BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

February 18, 2009

Mr. James Craft
New York State Department of
Environmental Conservation
Region 8
6274 East Avon-Lima Road
Avon, NY 14414

Re: Mercury Aircraft – Former Dresden, NY Facility
Quarterly Groundwater Monitoring Report – August 2008

Dear Mr. Craft:

On behalf of our client, Mercury Aircraft, Inc., Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared this letter report to transmit the results of the August 2008 post-remedial groundwater monitoring event at Mercury Aircraft's former Dresden facility in Torrey, New York (see Figure 1).

FIELD SAMPLING PROCEDURES

Groundwater monitoring included a round of static water level measurements in 26 monitoring and observation wells and piezometers across the Site. Table 1 summarizes the groundwater elevations on August 14, 2008. Subsequent to collecting water levels, monitoring wells were sampled using Passive Diffusion Bags (PDBs). Sixteen wells were designated for sampling: MW-3S, MW-3I, MW-3D, MW-3D2, MW-5S, MW-5I, MW-5D, MW-5D2, MW-6S, MW-6D, MW-7, MW-8, MW-9, MW-10, MW-11, and nested well NW-C.

Benchmark staff scientists installed the PDBs on May 14, 2008 in accordance with Benchmark's field operating procedure (FOP) for PDB sampling, which was transmitted to the NYSDEC with the July 2007 monitoring report. The PDBs were retrieved from the monitoring wells on August 14, 2008.

The analyte-free water from each PDB was placed in laboratory supplied, 40 ml HCL pre - preserved vials, and transferred under chain-of-custody to Columbia Analytical Services, Inc. located in Rochester, New York. Each well was then fitted with a new PDB, which was filled with laboratory supplied analyte-free water. The PDBs will be retrieved during the next monitoring event.

ANALYTICAL RESULTS

Each sample was submitted for analysis of halogenated Target Compound List (TCL) Volatile Organic Compounds (VOCs). Analyses were performed per USEPA Method 8021B by Columbia Analytical Services. Attachment 1 includes a copy of the analytical data package.

Table 2 summarizes detected compounds with their associated concentration and compares the results to NYSDEC Class "GA" Groundwater Quality Standards (NYSDEC TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values, June 1998). Guidance values are presented where standards have not been established for a specific compound.

As indicated on Table 2, VOCs were primarily detected in groundwater samples collected near the former spill source area and collection trench. No VOCs were detected above the Class GA Standards in deep well NW-C. Also, MW-8 located cross gradient of the former spill source area yielded no detectable VOCs. Similarly, no VOCs were detected in monitoring well MW-9.

DATA QUALITY

Site-specific quality control (QC) sampling included one blind duplicate sample (collected from MW-5D2) and one matrix spike/matrix spike duplicate sample. A trip blank was also included for VOC analysis and submitted to the laboratory.

In general, internal laboratory and site-specific QC samples indicate satisfactory analytical accuracy and precision. Blind duplicate data were consistent with the primary sample. According to Columbia Analytical Services, all surrogate standard recoveries were within acceptable limits (70 to 130%) with the following exceptions: The surrogate recoveries for Bromochloromethane for samples MW-3S and MW-7 were outside of acceptable range (i.e., higher) and are therefore flagged with a "*." The samples were reanalyzed but produced similar results. Based on these data, a high (positive) bias for some compounds is possible. No other QC issues were encountered.

GROUNDWATER TREATMENT SYSTEM MONITORING

Compliance monitoring of the groundwater treatment system was performed by Benchmark personal on August 14, 2008 concurrent with the quarterly groundwater sampling event. Samples of both the influent (PW-1 and PW-2) and effluent groundwater (Process Outfall) were collected in pre-preserved sample vials and transported under chain-of-custody to Adirondack Laboratories, Inc. Attachment 1 includes a copy of the analytical data package. Tables 2 and 3 present a summary of the influent and effluent groundwater sample results. As indicated on Table 3, the effluent discharge is within the required maximum process limits.

TREATMENT SYSTEM COLLECTION AND MAINTENANCE

The treatment system operated continuously throughout the subject reporting period with the exception of brief shutdowns for maintenance (i.e., 1-2 hours for routine and 4-6 hours for periodic maintenance). Specifically, routine maintenance includes changing the bag filters every 4 weeks. The air stripper trays were cleaned in 2008. As of August 14, 2008 the total volume of groundwater treated since process startup is 6,926,665 gallons.

ACTIVE SUB-SLAB DEPRESSURIZATION SYSTEM

An agreement between Mercury Aircraft, Inc. and the Ferro Corporation (Ferro) was finalized in December 2008 for the installation of the Active Sub-slab Depressurization System (ASD). The ASD will be installed by a mechanical contractor under contract with Mercury Aircraft. Ferro will provide additional labor and support during installation. Installation is anticipated to begin in 2009.

