenzene	N.D.	0.8	ug/l	98	99	85-115	1	30
Ethylbenzene	N.D.	0.8	ug/l	100	99	82-119	1	30
Styrene	N.D.	1.	ug/l	97	98	84-117	2	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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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 894934
Reported: 05/18/04 at 11:35 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	N.D.	1.	ug/l	85	88	69-118	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	93	95	72-119	2	30
Acetone	N.D.	6.	ug/l	104	88	22-179	16	30
Carbon Disulfide	N.D.	1.	ug/l	108	105	73-143	3	30
2-Butanone	N.D.	3.	ug/l	95	95	45-154	0	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	91	92	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	99	99	78-114	0	30
4-Methyl-2-pentanone	N.D.	3.	ug/l	96	94	65-125	2	30
2-Hexanone	N.D.	3.	ug/l	85	86	47-150	2	30
Xylene (Total)	N.D.	0.8	ug/l	100	99	84-120	2	30
Batch number: W041322AA	Sample number(s): 4267934,4267940							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		77-127		
Chloromethane	N.D.	1.	ug/l	116		69-136		
Vinyl Chloride	N.D.	1.	ug/l	112		71-129		
Bromomethane	N.D.	1.	ug/l	82		46-138		
Chloroethane	N.D.	1.	ug/l	89		59-133		
1,1-Dichloroethene	N.D.	0.8	ug/l	109		79-130		
Methylene Chloride	N.D.	2.	ug/l	102		80-128		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	106		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	104		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	106		84-117		
Chloroform	N.D.	0.8	ug/l	104		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	108		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	110		77-130		
Benzene	N.D.	0.5	ug/l	100		85-117		
1,2-Dichloroethane	N.D.	1.	ug/l	106		77-132		
Trichloroethene	N.D.	1.	ug/l	99		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	100		80-117		
Bromodichloromethane	N.D.	1.	ug/l	100		83-121		
Toluene	N.D.	0.7	ug/l	100		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	100		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	94		82-126		
Dibromochloromethane	N.D.	1.	ug/l	97		78-119		
Chlorobenzene	N.D.	0.8	ug/l	101		85-115		
Ethylbenzene	N.D.	0.8	ug/l	101		82-119		
Styrene	N.D.	1.	ug/l	99		84-117		
Bromoform	N.D.	1.	ug/l	95		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	91		72-119		
Acetone	N.D.	6.	ug/l	97		22-179		
Carbon Disulfide	N.D.	1.	ug/l	114		73-143		
2-Butanone	N.D.	3.	ug/l	95		45-154		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	95		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	97		78-114		
4-Methyl-2-pentanone	N.D.	3.	ug/l	91		65-125		
2-Hexanone	N.D.	3.	ug/l	86		47-150		
Xylene (Total)	N.D.	0.8	ug/l	102		84-120		

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

*- 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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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 894934
Reported: 05/18/04 at 11:35 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
Batch number: 04127020201A	Sample number(s): 4267925-4267926,4267934-4267935								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	99	99	64-130	0	2	50.0	50.3	1	4
Batch number: 04127105101B	Sample number(s): 4267925-4267926,4267934-4267935								
Nitrite Nitrogen	103		90-110			N.D.	N.D.	37* (1)	20
Batch number: 04128011111A	Sample number(s): 4267925-4267926,4267934-4267935								
Total Organic Carbon	99		57-138			3.1	3.2	4 (1)	4
Batch number: 04128022901A	Sample number(s): 4267925-4267926,4267934-4267935								
Sulfite	51	44	14-106	15	20	N.D.	N.D.	0 (1)	20
Batch number: 04128834401A	Sample number(s): 4267925-4267926,4267934-4267935								
Ferrous Iron	96	94	83-111	1	5	0.38	0.38	0 (1)	6
Batch number: 041311848003	Sample number(s): 4267925-4267926,4267934-4267935								
Iron	191*	158*	75-125	7	20	2.76	3.12	12	20
Manganese	107	105	85-111	1	20	0.535	0.540	1	20
Batch number: 04132106101A	Sample number(s): 4267925-4267926,4267934-4267935								
Nitrate Nitrogen	99		90-110			N.D.	N.D.	0 (1)	2
Batch number: 04132112501A	Sample number(s): 4267925-4267926,4267934-4267935								
Sulfate (turbidimetric)	95	95	69-124	0	4	32.8	31.1	5* (1)	4
Batch number: 041350033A	Sample number(s): 4267925-4267926,4267934-4267935								
Ethane	102	98	78-114	3	20				
Ethene	100	98	78-119	2	20				
Batch number: 04135400101A	Sample number(s): 4267925-4267926,4267934-4267935								
Chemical Oxygen Demand	94	96	90-110	2	4	65.3	67.8	4 (1)	5
Batch number: 04138021601A	Sample number(s): 4267925-4267926,4267934-4267935								
Total Hardness	99	101	93-115	1	2	68.3	67.5	1	4
Batch number: W041321AA	Sample number(s): 4267919-4267930,4267936								
Methyl Tertiary Butyl Ether	103		69-134						
Chloromethane	112		70-148						
Vinyl Chloride	113		70-151						
Bromomethane	75		52-140						
Chloroethane	101		63-142						
1,1-Dichloroethene	118		78-146						
Methylene Chloride	108		79-133						
trans-1,2-Dichloroethene	112		82-133						
1,1-Dichloroethane	113		85-135						
cis-1,2-Dichloroethene	113		83-126						
Chloroform	112		82-131						
1,1,1-Trichloroethane	117		82-135						
Carbon Tetrachloride	119		73-144						
Benzene	111		83-128						
1,2-Dichloroethane	110		73-136						
Trichloroethene	111		75-135						
1,2-Dichloropropane	109		81-121						
Bromodichloromethane	104		83-121						

*- 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.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 894934
Reported: 05/18/04 at 11:35 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
Toluene	104		83-127						
1,1,2-Trichloroethane	104		77-125						
Tetrachloroethene	97		75-143						
Dibromochloromethane	97		73-119						
Chlorobenzene	106		83-120						
Ethylbenzene	106		82-129						
Styrene	103		76-126						
Bromoform	88		64-119						
1,1,2,2-Tetrachloroethane	101		69-121						
Acetone	103		12-153						
Carbon Disulfide	116		77-155						
2-Butanone	99		42-140						
trans-1,3-Dichloropropene	96		75-117						
cis-1,3-Dichloropropene	104		76-117						
4-Methyl-2-pentanone	97		61-126						
2-Hexanone	89		44-140						
Xylene (Total)	107		82-130						
Batch number: W041321AB	Sample number(s): 4267931-4267933,4267935,4267937-4267939								
Methyl Tertiary Butyl Ether	103		69-134						
Chloromethane	112		70-148						
Vinyl Chloride	113		70-151						
Bromomethane	75		52-140						
Chloroethane	101		63-142						
1,1-Dichloroethene	118		78-146						
Methylene Chloride	108		79-133						
trans-1,2-Dichloroethene	112		82-133						
1,1-Dichloroethane	113		85-135						
cis-1,2-Dichloroethene	113		83-126						
Chloroform	112		82-131						
1,1,1-Trichloroethane	117		82-135						
Carbon Tetrachloride	119		73-144						
Benzene	111		83-128						
1,2-Dichloroethane	110		73-136						
Trichloroethene	111		75-135						
1,2-Dichloropropane	109		81-121						
Bromodichloromethane	104		83-121						
Toluene	104		83-127						
1,1,2-Trichloroethane	104		77-125						
Tetrachloroethene	97		75-143						
Dibromochloromethane	97		73-119						
Chlorobenzene	106		83-120						
Ethylbenzene	106		82-129						
Styrene	103		76-126						
Bromoform	88		64-119						
1,1,2,2-Tetrachloroethane	101		69-121						
Acetone	103		12-153						
Carbon Disulfide	116		77-155						
2-Butanone	99		42-140						
trans-1,3-Dichloropropene	96		75-117						
cis-1,3-Dichloropropene	104		76-117						
4-Methyl-2-pentanone	97		61-126						
2-Hexanone	89		44-140						
Xylene (Total)	107		82-130						

