BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

October 1, 2007

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
Second Quarter Groundwater Monitoring Event Report –July 2007

Dear Mr. Craft:

On behalf of our client, Mercury Aircraft, Inc., Benchmark Environmental Engineering & Science, PLLC, has prepared this letter report to transmit the results of post-remedial groundwater monitoring event (Second Quarter July 2007) at Mercury Aircraft's former Dresden, NY facility (see Figure 1). Per the approved work plan, full reporting will be on an annual basis, with transmission of associated data and summary tables for each quarterly round.

FIELD SAMPLING PROCEDURE

Groundwater monitoring included a round of static water level measurements in 27 monitoring and observation wells and piezometers across the study area (see Table 1). Subsequent to collecting water levels, monitoring wells were sampled using standard low-flow sampling techniques. Fifteen 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, and MW11. Monitoring well MW-9 could not be sampled during this round due to inaccessibility (the well was covered by large storage containers owned by Ferro Corp.).

Benchmark staff scientists purged and sampled each monitoring well using a non-dedicated Grundfos® submersible pump and dedicated pump tubing following low-flow purge and sample collection procedures. Prior to sample collection, groundwater was evacuated from each well at a low-flow rate (approximately 0.1 L/min or less) and field measurements for pH, specific conductance, temperature, turbidity, visual and olfactory observations and water level were periodically recorded and monitored for stabilization. The non-dedicated Grundfos® submersible pump was decontaminated with a non-phosphate detergent and potable-quality water wash, rinsed with laboratory provided analyte-free water and air-dried prior to use at each subsequent monitoring well.

DATA QUALITY

Site-specific quality control sampling included one blind duplicate sample and one matrix spike/matrix spike duplicate sample. Trip blanks were also included on each day that samples for volatile organic compound (VOC) analysis were submitted to the laboratory.

In general, internal laboratory quality control samples and site-specific QC samples indicate satisfactory analytical accuracy and precision. Recovery was within the acceptable range (80% - 120%) with good reproducibility, with the exception of the trichloroethene which fell slightly below the low limit of 80% in the matrix spike and matrix spike duplicate. However, based on the comparable nature of the concentrations of TCE from the subject monitoring event to past quarterly sampling events, the data are considered reliable.

ANALYTICAL RESULTS

Each sample was submitted for analysis of Target Compound List Volatile Organic Compounds (TCL VOCs) per USEPA method 8260B by Adirondack Environmental Services, Inc. (see Attachment 1). Detected compounds are summarized on Table 2 with their associated concentration and comparison to NYSDEC Class "GA" Groundwater Quality Standard (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 spill source area and collection trench. Also, MW-8, located cross gradient of the former spill source area, yielded no detectable VOCs with the exception of Methylene Chloride at a trace concentration of 3.0 ug/L, which was below the Class "GA" water quality standard of 5ug/L. Methylene Chloride is a common laboratory containment, and was detected in the associated method blank.

FUTURE MONITORING

Per our recent discussions the next quarterly monitoring event will be performed using passive diffusion bags in lieu of low flow sampling. Benchmark's field operating procedure for passive diffusion bag sampling is presented in Attachment 2. All wells will be sampled via this method with the deeper nested monitoring wells (NW-A, B, D, E & F) sampled on an annual basis. Per NYSDEC's request, monitoring well NW-C will be sampled quarterly.

Please feel free to contact me with any questions.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC

Thomas H. Forbes, P.E.
Project Manager

Attachment

C: B. Meade (Mercury Aircraft)
G. Hintz (Mercury Aircraft)
R. Smith (Mercury Aircraft)
L. Senglaub (Harter, Secrest & Emery)

File: 0001-003-200

TABLES

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TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS
24-Jul-07

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

Monitoring Location	Network Monitoring Well	TOR Elevation (fmsl)	DTW (fbTOR)	Groundwater Elevation (fmsl)
PW-1		530.02		530.02
PW-2		536.18		536.18
OW-1		532.42	20.50	511.92
OW-2		532.00	20.83	511.17
OW-3		529.52	NM	NA
MW-1S		547.08	8.41	538.67
MW-3S	x	532.57	19.22	513.35
MW-3I	x	533.01	22.48	510.53
MW-3D	x	532.58	25.17	507.41
MW-3D2	x	532.70	35.29	497.41
MW-4S		532.81	18.66	514.15
MW-4I		532.44	26.87	505.57
MW-5S	x	525.85	8.41	517.44
MW-5I	x	525.61	16.12	509.49
MW-5D	x	524.37	26.29	498.08
MW-5D2	x	524.35	40.56	483.79
MW-6S	x	522.65	5.65	517.00
MW-6D	x	521.84	38.01	483.83
MW-7	x	516.73	9.97	506.76
MW-8	x	520.30	9.98	510.32
MW-9	x	519.84	NM	NA
MW-10	x	540.05	8.08	531.97
MW-11	x	536.91	67.21	469.70
NW-A [3]	x	503.40	14.48	488.92
NW-B [3]	x	503.41	41.65	461.76
NW-C [3]	x	503.32	47.21	456.11
NW-D [3]	x	502.95	46.70	456.25
NW-E [3]	x	502.88	44.30	458.58
NW-F [3]	x	502.89	33.50	469.39