Please feel free to contact me with any questions.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC

Richard Tobias FOR

Thomas H. Forbes, P.E.
Project Manager

Att.

c: J. Kenney (NYSDOH)
File: 0001-003-200

BENCHMARK

TABLES

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TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS
August 14, 2008

Quarterly Groundwater Monitoring
Mercury Aircraft, Inc.- Former Dresden Facility
Torrey, New York

Monitoring Location	Network Monitoring Well	TOR Elevation (fmsl)	DTW (fbTOR)	Groundwater Elevation (fmsl)
OW-1		532.42	20.04	512.38
OW-2		532.00	20.00	512.00
OW-3		529.52		NM
MW-1S		547.08	7.51	539.57
MW-3S	x	532.57	19.30	513.27
MW-3I	x	533.01	22.24	510.77
MW-3D	x	532.58	25.03	507.55
MW-3D2	x	532.70	34.90	497.80
MW-4S		532.81	18.72	514.09
MW-4I		532.44	26.55	505.89
MW-5S	x	525.85	5.95	519.90
MW-5I	x	525.61	14.31	511.30
MW-5D	x	524.37	26.39	497.98
MW-5D2	x	524.35	40.68	483.67
MW-6S	x	522.65	4.04	518.61
MW-6D	x	521.84	37.94	483.90
MW-7	x	516.73	6.45	510.28
MW-8	x	520.30	9.63	510.67
MW-9	x	519.84	6.67	513.17
MW-10	x	540.05	9.51	530.54
MW-11	x	536.91	66.61	470.30
NW-A (3)	x	503.40	13.94	489.46
NW-B (3)	x	503.41	43.11	460.30
NW-C (4)	x	503.32	47.20	456.12
NW-D (3)	x	502.95	46.83	456.12
NW-E (3)	x	502.88	44.12	458.76
NW-F (3)	x	502.89	33.60	469.29

Notes:

1. DTW = depth to water
2. NM = water level not meaured at this location.
3. Sampled annually
4. Sampled quarterly beginning October 2007.
5. NA = not accessible

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TABLE 2

ANALYTICAL DATA SUMMARY
Aug-08
Quarterly Groundwater Monitoring
Mercury Aircraft, Inc. - Former Dresden Facility
Torrey, New York

PARAMETER	MW-3S	MW-3I	MW-3D	MW-3D2	MW-5S	MW-5I	MW-5D	MW-5D2	BLIND DUP	MW-6S	MW-6D	GWQS [2]
Volatile Organic Compounds (ug/L):												
1,1,1-Trichloroethane	ND	ND	ND	**13**	**16**	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethane	**440**	**21**	**36**	**57**	**8.7**	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethene	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	5
Chloroethane	**530**	ND	3.6	2.9	ND	ND	ND	ND	ND	ND	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Carbon Tetrachloride	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	7
cis-1,2-Dichloroethene	**4600**	**180**	**250**	**300**	**140**	ND	ND	ND	ND	ND	ND	5
Trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1800**	ND	2
Trichloroethene	ND	3.4	4.4	**13**	**220**	ND	ND	ND	ND	**22**	ND	5
Vinyl Chloride	**5900**	ND	**140**	**120**	ND	ND	ND	ND	ND	ND	ND	2

Notes:

1. Only those compounds detected above the method detection limit at a minimum of one sample location are reported in this table, all others were reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards (GWQS) as per 6 NYCRR Part 703. Guidance value used when Standard value not available.
3. Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis performed on groundwater sample collected from MW-6D.
4. Blind Duplicate sample collected from MW-5D2.
5. "ND" indicates parameter was not detected above laboratory reporting limit and is reported herein as non-detect.

BOLD - exceeds GWQS value

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TABLE 2 (cont'd)

ANALYTICAL DATA SUMMARY
Aug-08
Quarterly Groundwater Monitoring
Mercury Aircraft, Inc. - Former Dresden Facility
Torrey, New York

PARAMETER	MW-7	MW-8	MW-9	MW-10	MW-11	NW-C	PW-1 Influent	PW-2 Influent	GWQS [2]
Volatile Organic Compounds (ug/L):									
1,1,1-Trichloroethane	1.6	ND	ND	**4300**	**1500**	ND	**150**	**1400**	5
1,1-Dichloroethane	**7.1**	ND	ND	**6600**	**3800**	ND	**190**	**4700**	5
1,1-Dichloroethene	1.5	ND	ND	ND	**190**	ND	ND	ND	5
Carbon tetrachloride	**11**	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	**570**	ND	ND	ND	5
Chloroform	4.1	ND	ND	ND	ND	ND	ND	ND	7
cis-1,2-Dichloroethene	**110**	ND	ND	**160000**	**14000**	4.2	**2300**	**74000**	5
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
Trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	5
Trichloroethene	**82**	ND	ND	**330000**	ND	ND	**470**	ND	5
Vinyl Chloride	**21**	ND	ND	**26000**	**6100**	ND	**160**	**6200**	2

Notes:
1. Only those compounds detected above the method detection limit at a min. of 1 sample location are reported; all others reported as non-detect.
2. NYSDEC Class "GA" Groundwater Quality Standards (GWQS) as per 6 NYCRR Part 703. Guidance value used when Standard value not available.
3. Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis performed on groundwater sample collected from MW-6D.
4. Blind Duplicate sample collected from MW-5D2.
5. "ND" indicates parameter was not detected above laboratory reporting limit and is reported herein as non-detect.