*- 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.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 894934
Reported: 05/18/04 at 11:35 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
Batch number: W041322AA	Sample number(s): 4267934,4267940								
Methyl Tertiary Butyl Ether	107	106	69-134	1	30				
Chloromethane	134	129	70-148	4	30				
Vinyl Chloride	135	128	70-151	5	30				
Bromomethane	88	88	52-140	0	30				
Chloroethane	97	95	63-142	1	30				
1,1-Dichloroethene	123	125	78-146	1	30				
Methylene Chloride	109	109	79-133	0	30				
trans-1,2-Dichloroethene	117	117	82-133	0	30				
1,1-Dichloroethane	113	114	85-135	2	30				
cis-1,2-Dichloroethene	110	111	83-126	1	30				
Chloroform	112	113	82-131	1	30				
1,1,1-Trichloroethane	121	122	82-135	0	30				
Carbon Tetrachloride	126	127	73-144	1	30				
Benzene	110	111	83-128	2	30				
1,2-Dichloroethane	115	114	73-136	1	30				
Trichloroethene	112	113	75-135	1	30				
1,2-Dichloropropane	107	108	81-121	1	30				
Bromodichloromethane	110	108	83-121	2	30				
Toluene	106	108	83-127	1	30				
1,1,2-Trichloroethane	101	103	77-125	2	30				
Tetrachloroethene	113	110	75-143	3	30				
Dibromochloromethane	102	102	73-119	0	30				
Chlorobenzene	108	107	83-120	1	30				
Ethylbenzene	109	109	82-129	0	30				
Styrene	104	103	76-126	0	30				
Bromoform	97	97	64-119	0	30				
1,1,2,2-Tetrachloroethane	93	96	69-121	3	30				
Acetone	93	96	12-153	3	30				
Carbon Disulfide	127	127	77-155	0	30				
2-Butanone	93	94	42-140	0	30				
trans-1,3-Dichloropropene	98	100	75-117	2	30				
cis-1,3-Dichloropropene	103	103	76-117	0	30				
4-Methyl-2-pentanone	92	93	61-126	1	30				
2-Hexanone	84	86	44-140	2	30				
Xylene (Total)	109	109	82-130	0	30				

Surrogate Quality Control

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 041350033A

	Propene
4267925	92
4267926	98
4267934	96
4267935	94
Blank	110
LCS	105
MS	102
MSD	98

*- 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.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 894934
Reported: 05/18/04 at 11:35 AM

Surrogate Quality Control

Limits: 68-113

Analysis Name: TCL by 8260 (water)
Batch number: W041321AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4267919	107	104	103	105
4267920	106	104	101	105
4267921	108	101	101	103
4267922	105	100	101	103
4267923	107	105	102	105
4267924	105	102	102	104
4267925	107	103	101	103
4267926	106	101	101	104
4267927	106	101	103	104
4267928	109	99	101	104
4267929	105	102	101	103
4267930	107	101	101	104
4267936	106	104	101	103
Blank	104	100	102	103
LCS	107	102	102	103
LCSD	106	102	102	104
MS	107	100	102	103
Limits:	81-120	82-112	85-112	83-113

Analysis Name: TCL by 8260 (water)
Batch number: W041321AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4267931	106	100	103	102
4267932	106	100	102	101
4267933	107	101	103	102
4267935	105	100	103	101
4267937	107	102	103	101
4267938	106	104	102	102
4267939	105	103	102	101
Blank	106	100	103	101
LCS	107	102	102	103
LCSD	106	102	102	104
MS	107	100	102	103
Limits:	81-120	82-112	85-112	83-113

Analysis Name: TCL by 8260 (water)
Batch number: W041322AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4267934	108	101	103	102
4267940	105	101	102	101
Blank	106	100	103	101
LCS	106	103	102	100
MS	107	99	102	101
MSD	107	103	100	101
Limits:	81-120	82-112	85-112	83-113

*- 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.

Lancaster Laboratories

Analysis Report

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Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 11:35 AM

Group Number: 894934

*- 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.

10160 - 894934 - 4267919-40

DAIMLERCHRYSLER Chain-of-Custody

3694 B

Lancaster Laboratories	Project Name: DCX - Dayton Thermal	Consultant: Earth Tech	
2425 New Holland Pike	Site Location: Dayton, OH	Address: 4135 Technology Parkway	
Lancaster, PA 17601	Site Code:	Sheboygan, WI 53083	
Phone Number: (717) 656-2300	RFA Number: ET04026	Consultant PM Rob Stenson	
Fax Number: (717) 656-2681	DaimlerChrysler PM: Gary Stanczak	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)	Diss. Gases (8015B)	SO_3	SO_4	NO_2	NO_3	Total Hardness	Fe/Mn	Fe^{2+}	Remarks
EW01-INF030	5/5/04	0425	G	W	3	X									
EW02-INF030		0445			2	X									
EW1/2-EFF030		0445			3	X									
EW01-INF300		0710			2	X									
EW02-INF300		0725			3	X									
EW1/2-EFF300		0715			3	X									
EW01-INF600		0955			16	X	X	X	X	X	X	X	X	X	
EW02-INF600		1025			16	X	X	X	X	X	X	X	X	X	
EW1/2-EFF600		1000			3	X									
EW03-INF030		1110			3	X									

Sampler(s) B. Earl, J. Kelley, & S. Cervi

Cooler ID # C08030, C07923, C05109

Samples Relinquished under Airbill No. 845918827193

Temperature (corrected) 2.°, 3.°, 4.°

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
[signature]	5/5/04	1100				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Birkey	Date: 5-6-04	Time: 0910	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

10160-894934-4267919-40 & 10160-894935-4267941-44 (dissolved COD+Fe)

DAIMLERCHRYSLER — Chain-of-Custody

3693 B

Lancaster Laboratories	Project Name: DCX - Dayton Thermal	Consultant: Earth Tech	
2425 New Holland Pike	Site Location: Dayton, OH	Address: 4135 Technology Parkway	
Lancaster, PA 17601	Site Code:	Sheboygan, WI 53083	
Phone Number: (717) 656-2300	RFA Number: ET04026	Consultant PM: Rob Stenson	
Fax Number: (717) 656-2681	DaimlerChrysler PM: Gary Stanczuk	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	COD	TOC	Alk	Diss. COD	Diss. Fe					Remarks
EW01-INF030	5/6/04	0425	G	W	3										
EW02-INF030		0445			2										
EW1/2-EFF030		0445			3										
EW01-INF300		0710			3										
EW02-INF300		0725			3										
EW1/2-EFF300		0715			3										
EW01-INF600		0955			16	X	X	X	X	X					
EW02-INF600		1025			16	X	X	X	X	X					
EW1/2-EFF600		1000			3										
EW03-INF030		1110			3										5-6-04

Sampler(s): B. Earl, J. Kelley & S. Cervi	Cooler ID #: C08030, C07923, C05109			Samples Relinquished under Airbill No.: 845918822193			Temperature (corrected): 2°C 3, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathleen Bankay	Date: 5-6-04	Time: 0910	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

10160-894934-4267919-40

DAIMLERCHRYSLER

Chain-of-Custody

3692 B

Lancaster Laboratories	Project Name: DCX - Dayton Thermal	Consultant: Earth Tech	
2425 New Holland Pike	Site Location: Dayton, OH	Address: 4135 Technology Parkway	
Lancaster, PA 17601	Site Code:	Sheboygan, WI 53083	
Phone Number: (717) 656-2300	RFA Number: ET04026	Consultant PM Rob Stanson	
Fax Number: (717) 656-2681	DaimlerChrysler PM: Gary Stanczuk	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	VOC (8260)	Diss. Gasses (8015)	SO3	SO4	NO2	NO3	Total Hardness	FE/Mn	FE2+	Remarks
EW06-~~INF~~ Ø3Ø	5/5/04	1155	G	W	3	X									
EW3/6-EFF Ø3Ø	↓	1155	↓	↓	3	X									
EW03-INF3ØØ	↓	1340	↓	↓	3	X									
EW06-INF3ØØ	↓	1425	↓	↓	3	X									
EW3/6-EFF3ØØ	↓	1425	↓	↓	3	X									
EWØ3-INF6ØØ	↓	1655	↓	↓	16	X	X	X	X	X	X	X	X	X	
EWØ6-INF6ØØ	↓	1755	↓	↓	16	X	X	X	X	X	X	X	X	X	
EW3/6-EFF6ØØ	↓	1645	↓	↓	3	X									
EWØ4-INFØ3Ø	↓	1755	↓	↓	3	X									
EWØ5-INFØ3Ø	↓	1815	↓	W	3	X									

Sampler(s) B. Earl, J. Kelley, & S. Cerri	Cooler ID # C08030, C07923, C05109		Samples Relinquished under Airbill No. 845198827193		Temperature (corrected) 2°, c 3°, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by:	Date: Time: Custody Seal Intact? Yes No
Is RFA sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Birkey	Date: 5/6/04 Time: 0910 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

10160-894934-4267919-40 + 10160-894935-4267941-44

DAIMLERCHRYSLER

Chain-of-Custody (diss COD+Fe) 3691 **B**

Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Phone Number: (717) 656-2300 Fax Number: (717) 656-2681	Project Name: PCX- Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET04026 DaimlerChrysler PM: Gary Starczuk	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	COD	TOC	Alk.	Diss. COD	Diss. Fe					Remarks
EW06-INF030	5/5/04	1155	G	W	3										
EW3/6-EFF030		1155			3										
EW03-INF300		1340			3										
EW06-INF300		1425			3										
EW3/6-EFF300		1425			3										
EW03-INF600		1655			16	X	X	X	X	X					
EW06-INF600		1715			16	X	X	X	X	X					
EW3/6-EFF600		1645			3										
EW04-INF030		1755			3										
EW05-INF030		1815			3										