Notes:
1. DTW = depth to water
2. NM = water level not meaured at this location.
3. Sampled Annually
4. To be sampled quarterly beginning in October 2007.

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TABLE 2

ANALYTICAL DATA SUMMARY
JULY 24 TO 25, 2007

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

PARAMETER	MW-3S	MW-3I	MW-3D	MW-3D2 [3]	MW-5S	MW-5I	MW-5D [4]	MW-5D2	MW-6S	MW-6D	MW-7	MW-8	MW-9	MW-10	MW-11	GWQS [2]
Volatile Organic Compounds (ug/L):																
1,1,1-Trichloroethane	ND	ND	ND	**83**	**26**	ND	ND	ND	ND	ND	ND	ND	-	ND	**2600**	5
1,1-Dichloroethane	**510**	**35**	**32**	**140**	**5.5**	ND	ND	ND	ND	ND	**4.6**	ND	-	ND	**3000**	5
Chloroethane	**480**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	-	ND	ND	7
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.8**	ND	-	ND	ND	5
cis-1,2-Dichloroethene	**4000**	**91**	**200**	**370**	**88**	ND	ND	ND	ND	ND	**31**	ND	-	**140000**	**15000**	5
Methylene Chloride	ND	ND	**6.1**	ND	ND	ND	ND	ND	**290**	ND	**4.6**	3 B	-	**43000 S**	**1300**	5
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	**1500**	ND	ND	ND	-	ND	ND	5
Trichloroethene	ND	**15**	**8.7**	**23**	**140**	ND	ND	ND	ND	ND	**44**	ND	-	**240000**	ND	5
Vinyl Chloride	**4800**	**110**	**24**	**200**	ND	ND	ND	ND	ND	ND	**9.1**	ND	-	**14000**	**2200**	2
Field Measurements																
pH (units)	6.84	7.33	7.23	6.94	7.33	8.25	7.96	**9.12**	7.60	**9.19**	7.18	6.98	-	6.16	7,72	6.5 - 8.5
Temperature (°C)	22.5	21.3	21.2	19.0	22.8	21.6	24.7	22.7	20.8	20.8	16.2	15.4	-	21.6	22.7	NA
Sp. Conductance (mS)	1093	909	1129	4713	925	910	988	1553	1013	1363	2029	1528	-	4084	3175	NA
Turbidity (NTU)	**55**	**209**	**49.3**	**331**	**292**	**>100**	**751**	**335**	**615**	**159**	**37.8**	**31**	-	**25.4**	**21.9**	5
Eh (mV)	-100	-90	+39	-131	+100	-50	+17	-78	+7	+2	+27	-33	-	+29	-223	NA

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-3D2.
4. Blind Duplicate sample collected from MW-5D
5. "ND" indicates parameter was not detected above laboratory reporting limit and is reported herein as not detected (ND).
6. NA = Not available
7. MW-9 was unaccessable due to surface obstruction due to surface obstruction.
8. S = Spike recovery outside accepted recovery limits.
9. B = Analyte detected in the associated Method Blank.

BOLD - exceeds GWQS value

FIGURES

F:\CAD\Benchmark\Mercury Aircraft\DRESDEN\Post-Closure O&M Plan\Quarterly GWM\2007\2Q 2007\Figure 1; Site Plan.dwg