OW-2 = Observation well OW-2 sampled this quarter as requested by NYSDEC.
PW = Pumping Well

BOLD - exceeds GWQS value

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TABLE 3

MERCURY AIRCRAFT, INC.

FORMER DRESDEN, NY FACILITY

COMPARISON OF IRM TREATMENT SYSTEM EFFLUENT CONCENTRATIONS TO OUTFALL LIMITS

AUGUST 2008 SAMPLING EVENT

Parameter	Effluent Concentration[1]	Outfall Limit
Vinyl Chloride	<1	10
Trichlorofluoromethane	<1	20
1,1-Dichloroethene	<1	10
1,1-Dichloroethane	<1	30
trans-1,2-Dichloroethene	<1	10
cis-1,2-Dichloroethene	<1	10
1,1,1-Trichloroethane	<1	20
Trichloroethene	<1	10
Tetrachloroethene	<1	10
p H	-	-
Temperature	-	-
Flow	1105 gpd [2]	monitor

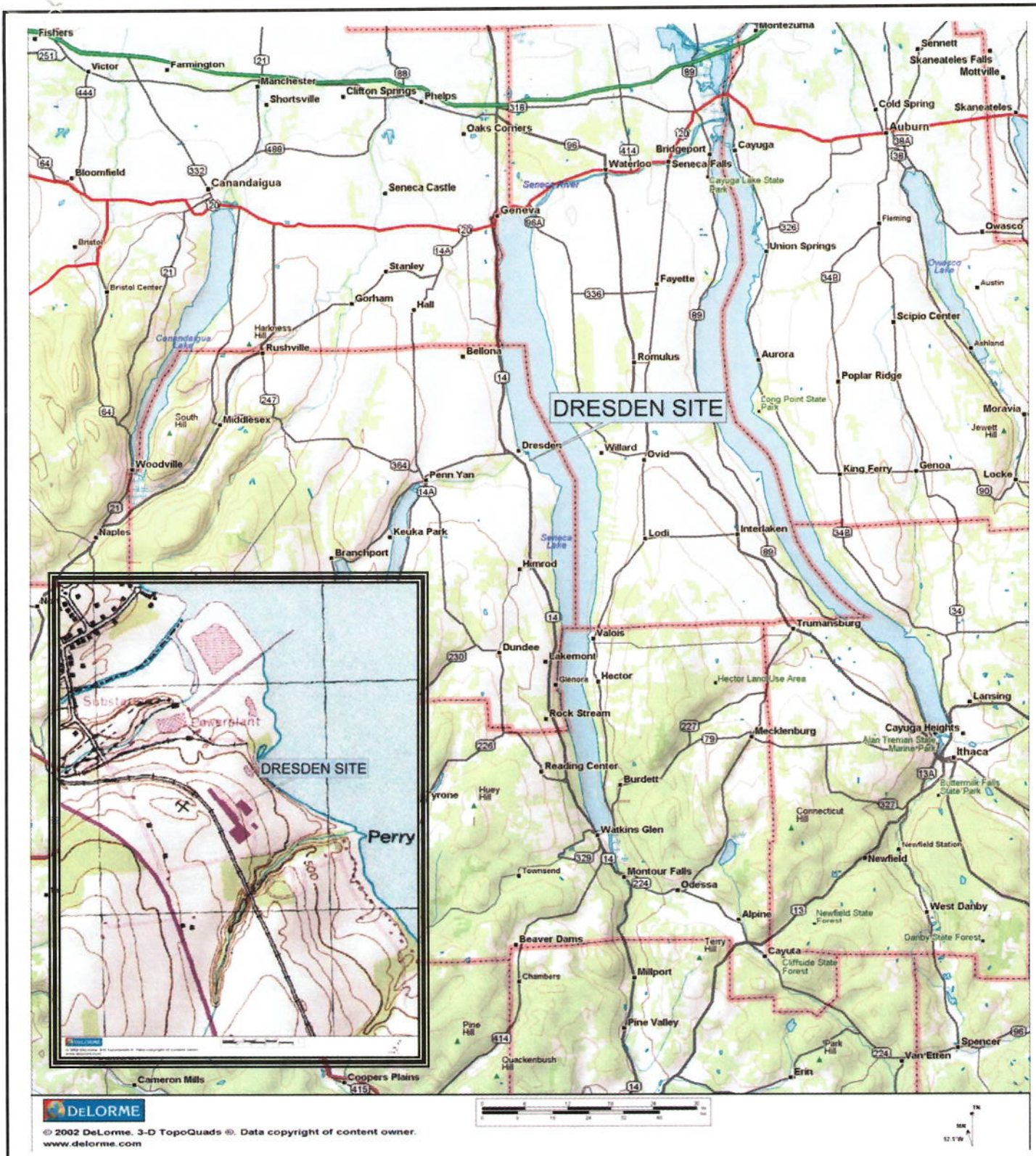
Notes:

1. Results are in micrograms per liter, unless otherwise noted

2. Represents average daily flow rate based on the volume of groundwater treated during this monthly monitoring period. As of 8/14/08, the total volume of groundwater treated since process start-up is 6,926,665 gallons.