Sampler(s): B. Earl, J. Kelley, G. Carr	Cooler ID # C08030, C07923, C05109		Samples Relinquished under Airbill No. 845918827493			Temperature (corrected) 2°C, 3°, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Binkley	Date: 5-6-04	Time: 0910	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

10160-894934-42679/9-40

DAIMLERCHRYSLER

Chain-of-Custody

№ 00700 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: DCX-Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET04026 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)	Diss. Gasses	SO3	SO4	NO2	NO3	Total Hardness	Fe/Mn	Fe 2+	Remarks
EW4/5-EFF 030	5/5/04	1815	G	W	3	X									
Trip Blank	–	–	–	W	1	X									

Sampler(s): B. Earl, J. Kelley, & S. Cop	Cooler ID # C 8030 C07923, C05109		Samples Relinquished under Airbill No. 845918827193		Temperature (corrected) 2°, 3°, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by:	Date: / Time: / Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Binkley	Date: 5-6-04 Time: 0910 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

10160-894934- 4267919-40

DAIMLERCHRYSLER

Chain-of-Custody

№ 00701 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: OLx - Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET04026 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Parkway Sheboygan, WI 53083 Consultant PM Rob 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	COD	TOC	Alk	Diss COD	Diss Fe					Remarks
EW4/5-EFF030	5/5/04	1815	G	W	3										
Trip Blank	—	—	—	W	1										

Sampler(s) B. Earl, J. Kelley, & S. Cerni	Cooler ID # C08030, C07923, C05109			Samples Relinquished under Airbill No. 845918827193			Temperature (corrected) 2°C 3°, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Binkley	Date: 5-6-04	Time: 0910	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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration Receipt Documentation Log

Client/Project: DaimlerChrysler / Earth Tech (MI)

Date of Receipt: 5-6-04

Time of Receipt: 0910

Source Code: 50-1

Shipping Container Sealed: (Y) / N

Custody Seal Present: (Y) / N

Custody Seal Intact: (Y) / N / NA

Package: (Chilled) / Not Chilled

Unpacker Emp. No.: 1255

Temperature of Shipping Containers	
#1 (Vials)	#2
Thermometer ID: HB12107	Thermometer ID: HB12107
Temp.: 2°	Temp.: 3°
(Temp. Bottle) / Surface Temp.	(Temp. Bottle) / Surface Temp.
(Wet Ice) / Dry Ice / Ice Packs	(Wet Ice) / Dry Ice / Ice Packs
Ice Present? (Y) / N (Loose) / Bagged	Ice Present? (Y) / N Loose / (Bagged)
#3	#4
Thermometer ID: HB12107	Thermometer ID:
Temp.: 4°	Temp.:
(Temp. Bottle) / Surface Temp.	Temp. Bottle / Surface Temp.
(Wet Ice) / Dry Ice / Ice Packs	Wet Ice / Dry Ice / Ice Packs
Ice Present? (Y) / N Loose / (Bagged)	Ice Present? Y / N Loose / Bagged

Paperwork Discrepancy/Unpacking Problems: EW03-Inf 600 (U) vial dif titles 8260 1645 on vial received total of containers for each sample on the first COC paper. they put it twice on COC papers.

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Kathy Bishley	5-6-04	1050	Unpacking
[illegible]	5-6-04	1115	(Place in Storage) or Entry
[illegible]	5-6-04	1255	Remove from Storage + Entry
			Place in Storage or Entry
			Entry

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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

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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Analysis Report

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 894935. Samples arrived at the laboratory on Thursday, May 06, 2004. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
EW01-INF600 Filtered Grab Water Sample	4267941
EW02-INF600 Filtered Grab Water Sample	4267942
EW03-INF600 Filtered Grab Water Sample	4267943
EW06-INF600 Filtered Grab Water Sample	4267944

ELECTRONIC COPY TO	Earth Tech	Attn: Ms. Lisa Smith
ELECTRONIC COPY TO	Earth Tech	Attn: Mr. Rob Stenson
1 COPY TO	LLI	Attn: Ms. Kathy Klinefelter

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Erik Frederiksen
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267941

EW01-INF600 Filtered Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 09:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:32
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E600F SDG#: DCP67-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.800		0.0495	mg/l	1
04001	Chemical Oxygen Demand	n.a.	20.3	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	05/11/2004 06:13	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267942

EW02-INF600 Filtered Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 10:25 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:32
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W2N60 SDG#: DCP67-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.406		0.0495	mg/l	1
04001	Chemical Oxygen Demand	n.a.	30.3	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	05/11/2004 06:19	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267943

EW03-INF600 Filtered Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 16:55 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:32
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E03NF SDG#: DCP67-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0495	mg/l	1
04001	Chemical Oxygen Demand	n.a.	35.3	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	05/11/2004 06:26	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4267944

EW06-INF600 Filtered Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 17:15 by BE

Account Number: 10160

Submitted: 05/06/2004 09:10
Reported: 05/18/2004 at 11:33
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

EW06F SDG#: DCP67-04*

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.421		0.0495	mg/l	1
04001	Chemical Oxygen Demand	n.a.	20.3	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	05/11/2004 06:32	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 11:33 AM

Group Number: 894935

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 041311848003	Sample number(s): 4267941-4267944							
Iron	N.D.	0.0495	mg/l	103		91-114		
Batch number: 04135400101A	Sample number(s): 4267941-4267944							
Chemical Oxygen Demand				102		94-110		

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: 041311848003	Sample number(s): 4267941-4267944								
Iron	191*	158*	75-125	7	20	2.76	3.12	12	20
Batch number: 04135400101A	Sample number(s): 4267941-4267944								
Chemical Oxygen Demand	94	96	90-110	2	4	65.3	67.8	4 (1)	5

*- 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.

10160-894934-4267919-40 & 10160-894935-4267941-44 (dissolved COD+Fe)

DAIMLERCHRYSLER — Chain-of-Custody

3693 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: ET04026 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	COD	TOC	Alk	Diss COD	Diss Fe					Remarks
EW01-INF030	5/5/04	0425	G	W	3										
EW02-INF030		0445			2										
EW1/2-EFF030		0445			3										
EW01-INF300		0710			3										
EW02-INF300		0725			3										
EW1/2-EFF300		0715			3										
EW01-INF600		0955			16	X	X	X	X	X					
EW02-INF600		1025			16	X	X	X	X	X					
EW1/2-EFF600		1000			3										
EW03-INF030		1110			3										5-6-04

Sampler(s): B. Earl, J. Kelley, S. Levi	Cooler ID #: C08030, C07923, C05109	Samples Relinquished under Airbill No. 845918823193		Temperature (corrected) 2°C, 3, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by: / Date: / Time: / Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Burkey / Date: 5-6-04 / Time: 0910 / 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

10160-894934-4267919-40 + 10160-894935-4267941-44

DAIMLERCHRYSLER

Chain-of-Custody (diss COD+Fe) 3691 **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: ETC4026 DaimlerChrysler PM: Gary Staniczuk	Consultant: Earth Tech Address: 4135 Technology Parkway Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0850

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	COD	TOC	Alk.	Diss. COD	Diss. Fe					Remarks
EWC6-INF030	5/5/04	1155	G	W	3										
EW3/6-EFF030		1155			3										
EW03-INF300		1340			3										
EW06-INF300		1425			3										
EW3/6-EFF300		1425			3										
EW03-INF600		1655			16	X	X	X	X	X					
EW06-INF600		1715			16	X	X	X	X	X					
EW3/6-EFF600		1645			3										
EW04-INF030		1755			3										
EW05-INF030		1815			3										

Sampler(s): B. Earl, J. Kelley, G. Levi	Cooler ID # C08030, C07923, C05109			Samples Relinquished under Airbill No. 845918827193			Temperature (corrected) 2°, 3°, 4°
	Relinquished by: [signature]	Date: 5/5/04	Time: 1900	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Binkley	Date: 5-6-04	Time: 0910	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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration Receipt Documentation Log

Client/Project: Daimler Chrysler/ Earth Tech (MI)

Date of Receipt: 5-6-04

Time of Receipt: 0910

Source Code: 501

Shipping Container Sealed (Y) / N

Custody Seal Present: (Y) / N

Custody Seal Intact: (Y) / N / NA

Package: (Chilled) / Not Chilled

Unpacker Emp. No.: 1255

Temperature of Shipping Containers	
#1 (Vials)	#2
Thermometer ID: HB12107	Thermometer ID: HB12107
Temp.: 2°	Temp.: 3°
(Temp. Bottle) / Surface Temp.	(Temp. Bottle) / Surface Temp.
(Wet Ice) / Dry Ice / Ice Packs	(Wet Ice) / Dry Ice / Ice Packs
Ice Present? (Y) / N (Loose) / Bagged	Ice Present? (Y) / N Loose / (Bagged)
#3	#4
Thermometer ID: HB12107	Thermometer ID:
Temp.: 4°	Temp.:
(Temp. Bottle) / Surface Temp.	Temp. Bottle / Surface Temp.
(Wet Ice) / Dry Ice / Ice Packs	Wet Ice / Dry Ice / Ice Packs
Ice Present? (Y) / N Loose / (Bagged)	Ice Present? Y / N Loose / Bagged

Paperwork Discrepancy/Unpacking Problems: EW03-Inf 600 (1) vial dif titer 8260 1645 on vial

(received total of Containers for each sample on the first COC paper. they wrote it twice on COC papers.)