DATE: JULY 2007
DRAFTED BY: BCH

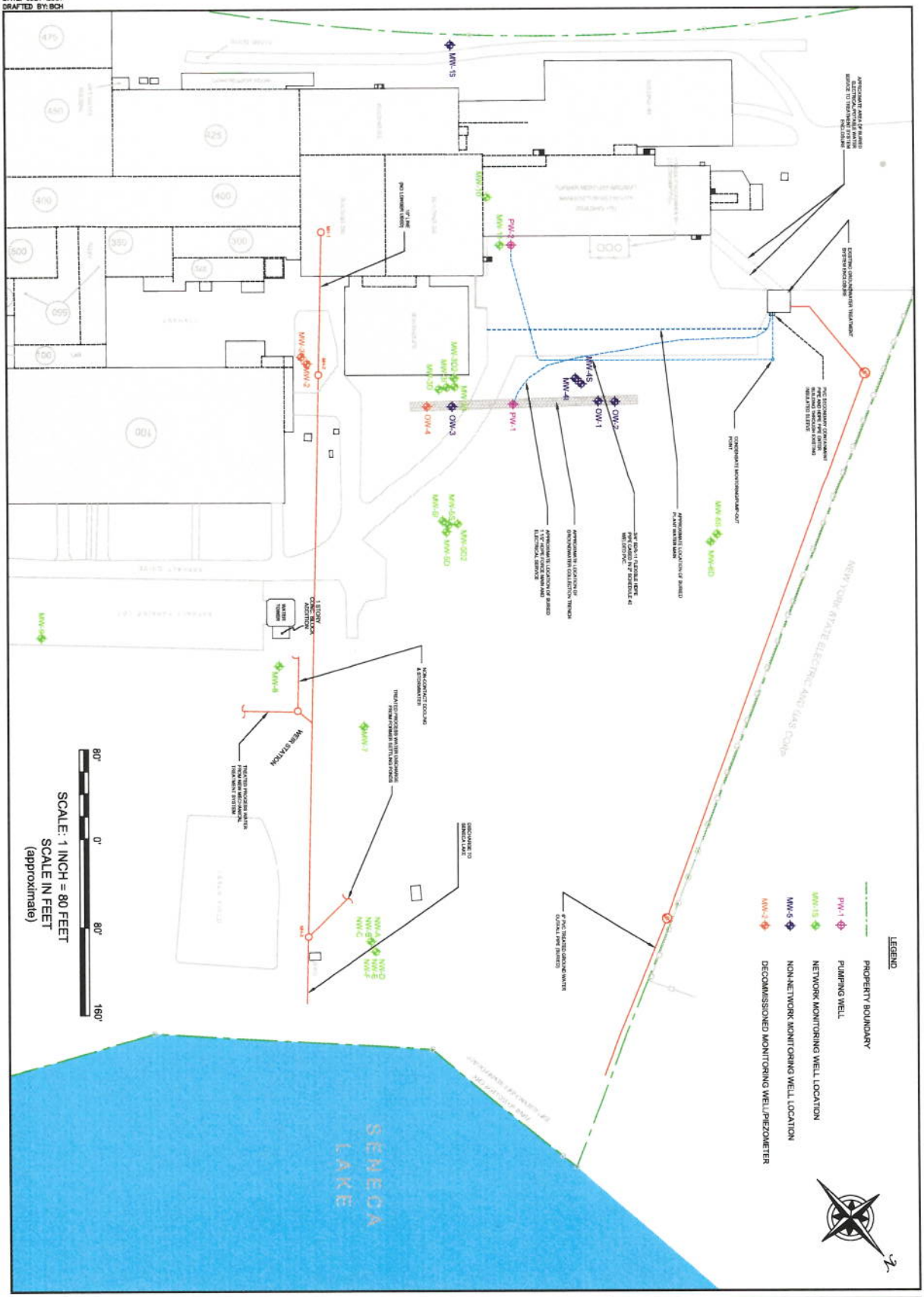

FIGURE 1

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

ADIRONDACK ENVIRONMENTAL SERVICES, INC.
SAMPLE DATA SUMMARY PACKAGE
JULY 2007

BENCHMARK

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 07, 2007

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

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

Work Order No: 070731024

RE: Mercury Aircraft
Mercury-Dresden

Dear Thomas Forbes:

Adirondack Environmental Services, Inc received 15 samples on 7/31/2007 for the analyses presented in the following report.