FIGURES

FIGURE 1



BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
50 FOUNTAIN PLAZA
SUITE 1350
BUFFALO, NEW YORK 14202
(716) 856-0599

PROJECT NO.: 0001-003-200
DATE: FEBRUARY 2007
DRAFTED BY: BCH

SITE VICINITY AND LOCATION MAP

QUARTERLY GROUNDWATER MONITORING

FORMER MERCURY AIRCRAFT DRESDEN SITE
TORREY, NEW YORK

PREPARED FOR
MERCURY AIRCRAFT, INC.

DRAFTED BY: BCH

F:\CAD\Benchmark\Mercury Aircraft\DRESDEN\Post-Closure O&M Plan\Quarterly Groundwater Monitoring\2008\Figure 2; Site Plan.dwg

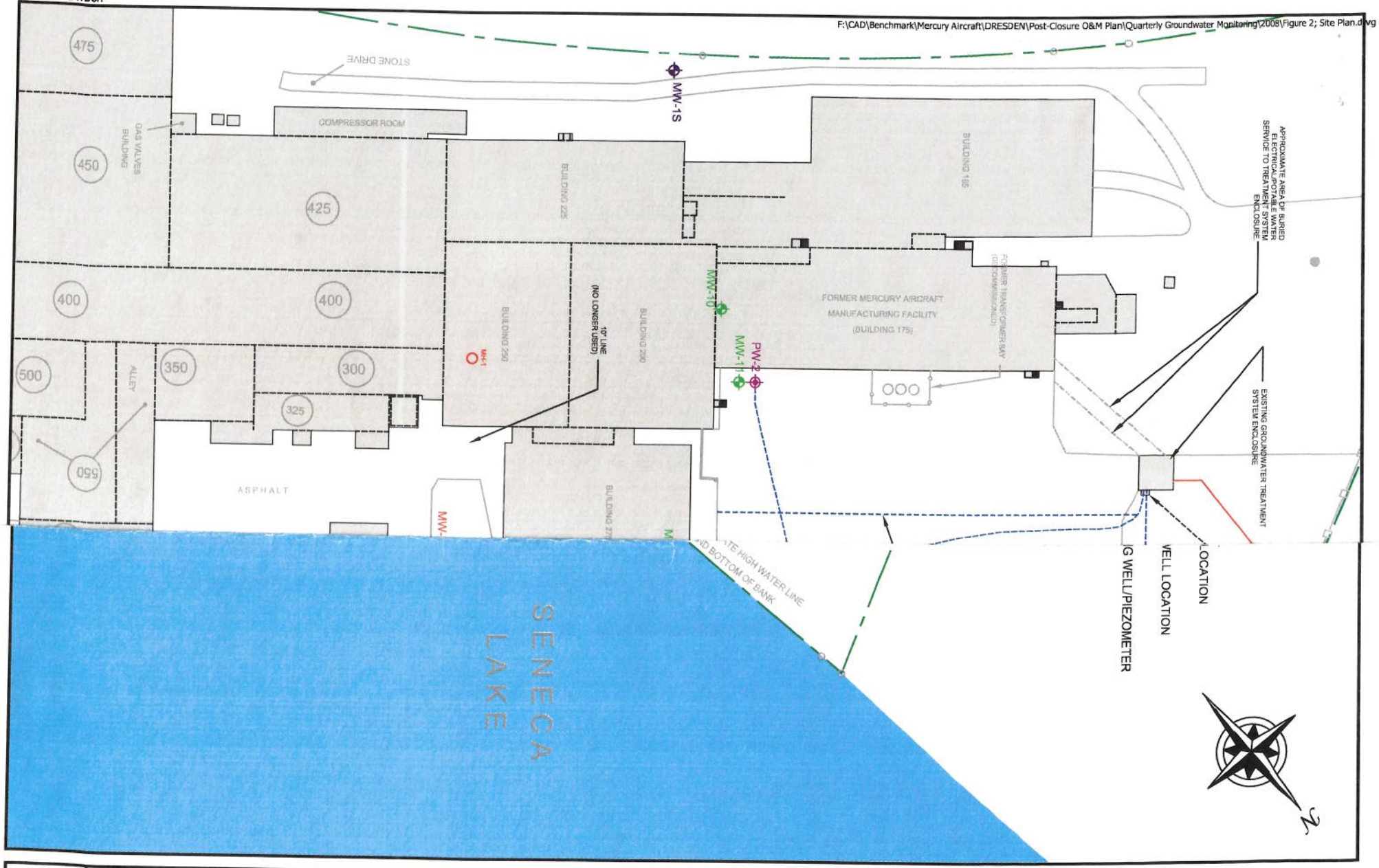


FIGURE 2

SITE PLAN

QUARTERLY GROUNDWATER MONITORING

FORMER DRESDEN FACILITY
TORREY, NEW YORK

PREPARED FOR
MERCURY AIRCRAFT, INC.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0599

JOB NO.: 0001-003-200

ATTACHMENT 1

LABORATORY ANALYTICAL DATA
AUGUST 2008

BENCHMARK

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

September 12, 2008

Mr. Tom Forbes
Benchmark Environmental Eng.
726 Exchange Street
Suite 624
Buffalo, NY 14210

PROJECT:DRESDEN
Submission #:R2845375

Dear Mr. Forbes

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice Jaeger
Project Chemist

Enc.