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Kathy Bishley	5-6-04	1050	Unpacking
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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)

< 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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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
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U	Compound was not detected
W	Post digestion spike out of control limits
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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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Analysis Report

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 895112. Samples arrived at the laboratory on Friday, May 07, 2004. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
EW04-INF600 Filtered Grab Water Sample	4268693
EW05-INF600 Filtered Grab Water Sample	4268694

ELECTRONIC COPY TO	Earth Tech	Attn: Ms. Lisa Smith
ELECTRONIC COPY TO	Earth Tech	Attn: Mr. Rob Stenson
1 COPY TO	LLI	Attn: Ms. Kathy Klinefelter

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Erik Frederiksen
Group Leader

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4268693

EW04-INF600 Filtered Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:25 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

F6DAY SDG#: DCP70-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0495	mg/l	1
04001	Chemical Oxygen Demand	n.a.	27.8	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	05/11/2004 07:30	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4268694

EW05-INF600 Filtered Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:55 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 11:34
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W5F6D SDG#: DCP70-02*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.0776 J	0.0495	mg/l	1
04001	Chemical Oxygen Demand	n.a.	25.3 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	05/11/2004 07:36	Donna R Sackett	1
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 11:34 AM

Group Number: 895112

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 041311848003	Sample number(s): 4268693-4268694							
Iron	N.D.	0.0495	mg/l	103		91-114		
Batch number: 04135400101A	Sample number(s): 4268693-4268694							
Chemical Oxygen Demand				102		94-110		

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: 041311848003	Sample number(s): 4268693-4268694								
Iron	191*	158*	75-125	7	20	2.76	3.12	12	20
Batch number: 04135400101A	Sample number(s): 4268693-4268694								
Chemical Oxygen Demand	94	96	90-110	2	4	65.3	67.8	4 (1)	5

*- 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.

10160 - 895112 - 4268693-94

DAIMLERCHRYSLER — Chain-of-Custody

3690 B

Lancaster Laboratories	Project Name: DCX - Dayton Thermal	Consultant: Earth Tech	
2425 New Holland Pike	Site Location: Dayton, OH	Address: 4135 Technology Parkway	
Lancaster, PA 17601	Site Code:	Sheboygan, WI 53083	
Phone Number: (717) 656-2300	RFA Number: ET04026	Consultant PM Rob Stenson	
Fax Number: (717) 656-2681	DaimlerChrysler PM: Gary Stanczuk	Phone: 920-451-2401 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	VOCs (8260)	Diss. Gasses (8015B)	SO3	SO4	NO2	NO3	Total Hardness	Fe/Mn	Fe 2+	Remarks
EW04-INF300	5/5/04	2025	G	W	3	X									1625 on contains 5-7-04 VAD
EW05-INF300	↓	2050	↓	↓	3	X									
EW04-INF600	↓	2325	↓	↓	16	X	X	X	X	X	X	X	X	X	
EW4/5-EFF600	↓	2345	↓	↓	3	X									
EW05-INF600	↓	2355	↓	↓	16	X	X	X	X	X	X	X	X	X	
Trip Blank-050604	—	—	-	↓	1	X									

Sampler(s) B. Earl, J. Kelley, S. Cervi	Cooler ID # C06701, C08093, C08105	Samples Relinquished under Airbill No. 845918826793			Temperature (corrected) 3.5°, 4.5°
	Relinquished by: Brian J. Earl	Date: 5/6/04	Time: 1400	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: 5-7-04 Time: 0950 / 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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration Receipt Documentation Log

(Daimler Chrysler)

Client/Project: Earth Tech (MI)

Date of Receipt: 5-7-04

Time of Receipt: 0950

Source Code: 50-1

Shipping Container Sealed: (Y) / N

Custody Seal Present: (Y) / N

Custody Seal Intact: (Y) / N / NA

Package: (Chilled) / Not Chilled

Unpacker Emp. No.: 1255

Temperature of Shipping Containers	
#1 (vials)	#2
Thermometer ID: HB12107	Thermometer ID: HB12107
Temp.: 3.5°	Temp.: 4.5°
(Temp. Bottle) / Surface Temp.	(Temp. Bottle) / Surface Temp.
(Wet Ice) / Dry Ice / Ice Packs	(Wet Ice) / Dry Ice / Ice Packs
Ice Present? (Y) / N Loose / (Bagged)	Ice Present? (Y) / N Loose / (Bagged)
#3 Tedlar Bags	#4
Thermometer ID:	Thermometer ID:
Temp.:	Temp.:
Temp. Bottle / Surface Temp. (Not Chilled)	Temp. Bottle / Surface Temp.
Wet Ice / Dry Ice / Ice Packs	Wet Ice / Dry Ice / Ice Packs
Ice Present? Y / N Loose / Bagged	Ice Present? Y / N Loose / Bagged

Paperwork Discrepancy/Unpacking Problems: EW04-Inf 300 (dip times)
EW04-Inf 600 (COD dis) dif times
EW05-600 (COD) (missing Inf or ID label)
Shorthold - date collected - 5-5-04
(Total of containers on first COC paper written twice on 2nd COC paper)

Sample Administration Internal Chain of Custody

Name	Date	Time	Reason for Transfer
Kathy Bixler	5-7-04	1030	Unpacking
[illegible]	5-7-04	1040	(Place in Storage) or Entry
[illegible]	5-7-04	1100	Remove from Storage or Entry
			Place in Storage or Entry
			Entry

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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Analysis Report

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 895095. Samples arrived at the laboratory on Friday, May 07, 2004. The PO# for this group is N99C403749-B.

Client Description	Lancaster Labs Number
EW04-INF300 Grab Water Sample	4268631
EW05-INF300 Grab Water Sample	4268632
EW04-INF600 Grab Water Sample	4268633
EW4/5-EFF600 Grab Water Sample	4268634
EW05-INF600 Grab Water Sample	4268635
Trip_Blank_050604 Water Sample	4268636

ELECTRONIC COPY TO	Earth Tech	Attn: Ms. Lisa Smith
ELECTRONIC COPY TO	Earth Tech	Attn: Mr. Rob Stenson
1 COPY TO	LLI	Attn: Ms. Kathy Klinefelter

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Katherine A Klinefelter at (717) 656-2300.

Respectfully Submitted,

Robert Strocko Jr.
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4268631

EW04-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 20:25 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E4F30 SDG#: DCP68-01

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.		2.	ug/l	4
05385	Chloromethane	74-87-3	N.D.		4.	ug/l	4
05386	Vinyl Chloride	75-01-4	7.	J	4.	ug/l	4
05387	Bromomethane	74-83-9	N.D.		4.	ug/l	4
05388	Chloroethane	75-00-3	N.D.		4.	ug/l	4
05390	1,1-Dichloroethene	75-35-4	180.		3.	ug/l	4
05391	Methylene Chloride	75-09-2	N.D.		8.	ug/l	4
05392	trans-1,2-Dichloroethene	156-60-5	9.	J	3.	ug/l	4
05393	1,1-Dichloroethane	75-34-3	41.		4.	ug/l	4
05395	cis-1,2-Dichloroethene	156-59-2	270.		3.	ug/l	4
05396	Chloroform	67-66-3	N.D.		3.	ug/l	4
05398	1,1,1-Trichloroethane	71-55-6	490.		3.	ug/l	4
05399	Carbon Tetrachloride	56-23-5	N.D.		4.	ug/l	4
05401	Benzene	71-43-2	N.D.		2.	ug/l	4
05402	1,2-Dichloroethane	107-06-2	N.D.		4.	ug/l	4
05403	Trichloroethene	79-01-6	1,800.		20.	ug/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.		4.	ug/l	4
05406	Bromodichloromethane	75-27-4	N.D.		4.	ug/l	4
05407	Toluene	108-88-3	N.D.		3.	ug/l	4
05408	1,1,2-Trichloroethane	79-00-5	N.D.		3.	ug/l	4
05409	Tetrachloroethene	127-18-4	6.	J	3.	ug/l	4
05411	Dibromochloromethane	124-48-1	N.D.		4.	ug/l	4
05413	Chlorobenzene	108-90-7	N.D.		3.	ug/l	4
05415	Ethylbenzene	100-41-4	N.D.		3.	ug/l	4
05418	Styrene	100-42-5	N.D.		4.	ug/l	4
05419	Bromoform	75-25-2	N.D.		4.	ug/l	4
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		4.	ug/l	4
06302	Acetone	67-64-1	N.D.		24.	ug/l	4
06303	Carbon Disulfide	75-15-0	N.D.		4.	ug/l	4
06305	2-Butanone	78-93-3	N.D.		12.	ug/l	4
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		4.	ug/l	4
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		4.	ug/l	4
06308	4-Methyl-2-pentanone	108-10-1	N.D.		12.	ug/l	4
06309	2-Hexanone	591-78-6	N.D.		12.	ug/l	4
06310	Xylene (Total)	1330-20-7	N.D.		3.	ug/l	4