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.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-3S
Work Order:	070731024	**Collection Date:**	7/26/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-001
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 100	100	S	µg/L	100	8/3/2007 11:07:25 PM
Chloromethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Vinyl chloride	4800	100		µg/L	100	8/3/2007 11:07:25 PM
Bromomethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Chloroethane	480	100		µg/L	100	8/3/2007 11:07:25 PM
Trichlorofluoromethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,1-Dichloroethene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Methylene chloride	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
trans-1,2-Dichloroethene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,1-Dichloroethane	510	100		µg/L	100	8/3/2007 11:07:25 PM
cis-1,2-Dichloroethene	4000	100		µg/L	100	8/3/2007 11:07:25 PM
Chloroform	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,1,1-Trichloroethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Carbon tetrachloride	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,2-Dichloroethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Trichloroethene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,2-Dichloropropane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Bromodichloromethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
cis-1,3-Dichloropropene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
trans-1,3-Dichloropropene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,1,2-Trichloroethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Tetrachloroethene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Dibromochloromethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Chlorobenzene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
Bromoform	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,1,2,2-Tetrachloroethane	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,3-Dichlorobenzene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,4-Dichlorobenzene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM
1,2-Dichlorobenzene	< 100	100		µg/L	100	8/3/2007 11:07:25 PM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-3I
Work Order:	070731024	**Collection Date:**	7/26/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-002
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 5.0	5.0	S	µg/L	5	8/3/2007 8:03:57 PM
Chloromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Vinyl chloride	110	5.0		µg/L	5	8/3/2007 8:03:57 PM
Bromomethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Chloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Methylene chloride	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,1-Dichloroethane	35	5.0		µg/L	5	8/3/2007 8:03:57 PM
cis-1,2-Dichloroethene	91	5.0		µg/L	5	8/3/2007 8:03:57 PM
Chloroform	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Trichloroethene	15	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Bromodichloromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Tetrachloroethene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Dibromochloromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Chlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
Bromoform	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:03:57 PM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-3D
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-003
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Chloromethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Vinyl chloride	24	5.0		µg/L	5	8/3/2007 7:46:18 AM
Bromomethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Chloroethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Methylene chloride	6.1	5.0		µg/L	5	8/3/2007 7:46:18 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,1-Dichloroethane	32	5.0		µg/L	5	8/3/2007 7:46:18 AM
cis-1,2-Dichloroethene	200	5.0		µg/L	5	8/3/2007 7:46:18 AM
Chloroform	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Trichloroethene	8.7	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Bromodichloromethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Tetrachloroethene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Dibromochloromethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Chlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
Bromoform	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 7:46:18 AM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-3D2
Work Order:	070731024	**Collection Date:**	7/26/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-004
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 10	10	S	µg/L	10	8/3/2007 9:04:06 PM
Chloromethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Vinyl chloride	200	10		µg/L	10	8/3/2007 9:04:06 PM
Bromomethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Chloroethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Trichlorofluoromethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,1-Dichloroethene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Methylene chloride	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
trans-1,2-Dichloroethene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,1-Dichloroethane	140	10		µg/L	10	8/3/2007 9:04:06 PM
cis-1,2-Dichloroethene	370	10		µg/L	10	8/3/2007 9:04:06 PM
Chloroform	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,1,1-Trichloroethane	83	10		µg/L	10	8/3/2007 9:04:06 PM
Carbon tetrachloride	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,2-Dichloroethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Trichloroethene	23	10		µg/L	10	8/3/2007 9:04:06 PM
1,2-Dichloropropane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Bromodichloromethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
cis-1,3-Dichloropropene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
trans-1,3-Dichloropropene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,1,2-Trichloroethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Tetrachloroethene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Dibromochloromethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Chlorobenzene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
Bromoform	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,1,2,2-Tetrachloroethane	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,3-Dichlorobenzene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,4-Dichlorobenzene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM
1,2-Dichlorobenzene	< 10	10		µg/L	10	8/3/2007 9:04:06 PM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-5S
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-005
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Chloromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Vinyl chloride	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Bromomethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Chloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Methylene chloride	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,1-Dichloroethane	5.5	5.0		µg/L	5	8/3/2007 8:44:10 AM
cis-1,2-Dichloroethene	88	5.0		µg/L	5	8/3/2007 8:44:10 AM
Chloroform	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,1,1-Trichloroethane	26	5.0		µg/L	5	8/3/2007 8:44:10 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Trichloroethene	140	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Bromodichloromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Tetrachloroethene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Dibromochloromethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Chlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
Bromoform	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	5	8/3/2007 8:44:10 AM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-5I
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-006
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: RC
Dichlorodifluoromethane	< 1.0	1.0	S	µg/L	1	8/3/2007 3:19:02 PM
Chloromethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Bromomethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Chloroethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Methylene chloride	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Chloroform	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Trichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
Bromoform	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 3:19:02 PM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-5D
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-007
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 1.0	1.0	S	µg/L	1	8/3/2007 4:52:07 PM
Chloromethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Bromomethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Chloroethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Methylene chloride	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Chloroform	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Trichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
Bromoform	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 4:52:07 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-5D2
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-008
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 1.0	1.0	S	µg/L	1	8/3/2007 6:00:16 PM
Chloromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Bromomethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Chloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Methylene chloride	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Chloroform	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Trichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
Bromoform	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:00:16 PM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-6S
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-009
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 100	100	S	µg/L	100	8/3/2007 12:50:35 AM
Chloromethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Vinyl chloride	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Bromomethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Chloroethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Trichlorofluoromethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,1-Dichloroethene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Methylene chloride	290	100		µg/L	100	8/3/2007 12:50:35 AM
trans-1,2-Dichloroethene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,1-Dichloroethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
cis-1,2-Dichloroethene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Chloroform	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,1,1-Trichloroethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Carbon tetrachloride	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,2-Dichloroethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Trichloroethene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,2-Dichloropropane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Bromodichloromethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
cis-1,3-Dichloropropene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
trans-1,3-Dichloropropene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,1,2-Trichloroethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Tetrachloroethene	1500	100		µg/L	100	8/3/2007 12:50:35 AM
Dibromochloromethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Chlorobenzene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
Bromoform	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,1,2,2-Tetrachloroethane	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,3-Dichlorobenzene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,4-Dichlorobenzene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM
1,2-Dichlorobenzene	< 100	100		µg/L	100	8/3/2007 12:50:35 AM