Report Contains a total of 35 pages

CASE NARRATIVE

Benchmark Environmental Engineering
Dresden
SUBMISSION #: R2845375

Benchmark samples were collected on 8/14/08 and received at CAS on 8/18/08 in good condition. However, the samples were received outside of acceptable range at 8 degrees C, as detailed on the enclosed Cooler Receipt and Preservation Check Form.

VOLATILE ORGANICS

Seventeen water samples and one Trip Blank were analyzed for a site specific list of Volatiles by method 8021B from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within acceptance limits with the following exceptions: The surrogate recovery for Bromochloromethane for samples MW-3S and MW-7 were outside of acceptable range high, and are flagged with a "*". The samples were reanalyzed, but produced similar results. A high bias for some target compounds is possible. The results of both analyses are reported. No further corrective action is required.

Site specific QC was requested for sample MW-6D. All Matrix Spike (MS) and Matrix Spike Duplicates (MSD) meet acceptance criteria. All Relative Percent Differences (RPD) between the MS/MSD meet acceptance criteria. All Reference Spike recoveries were within limits.

The Laboratory Blanks associated with these analyses was free of contamination.

All samples were analyzed within recommended holding times.

No other analytical or QC problems were encountered.

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

ORGANIC QUALIFIERS

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL. This flag is also used for DoD instead of "P" as indicated below.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 40% (25% for CLP) difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P" ("J" for DoD).

Q - for DoD only – indicates a pesticide/Aroclor target is not confirmed. This flag is used when there is ≥ 100% difference for the detected concentrations between the two GC columns.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

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

X - As specified in Case Narrative.

* - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania ID# 68-786
Rhode Island ID # 158
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/15/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-3S

Date Sampled : 08/14/08 15:05 **Order #:** 1127079 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166373

DATE ANALYZED : 08/27/08
ANALYTICAL DILUTION: 50.00

ANALYTE	PQL	RESULT	UNITS
BROMODICHLOROMETHANE	1.0	50 U	UG/L
BROMOFORM	1.0	50 U	UG/L
BROMOMETHANE	1.0	50 U	UG/L
CARBON TETRACHLORIDE	1.0	50 U	UG/L
CHLOROBENZENE	1.0	50 U	UG/L
CHLOROETHANE	1.0	530	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	100 U	UG/L
CHLOROFORM	1.0	50 U	UG/L
CHLOROMETHANE	1.0	50 U	UG/L
DIBROMOCHLOROMETHANE	1.0	50 U	UG/L
1,2-DICHLOROBENZENE	1.0	50 U	UG/L
1,3-DICHLOROBENZENE	1.0	50 U	UG/L
1,4-DICHLOROBENZENE	1.0	50 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	50 U	UG/L
1,1-DICHLOROETHANE	1.0	440	UG/L
1,2-DICHLOROETHANE	1.0	50 U	UG/L
1,1-DICHLOROETHENE	1.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	4600	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	50 U	UG/L
1,2-DICHLOROPROPANE	1.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	50 U	UG/L
FREON 113	1.0	50 U	UG/L
METHYLENE CHLORIDE	1.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	50 U	UG/L
TETRACHLOROETHENE	1.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	50 U	UG/L
TRICHLOROETHENE	1.0	50 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	50 U	UG/L
VINYL CHLORIDE	1.0	5900	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	115 *	%
CHLOROFLUOROBENZENE	(72 - 116 %)	87	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-3D

Date Sampled : 08/14/08 15:19 **Order #:** 1127081 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166373

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/27/08			
ANALYTICAL DILUTION: 2.50			
BROMODICHLOROMETHANE	1.0	2.5 U	UG/L
BROMOFORM	1.0	2.5 U	UG/L
BROMOMETHANE	1.0	2.5 U	UG/L
CARBON TETRACHLORIDE	1.0	2.5 U	UG/L
CHLOROBENZENE	1.0	2.5 U	UG/L
CHLOROETHANE	1.0	3.6	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	5.0 U	UG/L
CHLOROFORM	1.0	2.5 U	UG/L
CHLOROMETHANE	1.0	2.5 U	UG/L
DIBROMOCHLOROMETHANE	1.0	2.5 U	UG/L
1,2-DICHLOROBENZENE	1.0	2.5 U	UG/L
1,3-DICHLOROBENZENE	1.0	2.5 U	UG/L
1,4-DICHLOROBENZENE	1.0	2.5 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	2.5 U	UG/L
1,1-DICHLOROETHANE	1.0	36	UG/L
1,2-DICHLOROETHANE	1.0	2.5 U	UG/L
1,1-DICHLOROETHENE	1.0	2.5 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	250	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	2.5 U	UG/L
1,2-DICHLOROPROPANE	1.0	2.5 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	2.5 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	2.5 U	UG/L
FREON 113	1.0	2.5 U	UG/L
METHYLENE CHLORIDE	1.0	2.5 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	2.5 U	UG/L
TETRACHLOROETHENE	1.0	2.5 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	2.5 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	2.5 U	UG/L
TRICHLOROETHENE	1.0	4.4	UG/L
TRICHLOROFLUOROMETHANE	1.0	2.5 U	UG/L
VINYL CHLORIDE	1.0	140	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	114	%
CHLOROFLUOROBENZENE	(72 - 116 %)	90	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-5S