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4268631

EW04-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 20:25 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E4F30 SDG#: DCP68-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 11:21	Anita M Dale	4
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 11:44	Anita M Dale	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 11:21	Anita M Dale	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4268632

EW05-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 20:50 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W05F3 SDG#: DCP68-02

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	2.	J	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	2.	J	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	17.		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	2.	J	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	15.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	68.		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	220.		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	77.		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	940.		8.	ug/l	10
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

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Analysis Report

Lancaster Laboratories Sample No. WW 4268632

EW05-INF300 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 20:50 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W05F3 SDG#: DCP68-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 12:08	Anita M Dale	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 16:25	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 12:08	Anita M Dale	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4268633

EW04-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:25 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

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PO Box 537933
Livonia MI 48153-7933

4INF6 SDG#: DCP68-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	N.D.		0.0495	mg/l	1
02268	Ferric Iron	n.a.	N.D.		0.050	mg/l	1
07058	Manganese	7439-96-5	0.0904		0.00084	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.	347.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	495.		4.9	mg/l as CaCO3	10
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	1.2		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.	2.9		0.50	mg/l	1
01125	Sulfate (turbidimetric)	14808-79-8	77.6		6.0	mg/l	4
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
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		2.	ug/l	4
05385	Chloromethane	74-87-3	N.D.		4.	ug/l	4
05386	Vinyl Chloride	75-01-4	7.	J	4.	ug/l	4
05387	Bromomethane	74-83-9	N.D.		4.	ug/l	4
05388	Chloroethane	75-00-3	N.D.		4.	ug/l	4
05390	1,1-Dichloroethene	75-35-4	170.		3.	ug/l	4
05391	Methylene Chloride	75-09-2	N.D.		8.	ug/l	4
05392	trans-1,2-Dichloroethene	156-60-5	10.	J	3.	ug/l	4
05393	1,1-Dichloroethane	75-34-3	40.		4.	ug/l	4
05395	cis-1,2-Dichloroethene	156-59-2	260.		3.	ug/l	4
05396	Chloroform	67-66-3	N.D.		3.	ug/l	4
05398	1,1,1-Trichloroethane	71-55-6	480.		3.	ug/l	4
05399	Carbon Tetrachloride	56-23-5	N.D.		4.	ug/l	4
05401	Benzene	71-43-2	N.D.		2.	ug/l	4
05402	1,2-Dichloroethane	107-06-2	N.D.		4.	ug/l	4

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Analysis Report

Lancaster Laboratories Sample No. WW 4268633

EW04-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:25 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

4INF6 SDG#: DCP68-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
05403	Trichloroethene	79-01-6	1,700.		20.	ug/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.		4.	ug/l	4
05406	Bromodichloromethane	75-27-4	N.D.		4.	ug/l	4
05407	Toluene	108-88-3	N.D.		3.	ug/l	4
05408	1,1,2-Trichloroethane	79-00-5	N.D.		3.	ug/l	4
05409	Tetrachloroethene	127-18-4	10.	J	3.	ug/l	4
05411	Dibromochloromethane	124-48-1	N.D.		4.	ug/l	4
05413	Chlorobenzene	108-90-7	N.D.		3.	ug/l	4
05415	Ethylbenzene	100-41-4	N.D.		3.	ug/l	4
05418	Styrene	100-42-5	N.D.		4.	ug/l	4
05419	Bromoform	75-25-2	N.D.		4.	ug/l	4
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		4.	ug/l	4
06302	Acetone	67-64-1	N.D.		24.	ug/l	4
06303	Carbon Disulfide	75-15-0	N.D.		4.	ug/l	4
06305	2-Butanone	78-93-3	N.D.		12.	ug/l	4
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		4.	ug/l	4
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		4.	ug/l	4
06308	4-Methyl-2-pentanone	108-10-1	N.D.		12.	ug/l	4
06309	2-Hexanone	591-78-6	N.D.		12.	ug/l	4
06310	Xylene (Total)	1330-20-7	N.D.		3.	ug/l	4

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	05/11/2004 07:17	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	05/11/2004 11:05	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	05/11/2004 07:17	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	05/14/2004 17:28	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	05/14/2004 17:28	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	05/17/2004 09:50	Susan A Engle	10
00219	Nitrite Nitrogen	EPA 353.2	1	05/07/2004 15:10	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	05/11/2004 15:00	Katherine D Webster	1
00229	Sulfite	EPA 377.1	1	05/10/2004 08:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	05/10/2004 12:53	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	05/11/2004 10:30	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4268633

EW04-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:25 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

4INF6 SDG#: DCP68-03

08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	1	05/08/2004 09:00	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	05/14/2004 19:46	Tiffany A George	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 12:31	Anita M Dale	4
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 12:55	Anita M Dale	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 12:31	Anita M Dale	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4268634

EW4/5-EFF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:45 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E45F6 SDG#: DCP68-04

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	0.9	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	3.	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	2.	J	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	7.	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

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Analysis Report

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Lancaster Laboratories Sample No. WW 4268634

EW4/5-EFF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:45 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

E45F6 SDG#: DCP68-04

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 13:41	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 13:41	Anita M Dale	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4268635

EW05-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:55 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W05N6 SDG#: DCP68-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
01754	Iron	7439-89-6	0.271		0.0495	mg/l	1
02268	Ferric Iron	n.a.	0.14	J	0.050	mg/l	1
07058	Manganese	7439-96-5	0.0584		0.00084	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.	347.		0.41	mg/l as CaCO3	1
00216	Total Hardness	471-34-1	471.		4.9	mg/l as CaCO3	10
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.79		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	80.9		6.0	mg/l	4
04001	Chemical Oxygen Demand	n.a.	27.8	J	8.2	mg/l	1
08344	Ferrous Iron	n.a.	0.13		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.		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	2.	J	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	20.		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	2.	J	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	17.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	68.		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	250.		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

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Analysis Report

Lancaster Laboratories Sample No. WW 4268635

EW05-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:55 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W05N6 SDG#: DCP68-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05403	Trichloroethene	79-01-6	77.	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	880.	8.	ug/l	10
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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	05/11/2004 07:24	Donna R Sackett	1
02268	Ferric Iron	SW-846 6010B modified	1	05/14/2004 07:10	Tessa R Marshall	1
07058	Manganese	SW-846 6010B	1	05/11/2004 07:24	Donna R Sackett	1
00201	Alkalinity to pH 8.3	EPA 310.1	1	05/14/2004 17:28	Justin M Bowers	1
00202	Alkalinity to pH 4.5	EPA 310.1	1	05/14/2004 17:28	Justin M Bowers	1
00216	Total Hardness	EPA 130.2 (modified)	1	05/17/2004 09:50	Susan A Engle	10
00219	Nitrite Nitrogen	EPA 353.2	1	05/07/2004 15:00	Kyle W Eckenroad	1
00220	Nitrate Nitrogen	EPA 353.2	1	05/11/2004 15:01	Katherine D Webster	1
00229	Sulfite	EPA 377.1	1	05/10/2004 08:45	Michele L Graham	1
00273	Total Organic Carbon	EPA 415.1	1	05/10/2004 13:01	Timothy M Petree	1
01125	Sulfate (turbidimetric)	EPA 375.4	1	05/11/2004 10:30	Susan A Engle	4
04001	Chemical Oxygen Demand	EPA 410.4	2	05/14/2004 09:35	Susan A Engle	1
08344	Ferrous Iron	SM 18, 3500-Fe D (modified)	2	05/13/2004 00:50	Daniel S Smith	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B, modified	1	05/14/2004 19:58	Tiffany A George	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4268635

EW05-INF600 Grab Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected:05/05/2004 23:55 by BE

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:07
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

W05N6 SDG#: DCP68-05

06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 13:18	Anita M Dale	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 16:48	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 13:18	Anita M Dale	n.a.
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	05/10/2004 21:00	James L Mertz	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4268636

Trip_Blank_050604 Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected: n.a.

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:08
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TB050 SDG#: DCP68-06TB*

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
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4268636

Trip_Blank_050604 Water Sample
Site Code: SC001 RFA# ET04026
Dayton Thermal/Dayton, OH
Collected: n.a.

Account Number: 10160

Submitted: 05/07/2004 09:50
Reported: 05/18/2004 at 13:08
Discard: 07/18/2004

DaimlerChrysler Corporation
PO Box 537933
Livonia MI 48153-7933

TB050 SDG#: DCP68-06TB*

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06291	TCL by 8260 (water)	SW-846 8260B	1	05/12/2004 14:05	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2004 14:05	Anita M Dale	n.a.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 01:08 PM

Group Number: 895095

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04128105101A	Sample number(s): 4268633,4268635							
Nitrite Nitrogen	N.D.	0.015	mg/l	100		89-110		
Batch number: 04129834401A	Sample number(s): 4268633							
Ferrous Iron	N.D.	0.0080	mg/l	101		95-105		
Batch number: 04131011111B	Sample number(s): 4268633,4268635							
Total Organic Carbon	N.D.	0.50	mg/l	103		85-111		
Batch number: 04131022901A	Sample number(s): 4268633,4268635							
Sulfite	N.D.	1.2	mg/l	78		68-103		
Batch number: 041311848003	Sample number(s): 4268633,4268635							
Iron	N.D.	0.0495	mg/l	103		91-114		
Manganese	N.D.	0.00084	mg/l	102		93-110		
Batch number: 04132106101A	Sample number(s): 4268633,4268635							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 04132112501A	Sample number(s): 4268633,4268635							
Sulfate (turbidimetric)	N.D.	1.5	mg/l	95		90-110		
Batch number: 04134834401A	Sample number(s): 4268635							
Ferrous Iron	N.D.	0.0080	mg/l	101		95-105		
Batch number: 041350033A	Sample number(s): 4268633,4268635							
Ethane	N.D.	1.0	ug/l	100		80-120		
Ethene	N.D.	1.0	ug/l	100		80-120		
Batch number: 04135020201A	Sample number(s): 4268633,4268635							
Alkalinity to pH 4.5				100		98-103		
Batch number: 04135400101A	Sample number(s): 4268633,4268635							
Chemical Oxygen Demand				102		94-110		
Batch number: 04138021601A	Sample number(s): 4268633,4268635							
Total Hardness	N.D.	0.49	mg/l as Ca	102		98-107		
Batch number: W041311AB	Sample number(s): 4268631-4268636							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	102		77-127		
Chloromethane	N.D.	1.	ug/l	113		69-136		
Vinyl Chloride	N.D.	1.	ug/l	111		71-129		
Bromomethane	N.D.	1.	ug/l	73		46-138		

*- 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.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 01:08 PM

Group Number: 895095

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	82		59-133		
1,1-Dichloroethene	N.D.	0.8	ug/l	103		79-130		
Methylene Chloride	N.D.	2.	ug/l	104		80-128		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	104		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	103		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	103		84-117		
Chloroform	N.D.	0.8	ug/l	102		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	103		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	103		77-130		
Benzene	N.D.	0.5	ug/l	102		85-117		
1,2-Dichloroethane	N.D.	1.	ug/l	105		77-132		
Trichloroethene	N.D.	1.	ug/l	100		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	102		80-117		
Bromodichloromethane	N.D.	1.	ug/l	100		83-121		
Toluene	N.D.	0.7	ug/l	100		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	100		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	97		82-126		
Dibromochloromethane	N.D.	1.	ug/l	96		78-119		
Chlorobenzene	N.D.	0.8	ug/l	101		85-115		
Ethylbenzene	N.D.	0.8	ug/l	100		82-119		
Styrene	N.D.	1.	ug/l	101		84-117		
Bromoform	N.D.	1.	ug/l	91		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	98		72-119		
Acetone	N.D.	6.	ug/l	95		22-179		
Carbon Disulfide	N.D.	1.	ug/l	106		73-143		
2-Butanone	N.D.	3.	ug/l	93		45-154		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	96		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	101		78-114		
4-Methyl-2-pentanone	N.D.	3.	ug/l	94		65-125		
2-Hexanone	N.D.	3.	ug/l	88		47-150		
Xylene (Total)	N.D.	0.8	ug/l	102		84-120		

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: 04128105101A	Sample number(s): 4268633,4268635								
Nitrite Nitrogen	106		90-110			N.D.	N.D.	200* (1)	20
Batch number: 04129834401A	Sample number(s): 4268633								
Ferrous Iron	93	91	83-111	1	5	1.7	1.6	8* (1)	6
Batch number: 04131011111B	Sample number(s): 4268633,4268635								
Total Organic Carbon	69		57-138			3.4	3.4	2 (1)	4
Batch number: 04131022901A	Sample number(s): 4268633,4268635								
Sulfite	47	43	14-106	9	20	N.D.	N.D.	0 (1)	20
Batch number: 041311848003	Sample number(s): 4268633,4268635								
Iron	191*	158*	75-125	7	20	2.76	3.12	12	20
Manganese	107	105	85-111	1	20	0.535	0.540	1	20

*- 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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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation Group Number: 895095
Reported: 05/18/04 at 01:08 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
Batch number: 04132106101A	Sample number(s): 4268633,4268635								
Nitrate Nitrogen	99		90-110			N.D.	N.D.	0 (1)	2
Batch number: 04132112501A	Sample number(s): 4268633,4268635								
Sulfate (turbidimetric)	95	95	69-124	0	4	32.8	31.1	5* (1)	4
Batch number: 04134834401A	Sample number(s): 4268635								
Ferrous Iron	98	94	83-111	4	5	0.011 J	N.D.	200* (1)	6
Batch number: 041350033A	Sample number(s): 4268633,4268635								
Ethane	102	98	78-114	3	20				
Ethene	100	98	78-119	2	20				
Batch number: 04135020201A	Sample number(s): 4268633,4268635								
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Alkalinity to pH 4.5	99	99	64-130	0	2	28.5	28.6	1	4
Batch number: 04135400101A	Sample number(s): 4268633,4268635								
Chemical Oxygen Demand	94	96	90-110	2	4	65.3	67.8	4 (1)	5
Batch number: 04138021601A	Sample number(s): 4268633,4268635								
Total Hardness	99	101	93-115	1	2	68.3	67.5	1	4
Batch number: W041311AB	Sample number(s): 4268631-4268636								
Methyl Tertiary Butyl Ether	101	100	69-134	1	30				
Chloromethane	118	119	70-148	1	30				
Vinyl Chloride	121	121	70-151	1	30				
Bromomethane	76	75	52-140	1	30				
Chloroethane	84	85	63-142	1	30				
1,1-Dichloroethene	109	115	78-146	5	30				
Methylene Chloride	104	104	79-133	1	30				
trans-1,2-Dichloroethene	108	111	82-133	2	30				
1,1-Dichloroethane	108	110	85-135	1	30				
cis-1,2-Dichloroethene	108	110	83-126	2	30				
Chloroform	106	107	82-131	1	30				
1,1,1-Trichloroethane	109	111	82-135	2	30				
Carbon Tetrachloride	112	116	73-144	3	30				
Benzene	108	109	83-128	1	30				
1,2-Dichloroethane	107	110	73-136	2	30				
Trichloroethene	110	112	75-135	1	30				
1,2-Dichloropropane	105	106	81-121	1	30				
Bromodichloromethane	102	105	83-121	2	30				
Toluene	105	107	83-127	1	30				
1,1,2-Trichloroethane	101	105	77-125	4	30				
Tetrachloroethene	104	107	75-143	3	30				
Dibromochloromethane	97	101	73-119	4	30				
Chlorobenzene	106	108	83-120	2	30				
Ethylbenzene	106	110	82-129	3	30				
Styrene	104	106	76-126	2	30				
Bromoform	92	97	64-119	5	30				
1,1,2,2-Tetrachloroethane	100	105	69-121	5	30				
Acetone	94	99	12-153	5	30				
Carbon Disulfide	114	114	77-155	1	30				
2-Butanone	93	98	42-140	6	30				
trans-1,3-Dichloropropene	98	100	75-117	2	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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Analysis Report

Quality Control Summary

Client Name: DaimlerChrysler Corporation
Reported: 05/18/04 at 01:08 PM

Group Number: 895095

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
cis-1,3-Dichloropropene	101	105	76-117	3	30				
4-Methyl-2-pentanone	93	99	61-126	6	30				
2-Hexanone	87	93	44-140	7	30				
Xylene (Total)	107	111	82-130	4	30				

Surrogate Quality Control

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 041350033A

	Propene
4268633	93
4268635	96
Blank	110
LCS	105
MS	102
MSD	98
Limits:	68-113

Analysis Name: TCL by 8260 (water)
Batch number: W041311AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4268631	105	102	103	101
4268632	106	103	104	101
4268633	105	102	103	101
4268634	107	98	102	101
4268635	106	103	102	99
4268636	105	102	103	101
Blank	105	103	104	101
LCS	103	101	104	101
MS	105	104	103	102
MSD	104	102	103	104
Limits:	81-120	82-112	85-112	83-113

*- 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.