Date Sampled : 08/14/08 14:18 **Order #:** 1127083 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166217

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/26/08			
ANALYTICAL DILUTION: 2.00			
BROMODICHLOROMETHANE	1.0	2.0 U	UG/L
BROMOFORM	1.0	2.0 U	UG/L
BROMOMETHANE	1.0	2.0 U	UG/L
CARBON TETRACHLORIDE	1.0	2.0	UG/L
CHLOROBENZENE	1.0	2.0 U	UG/L
CHLOROETHANE	1.0	2.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	4.0 U	UG/L
CHLOROFORM	1.0	2.0 U	UG/L
CHLOROMETHANE	1.0	2.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	2.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	2.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	2.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	2.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	2.0 U	UG/L
1,1-DICHLOROETHANE	1.0	8.7	UG/L
1,2-DICHLOROETHANE	1.0	2.0 U	UG/L
1,1-DICHLOROETHENE	1.0	2.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	140	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	2.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	2.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	2.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	2.0 U	UG/L
FREON 113	1.0	2.0 U	UG/L
METHYLENE CHLORIDE	1.0	2.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	2.0 U	UG/L
TETRACHLOROETHENE	1.0	2.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	16	UG/L
1,1,2-TRICHLOROETHANE	1.0	2.0 U	UG/L
TRICHLOROETHENE	1.0	220	UG/L
TRICHLOROFLUOROMETHANE	1.0	2.0 U	UG/L
VINYL CHLORIDE	1.0	2.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	113	%
CHLOROFLUOROBENZENE	(72 - 116 %)	92	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-5D

Date Sampled : 08/14/08 14:38 **Order #:** 1127085 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166217

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/25/08			
ANALYTICAL DILUTION: 1.00			
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
FREON 113	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	107	%
CHLOROFLUOROBENZENE	(72 - 116 %)	89	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-6S

Date Sampled : 08/14/08 13:48 **Order #:** 1127087 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166217

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/26/08			
ANALYTICAL DILUTION: 20.00			
BROMODICHLOROMETHANE	1.0	20 U	UG/L
BROMOFORM	1.0	20 U	UG/L
BROMOMETHANE	1.0	20 U	UG/L
CARBON TETRACHLORIDE	1.0	20 U	UG/L
CHLOROBENZENE	1.0	20 U	UG/L
CHLOROETHANE	1.0	20 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	40 U	UG/L
CHLOROFORM	1.0	20 U	UG/L
CHLOROMETHANE	1.0	20 U	UG/L
DIBROMOCHLOROMETHANE	1.0	20 U	UG/L
1,2-DICHLOROBENZENE	1.0	20 U	UG/L
1,3-DICHLOROBENZENE	1.0	20 U	UG/L
1,4-DICHLOROBENZENE	1.0	20 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	20 U	UG/L
1,1-DICHLOROETHANE	1.0	20 U	UG/L
1,2-DICHLOROETHANE	1.0	20 U	UG/L
1,1-DICHLOROETHENE	1.0	20 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	20 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	20 U	UG/L
1,2-DICHLOROPROPANE	1.0	20 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	20 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	20 U	UG/L
FREON 113	1.0	20 U	UG/L
METHYLENE CHLORIDE	1.0	20 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	20 U	UG/L
TETRACHLOROETHENE	1.0	1800	UG/L
1,1,1-TRICHLOROETHANE	1.0	20 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	20 U	UG/L
TRICHLOROETHENE	1.0	22	UG/L
TRICHLOROFLUOROMETHANE	1.0	20 U	UG/L
VINYL CHLORIDE	1.0	20 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	109	%
CHLOROFLUOROBENZENE	(72 - 116 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-7

Date Sampled : 08/14/08 13:12 **Order #:** 1127090 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166373

DATE ANALYZED : 08/27/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	11	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	2.0 U	UG/L
CHLOROFORM	1.0	4.1	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	7.1	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.5	UG/L
CIS-1,2-DICHLOROETHENE	1.0	100	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
FREON 113	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.6	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	82	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	21	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	117 *	%
CHLOROFLUOROBENZENE	(72 - 116 %)	89	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-8

Date Sampled : 08/14/08 13:18 **Order #:** 1127092 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166217

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/25/08			
ANALYTICAL DILUTION: 1.00			
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
FREON 113	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	108	%
CHLOROFLUOROBENZENE	(72 - 116 %)	88	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : MW-10

Date Sampled : 08/14/08 16:11 **Order #:** 1127094 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166217

DATE ANALYZED : 08/26/08
ANALYTICAL DILUTION: 4000.00

ANALYTE	PQL	RESULT	UNITS
BROMODICHLOROMETHANE	1.0	4000 U	UG/L
BROMOFORM	1.0	4000 U	UG/L
BROMOMETHANE	1.0	4000 U	UG/L
CARBON TETRACHLORIDE	1.0	4000 U	UG/L
CHLOROBENZENE	1.0	4000 U	UG/L
CHLOROETHANE	1.0	4000 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	8000 U	UG/L
CHLOROFORM	1.0	4000 U	UG/L
CHLOROMETHANE	1.0	4000 U	UG/L
DIBROMOCHLOROMETHANE	1.0	4000 U	UG/L
1,2-DICHLOROBENZENE	1.0	4000 U	UG/L
1,3-DICHLOROBENZENE	1.0	4000 U	UG/L
1,4-DICHLOROBENZENE	1.0	4000 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	4000 U	UG/L
1,1-DICHLOROETHANE	1.0	6600	UG/L
1,2-DICHLOROETHANE	1.0	4000 U	UG/L
1,1-DICHLOROETHENE	1.0	4000 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	160000	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	4000 U	UG/L
1,2-DICHLOROPROPANE	1.0	4000 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	4000 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	4000 U	UG/L
FREON 113	1.0	4000 U	UG/L
METHYLENE CHLORIDE	1.0	4000 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	4000 U	UG/L
TETRACHLOROETHENE	1.0	4000 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	4300	UG/L
1,1,2-TRICHLOROETHANE	1.0	4000 U	UG/L
TRICHLOROETHENE	1.0	330000	UG/L
TRICHLOROFLUOROMETHANE	1.0	4000 U	UG/L
VINYL CHLORIDE	1.0	26000	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	114	%
CHLOROFLUOROBENZENE	(72 - 116 %)	91	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : NW-C

Date Sampled : 08/14/08 13:02 **Order #:** 1127098 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166342

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/26/08			
ANALYTICAL DILUTION: 1.00			
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	4.2	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
FREON 113	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	112	%
CHLOROFLUOROBENZENE	(72 - 116 %)	91	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Benchmark Environmental Eng.
Project Reference: DRESDEN
Client Sample ID : TRIP BLANK

Date Sampled : 08/14/08 **Order #:** 1127100 **Sample Matrix:** WATER
Date Received: 08/18/08 **Submission #:** R2845375 **Analytical Run** 166217

DATE ANALYZED : 08/25/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
FREON 113	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	107	%
CHLOROFLUOROBENZENE	(72 - 116 %)	88	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8021B

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1130152 ANALYTICAL RUN # : 166373

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 08/27/08			
ANALYTICAL DILUTION: 1.0			
BROMODICHLOROMETHANE	20.0	101	70 - 130
BROMOFORM	20.0	90	70 - 130
BROMOMETHANE	20.0	90	50 - 150
CARBON TETRACHLORIDE	20.0	92	70 - 130
CHLOROBENZENE	20.0	98	70 - 130
CHLOROETHANE	20.0	126	50 - 150
2-CHLOROETHYLVINYL ETHER	20.0	100	50 - 150
CHLOROFORM	20.0	100	70 - 130
CHLOROMETHANE	20.0	98	50 - 150
DIBROMOCHLOROMETHANE	20.0	101	70 - 130
1,2-DICHLOROBENZENE	20.0	72	70 - 130
1,3-DICHLOROBENZENE	20.0	74	70 - 130
1,4-DICHLOROBENZENE	20.0	70	70 - 130
DICHLORODIFLUOROMETHANE	20.0	73	50 - 150
1,1-DICHLOROETHANE	20.0	98	70 - 130
1,2-DICHLOROETHANE	20.0	103	70 - 130
1,1-DICHLOROETHENE	20.0	89	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	101	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	99	70 - 130
1,2-DICHLOROPROPANE	20.0	106	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	102	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	102	70 - 130
FREON 113	20.0	90	70 - 130
METHYLENE CHLORIDE	20.0	107	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	96	70 - 130
TETRACHLOROETHENE	20.0	97	70 - 130
1,1,1-TRICHLOROETHANE	20.0	97	70 - 130
1,1,2-TRICHLOROETHANE	20.0	104	70 - 130
TRICHLOROETHENE	20.0	99	70 - 130
TRICHLOROFLUOROMETHANE	20.0	89	50 - 150
VINYL CHLORIDE	20.0	95	50 - 150

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B
Reported: 09/12/08

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :
Date Received:
Order #: 1129963
Submission #:
Sample Matrix: WATER
Analytical Run 166342

DATE ANALYZED : 08/26/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	1.0	1.0 U	UG/L
2-CHLOROETHYLVINYL ETHER	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
FREON 113	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
BROMOCHLOROMETHANE	(70 - 114 %)	112	%
CHLOROFLUOROBENZENE	(72 - 116 %)	91	%

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 2

SR #

CAS Contact

Project Name: Dresden	Project Number:
Project Manager: T. Forbes - Benchmark	Report CC:
Company/Address: Benchmark 726 Exchange St Ste 624 Buffalo NY 14210	
Phone #: 716 856-0599	FAX#:
Sampler's Signature:	Sampler's Printed Name: N. Manley