10160 - 895095 - 4268631-36

DAIMLERCHRYSLER — Chain-of-Custody

3690 B

Lancaster Laboratories	Project Name: DCX - Dayton Thermal	Consultant: Earth Tech	
2425 New Holland Pike	Site Location: Dayton, OH	Address: 4135 Technology Parkway	
Lancaster, PA 17601	Site Code:	Sheboygan, WI 53083	
Phone Number: (717) 656-2300	RFA Number: ET04026	Consultant PM Rob Stenson	
Fax Number: (717) 656-2681	DaimlerChrysler PM: Gary Stanczuk	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	VOCs (8260)	Diss. Gasses (8015B)	SO3	SO4	NO2	NO3	Total Hardness	Fe/Mn	Fe 2+	Remarks
EW04-INF300	5/5/04	2025	G	W	3	X									1625 on containers 5-7-04 VAB
EW05-INF300	↓	2050	↓	↓	3	X									
EW04-INF600	↓	2325	↓	↓	16	X	X	X	X	X	X	X	X	X	
EW4/5-EFF600	↓	2345	↓	↓	3	X									
EW05-INF600	↓	2355	↓	↓	16	X	X	X	X	X	X	X	X	X	
Trip Blank-050604	—	—	—	↓	1	X									

Sampler(s): B. Earl, J. Kelley, S. Cerri

Cooler ID # C06701, C08093, C08105

Samples Relinquished under Airbill No. 845918826793

Temperature (corrected) 3.5°, 4.5°

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Custody Seal Intact?
Brian J. Earl	5/6/04	1400				Yes No
Relinquished by:	Date:	Time:	Received for Laboratory by:	Date:	Time:	Custody Seal Intact?
			Kathy Binkley	5-7-04	0950	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

10160 - 895095 - 426863 1-36

DAIMLERCHRYSLER

Chain-of-Custody

№ 00702 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: DCx-Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET04026 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	COD	TOC	Alk	Diss. COD	Diss. Fe					Remarks
EW04-INF300	5/5/04	2025	G	W	3										
EW05-INF300		2050			3										
EW04-INF600		2325			16	X	X	X	X	X					
EW4/5-EFF600		2345			3										
EW05-INF600		2355			16	X	X	X	X	X					
Trip Blank -050604	—	—	—		1	~~X~~ BTEX 5/6/04									

Sampler(s) B. Earl, J. Kelley, S. Cerv	Cooler ID # C06701, C08093, C08105			Samples Relinquished under Airbill No. 845918826793		Temperature (corrected) 3.5, 4.5°
	Relinquished by:	Date: 5/6/04	Time: 1900	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: Kathy Binkley	Date: 5-7-04	Time: 0950	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

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

DAIMLERCHRYSLER CORPORATION BOTTLE REQUEST AND SHIPMENT FORM

0819 B

	PARAMETER	NO. OF BOTTLES NEEDED FOR TEST	NO. OF BOTTLES SENT	CHEMICAL PRESERVATIVE	PRESERVATIVE LOT NO.	BOTTLE TYPE	BOTTLE LOT NO.
38*	Volatiles (H2O)	3	146	HCl	H613N36A16	Vials (40 ml)	4042011
57	Semivolatiles (H2O)	2*		None	N/A	Amber Liter	
	PCBs (H2O)	2*		None	N/A	Amber Liter	
08*	Metals (H2O)	1	14	HNO3	04-96-01	Plastic ~~Liter~~ 500ml	518137
	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		None	N/A	125ml Glass Jar	
	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	
91*	TOC	1	7	H_3PO_4	04-63-01	120ml amber glass	004089
32*	SO3	1	7	None	N/A	250ml amber Glass	004261
80*	NO2	1	7	NONE	N/A	40ml vial	4-042-012
56*	NO3	1	7	H_2SO_4	03-322-03	40ml vial	4-042-011
03	COD	1	14	H_2SO_4	04-71-01	1000ml Clear Glass	005138
35*	Fe2+	1	7	HCl	04-82-01	250ml amber Glass	004480
04	SO4	1	7	NONE	N/A	500ml plastic	507781
12*	DI Water	N/A	8	N/A	N/A	~~Amber Liter~~ Vials	1495
38*	Trip Blank	2	4	HCl	H613N36A16	Vials (40 ml)	4042011
	Temperature Blank	N/A	1 per cooler	N/A	N/A	N/A	N/A

Project Name: Dayton thermal
RFA Number: ET04026
Customer Service Rep: Kathy Klinefelter
Date: 4-29-04

Ship To Address:
Fedex World Servic Center
Hold for P/U by Earth Tech
Airport Area
3605 Concorde Rd.
Vandalia OH 45377

pH strips? Yes / No
DaimlerChrysler COCs? Yes / No
Site-specific MS/MSD ? Yes / No
Labels? Yes / No
Custody seals? Yes / No
Cooler No(s): C05109 C08105 C08093 C08030 C07923
Packed by: [signature]
Date: 4-29-04
Shipped by: [signature]
Date: 4-29-04

THIS SECTION COMPLETED BY ENGINEERING FIRM
Received in good condition? Yes No

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:

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
Revision 1 / July 9, 1999

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Pink copy - retained by shipper

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

DAIMLERCHRYSLER CORPORATION BOTTLE REQUEST AND SHIPMENT FORM

0820 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		HCl		Vials (40 ml)	
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		None	N/A	125ml Glass Jar	
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	
t. Hard	1	7	HNO3	04-030-01	250 ml plastic	[illegible]9597
Alk	1	7	NONE	N/A	500 ml plastic	[illegible]1813
DI Water	N/A		N/A	N/A	Amber Liter	
Trip Blank	2		HCl		Vials (40 ml)	
Temperature Blank	N/A	1 per cooler	N/A	N/A	N/A	N/A

Project Name: Dayton Thermal
RFA Number: E+04026
Ship To Address: Fedex World Service Center
Hold for P/U by Earth Tech
Airport Area
3[illegible] Concorde Rd.
Vandalia, OH 4[illegible]377

Customer Service Rep: [illegible] Date: 4-2[illegible]-04

pH strips? Yes / No
DaimlerChrysler COCs? Yes / No
Site-specific MS/MSD ? Yes / No
Labels? Yes / No
Custody seals? Yes / No
Cooler No(s):
Packed by: [illegible] Date: 4-29-04
Shipped by: [illegible] Date: 4-29-04

[illegible] INSPECTION COMPLETED BY ENGINEERING [illegible]
Received in good condition? Yes / No

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:

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
Revision 1 / July 9, 1999

Yellow copy - retained by field

Pink copy - retained by shipper

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration Receipt Documentation Log

(Daimler Chrysler)

Client/Project: Earth Tech (MI)

Date of Receipt: 5-7-04

Time of Receipt: 0950

Source Code: 50-1

Shipping Container Sealed: (Y) / N

Custody Seal Present: (Y) / N

Custody Seal Intact: (Y) / N / NA

Package: (Chilled) / Not Chilled

Unpacker Emp. No.: 1255

Temperature of Shipping Containers	
#1 (vials)	#2
Thermometer ID: HB12107	Thermometer ID: HB12107
Temp.: 3.5°	Temp.: 4.5°
(Temp. Bottle) / Surface Temp.	(Temp. Bottle) / Surface Temp.
(Wet Ice) / Dry Ice / Ice Packs	(Wet Ice) / Dry Ice / Ice Packs
Ice Present? (Y) / N Loose / (Bagged)	Ice Present? (Y) / N Loose / (Bagged)
#3 Tedlar Bag	#4
Thermometer ID:	Thermometer ID:
Temp.:	Temp.:
Temp. Bottle / Surface Temp. (Not Chilled)	Temp. Bottle / Surface Temp.
Wet Ice / Dry Ice / Ice Packs	Wet Ice / Dry Ice / Ice Packs
Ice Present? Y / N Loose / Bagged	Ice Present? Y / N Loose / Bagged

Paperwork Discrepancy/Unpacking Problems: EW04-Inf 300 (dip times)
EW04-Inf 600 (COD dis) dif times
EW05-600 (COD) (missing Inf or ID label)
Shorthold - date collected - 5-5-04
(Total of containers on first COC paper written twice on 2nd COC paper)

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Kathy Bixler	5-7-04	1030	Unpacking
[illegible]	5-7-04	1040	(Place in Storage) or Entry
[illegible]	5-7-04	1100	Remove from Storage or Entry
			Place in Storage or Entry
			Entry

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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EPA Region 5 Records Ctr.
350082

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** AS-1

PROJECT:	Dayton Thermal Products, March 2002 GW Sampling
LOCATION:	1600 Webster Street
	Dayton, Ohio

Date:	3/26/02
Inspectors:	L Escola
Pump #:	dedicated
Bladder #:	dedicated
Bailer Type:	low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
	Inside	Building						

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		21.73	1.062	7.48	0.39	-53	Clear
2	low-flow cell		21.72	1.059	7.49	0.33	-52	
3	low-flow cell		21.72	1.060	7.50	0.28	-51	
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
AS-1	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl		

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** MW007S
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stafford
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
14:00	32°	Cloudy	100%	10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		15.95	1.006	7.55	3.26	-18	Clear
2	low-flow cell		16.05	1.001	7.51	3.21	-19	↓
3	low-flow cell		16.12	1.004	7.48	3.17	-18	↓
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved…	Preservative: HCl, Na2SO4, NO3…	Date	Time
MW007S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	1415
MW007S dup	3	"	"	"	"	"	"

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ007I
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stefanoff
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
14:05	32°	cloudy	100%	10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		10.44	0.005	7.99	4.45	-36	clear
2	low-flow cell		8.89	0.007	7.96	5.46	-33	
3	low-flow cell		16.25	1.083	7.74	0.94	-47	
4	low-flow cell		16.19	1.088	7.70	0.83	-48	
5	low-flow cell		16.20	1.086	7.66	0.73	-48	
REMARKS:			16.24	1.083	7.64	0.65	-48	

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	*Analytes:* VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ007I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	1410

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** MW008S
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stefanof
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
1455	30°	Cloudy	100%	10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.90	1.034	7.68	2.13	-46	Clear
2	low-flow cell		18.00	1.025	7.63	2.03	-46	↓
3	low-flow cell		18.00	1.024	7.60	1.92	-46	
4	low-flow cell		18.03	1.025	7.57	1.85	-46	
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW008S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	1510

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ008I
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stafford
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
1505	30°	Cloudy	100%	10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		18.98	0.576	7.79	0.78	-28	clear
2	low-flow cell		18.89	0.579	7.77	0.66	-27	
3	low-flow cell		19.00	0.588	7.75	0.57	-26	
4	low-flow cell		19.01	0.594	7.76	0.49	-25	
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ008I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	1520

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ008D
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stefanoff
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
1450	35°	Cloudy	100%	10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.24	1.220	7.50	0.68	-38	clear
2	low-flow cell		17.21	1.223	7.50	0.58	-39	↓
3	low-flow cell		17.15	1.226	7.49	0.52	-39	↓
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ008D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	1515

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ 009.D
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stefanoff
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
1525	30°	cloudy	100%	10-15	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.53	1.080	7.86	0.56	-48	Cloudy, br
2	low-flow cell		17.44	1.082	7.80	0.47	-48	↓
3	low-flow cell		17.46	1.079	7.75	0.41	-48	↓
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ009.D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	15:40

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** MW010S
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/27/02 MW010S
LOCATION: 1600 Webster Street		Inspectors: M. Stefanoff
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
1435	40°	pty Sunny	50%	5-10	N	dry		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.08	1.360	7.83	0.97	-45	Clear
2	low-flow cell		17.08	1.345	7.79	0.85	-44	"
3	low-flow cell		17.06	1.339	7.76	0.81	-43	
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW010S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/27/02	1440

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ010I

PROJECT:	Dayton Thermal Products, March 2002 GW Sampling
LOCATION:	1600 Webster Street
	Dayton, Ohio

Date:	3/27/02
Inspectors:	M. Stefanoff
Pump #:	dedicated
Bladder #:	dedicated
Bailer Type:	low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
1430	40°	Mly sunny	50%	5-10	N	dry		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.38	1.205	7.57	0.55	-17	clear
2	low-flow cell		17.31	1.207	7.55	0.44	-16	↓
3	low-flow cell		17.34	1.206	7.54	0.36	-16	✓
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ010I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/27/02	1445

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** MW-011S
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/27/02
LOCATION: 1600 Webster Street		Inspectors: LTE MTS AJR
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
8:15	28°	Cloudy	60%	5-10	N	Wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.93	1.155	7.54	0.44	-81	Clear
2	low-flow cell		18.04	1.152	7.54	0.36	-86	↓
3	low-flow cell		18.05	1.143	7.53	0.31	-88	↓
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW-011S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	03/27/02	08:30

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ12I
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stafford
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
12:15	32°	rain	100%	5-10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		18.66	1.079	7.60	0.77	-50	Clear
2	low-flow cell		18.74	1.074	7.53	0.51	-49	↓
3	low-flow cell		18.72	1.075	7.51	0.43	-49	↓
4	low-flow cell		18.69	1.078	7.50	0.38	-49	↓
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ12I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	1230

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ12D
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stylard
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
12:20	32°	rain	100%	5-10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.44	1.218	7.41	0.47	-33	Clear
2	low-flow cell		17.46	1.219	7.42	0.60	-33	
3	low-flow cell		17.50	1.218	7.43	0.34	-32	
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ12D	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	12:35

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ013I
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Skelany
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
10:55	32°	cloudy, drizzle	100%	5-10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		17.53	1.011	7.33	0.43	-12	Clear
2	low-flow cell		17.63	1.010	7.31	0.35	-12	↓
3	low-flow cell		17.65	1.009	7.29	0.30	-11	↓
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ013I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	11:10

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** PZ014I
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/26/02
LOCATION: 1600 Webster Street		Inspectors: M. Stefanof
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
12:50	32°	rain	100%	5-10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		18.42	1.232	7.42	0.31	-23	Clear
2	low-flow cell		18.44	1.210	7.40	0.26	-23	↓
3	low-flow cell		18.46	1.210	7.38	0.24	-36	↓
4	low-flow cell		18.41	1.213	7.39	0.21	-23	↓
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
PZ014I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/26/02	12:45

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** MW-615S
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 03/27/02
LOCATION: 1600 Webster Street		Inspectors:
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
8:50	30°	pttly cloudy	60%	5-10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		16.65	1.074	8.05	3.71	-22	Cloudy
2	low-flow cell		16.71	1.048	8.01	3.60	-26	
3	low-flow cell		16.56	1.048	7.98	3.55	-27	
4	low-flow cell							
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
MW-615S	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	03/27/02	08:50
MW-615S-Dup	3	40ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	03/27/02	08:50

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA

DAIMLERCHRYSLER CORPORATION

SAMPLING RECORD - GROUNDWATER

CONSULTANT: Leggette, Brashears & Graham, Inc.	**RFA NUMBER:** LBG02012	**WELL #:** P2015I
PROJECT: Dayton Thermal Products, March 2002 GW Sampling		Date: 3/27/02
LOCATION: 1600 Webster Street		Inspectors: M. Stefanski
Dayton, Ohio		Pump #: dedicated
		Bladder #: dedicated
		Bailer Type: low-flow cell

WEATHER/FIELD CONDITIONS (Record Major Changes)

Time (24 hour)	Temp. (Approx)	Weather (General)	Relative Humidity (Approx)	Wind (From) Velocity (Approx)	Wind (From) Direction (0-360)	Ground/Site Surface Conditions	MONITORING Instrument	MONITORING Model No.
8:45	30°	partly cloudy	60%	5-10	N	wet		

WELL DIAMETER FACTORS

Diameter (in)	1	1.5	2	3	4	6	8	10
Gallons/Foot	0.041	0.092	0.163	0.367	0.654	1.47	2.61	5.87

DATA COLLECTED AT WELL SITE	Initial Depth to Water (ft)	Final Depth to Water (ft)	Depth to Top of Screen (ft)	PID Reading (Opening Well)	Depth to Pump Intake (ft)	Pumping Start Time (24 hour)
		na		na		

1 Total Depth (feet)	2 Depth to Water (feet)	3 Column of Standing Water in Well (feet) (1-2)	4 Well Diameter Factor	5 Volume in Gallons (3x4)	6 Number of Well Volumes to be Evacuated	7 Total Volume to be Evacuated (gallons) (5x6)
			0.163		na	when stabilized per low-flow cell

MONITORING DATA COLLECTED DURING PURGING OPERATIONS

Cycle #	Pumping Rate (gal/min)	Cumulative Volume (gal)	Temperature (Celsius)	Spec. Cond. (umhos)	pH	Dissolved O2 (mg/L)	ORP (millivolts)	Turbidity (visual)
1	low-flow cell		16.75	1.082	7.52	1.03	-10	Clear
2	low-flow cell		16.73	1.079	7.50	0.90	-16	↓
3	low-flow cell		16.77	1.081	7.49	0.79	-9	
4	low-flow cell		16.78	1.081	7.48	0.73	-9	↓
5	low-flow cell							

REMARKS:

BOTTLES: Well Name	Count	Volume	Type: VOA, glass, amber, plastic	Analytes: VOC, SVOC, PAH, TPH, PCB, Metals, Pest, Herb, BTEX, dissolved...	Preservative: HCl, Na2SO4, NO3...	Date	Time
P2015I	3	40 ml	VOA, glass	TCL VOC, 5030B/5035/8260B	HCl	3/27/02	8:55

Samples collected by Roy F. Weston, Miamisburg, Ohio

Samples analyzed by Lancaster Laboratories, Lancaster, PA