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
MW-3S		8/8/08	1505	Aq	3			X					
MW-3I			1511		3			X					
MW-3D			1519		3			X					
MW-3D2			1528		3			X					
MW-5S			1418		3			X					
MW-5I			1425		3			X					
MW-5D			1438		3			X					
MW-5D2			1408		3			X					
MW-6S			1348		3			X					
MW-6D/MS+MSD			1335		7			X					

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals
- 2 vials for MS/MSD each

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature: J. Smith	Signature: J. Smith	Signature: Shelly Rusch	Signature:	Signature:
Printed Name: N. Manley	Printed Name: N. Smith	Printed Name: N. Smith	Printed Name: Shelly Rusch	Printed Name:	Printed Name:
Firm: Benchmark	Firm: CAS	Firm: CAS	Firm: CAS	Firm:	Firm:
Date/Time: 8/8/08 1530	Date/Time: 8/15/08 1130	Date/Time: 8/15/08 1340	Date/Time: 8/15/08 1340	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

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SR #

CAS Contact

Project Name: Dresden	Project Number
Project Manager: T. Forbes - Benchmarke	Report CC
Company/Address: Benchmark 726 Exchange St Ste 624 Buffalo NY 14210	
Phone #: 716 856-0599	FAX#
Sampler's Signature:	Sampler's Printed Name: N. Munley

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	GC/MS VOA's ☐8260 ☐624 ☐CLP	GC/MS SVOA's ☐8270 ☐625 ☐CLP	GC VOA's ☐8021 ☐601/602	PESTICIDES ☐8081 ☐608 ☐CLP	PCB's ☐8082 ☐608 ☐CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
MW-7		5/14/08	1312	Aq	3				X					
MW-8			1318		3				X					
MW-9			1248		3				X					
MW-10			1611		3				X					
MW-11			1547		3				X					
MW-C			1302		3				X					
Blind Dup			—		3				X					
Trip Blank														

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature J. Britt	Signature J. Britt	Signature Holly Britt	Signature	Signature
Printed Name N. Munley	Printed Name J. Britt	Printed Name CAS	Printed Name Holly Britt	Printed Name	Printed Name
Firm Benchmarke	Firm CAS	Firm CAS	Firm CAS	Firm	Firm
Date/Time 15 May 2008 10:30	Date/Time 5/15/08 11:30	Date/Time 5/15/08 1340	Date/Time 5/15/08 1340	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client Benchmark Submission Number R28/5375.

Cooler received on 8/18/08 by: P COURIER: CAS UPS FEDEX VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	YES	~~NO~~			
2.	Were custody papers properly filled out (ink, signed, etc.)?	YES	NO			
3.	Did all bottles arrive in good condition (unbroken)?	YES	NO			
4.	Did any VOA vials have significant* air bubbles?	~~YES~~	NO	N/A		
5.	Were **Ice** or **Ice packs** present?	YES	NO			
6.	Where did the bottles originate?	~~CAS/ROC~~,	CLIENT			
7.	Temperature of cooler(s) upon receipt:	8°				
	Is the temperature within 0° - 6° C?:	Yes	Yes	Yes	Yes	Yes
	If No, Explain Below	~~No~~	No	No	No	No

Date/Time Temperatures Taken: 8/18/08 1350

Thermometer ID: 161 / IR GUN#2 / IR GUN#3 Reading From: Temp Blank / ~~Sample Bottle~~

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: MM 8/18/08

Cooler Breakdown: Date: 8/18/08 by: P

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		~~N/A~~

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	ESDA11	07/09				

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 8-1116-003

Other Comments:

*Blind Dup, MW-5D 1 vial w/ significant air bubbles
MW-5D2, NW-C

PC Secondary Review: MM 9/11/08 *significant air bubbles are greater than 5-6 mm

Adirondack Environmental Services Inc

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

August 25, 2008

Thomas Forbes
Benchmark EES
726 Exchange Street
Suite 624
Buffalo, NY 14210

TEL: (716) 856-0599
FAX: (716) 856-0583

Work Order No: 080819011

RE: Mercury Aircraft
Dresden

Dear Thomas Forbes:

Adirondack Environmental Services, Inc received 3 samples on 8/19/2008 for the analyses presented in the following report.

These samples were received outside the acceptable temperature range of 2-6 °C

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

ELAP#: 10709
AIHA#: 100307

Sincerely,

Christopher Hess
QA Manager

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc.
314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order #: 0202 Null

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Client Name:	Address:	
Send Report To:	Project Name (Location)	Samplers: (Names)
Client Phone No:	Client Fax No:	PO Number:	Samplers: (Signature)

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
01	Process Out-2			A P					
				A P					
02	PW-1			A P					
03	PW-2			A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Shipment Arrived Via: FedEx UPS Client AES Other:_____

CC Report To / Special Instructions/Remarks:

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☑ Normal
☐ 2 Day ☐ 5 Day

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled 4°C	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by credit card are subject to a 3% additional charge.