Qualifiers:

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

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-6D
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-010
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 1.0	1.0	S	µg/L	1	8/3/2007 7:03:07 PM
Chloromethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Bromomethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Chloroethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Methylene chloride	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Chloroform	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Trichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
Bromoform	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 7:03:07 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-7
Work Order:	070731024	**Collection Date:**	7/24/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-011
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: RC
1,1,1-Trichloroethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,1,2,2-Tetrachloroethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,1,2-Trichloroethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,1-Dichloroethane	4.6	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,1-Dichloroethene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,2-Dichlorobenzene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,2-Dichloroethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,2-Dichloropropane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,3-Dichlorobenzene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
1,4-Dichlorobenzene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Bromodichloromethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Bromoform	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Bromomethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Carbon tetrachloride	7.8	2.0		µg/L	2	8/3/2007 5:50:08 AM
Chlorobenzene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Chloroethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Chloroform	2.4	2.0		µg/L	2	8/3/2007 5:50:08 AM
Chloromethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
cis-1,2-Dichloroethene	31	2.0		µg/L	2	8/3/2007 5:50:08 AM
cis-1,3-Dichloropropene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Dibromochloromethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Dichlorodifluoromethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Methylene chloride	4.6	2.0		µg/L	2	8/3/2007 5:50:08 AM
Tetrachloroethene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
trans-1,2-Dichloroethene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
trans-1,3-Dichloropropene	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Trichloroethene	44	2.0		µg/L	2	8/3/2007 5:50:08 AM
Trichlorofluoromethane	< 2.0	2.0		µg/L	2	8/3/2007 5:50:08 AM
Vinyl chloride	9.1	2.0		µg/L	2	8/3/2007 5:50:08 AM

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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-8
Work Order:	070731024	**Collection Date:**	7/24/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-012
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Chloromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Vinyl chloride	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Bromomethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Chloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Methylene chloride	3.0	1.0	B	µg/L	1	8/3/2007 6:48:26 AM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Chloroform	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Trichloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Bromodichloromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Tetrachloroethene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Dibromochloromethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Chlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
Bromoform	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/3/2007 6:48:26 AM

Qualifiers:

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- R - RPD outside accepted recovery limits
- T - Tentitively Identified Compound-Estimated Conc.
- E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-10
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-013
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: RC
Dichlorodifluoromethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Chloromethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Vinyl chloride	14000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Bromomethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Chloroethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Trichlorofluoromethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,1-Dichloroethene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Methylene chloride	43000	10000	S	µg/L	10000	8/3/2007 2:51:47 AM
trans-1,2-Dichloroethene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,1-Dichloroethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
cis-1,2-Dichloroethene	140000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Chloroform	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,1,1-Trichloroethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Carbon tetrachloride	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,2-Dichloroethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Trichloroethene	240000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,2-Dichloropropane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Bromodichloromethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
cis-1,3-Dichloropropene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
trans-1,3-Dichloropropene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,1,2-Trichloroethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Tetrachloroethene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Dibromochloromethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Chlorobenzene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
Bromoform	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,1,2,2-Tetrachloroethane	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,3-Dichlorobenzene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,4-Dichlorobenzene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM
1,2-Dichlorobenzene	< 10000	10000		µg/L	10000	8/3/2007 2:51:47 AM

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- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- T - Tentitively Identified Compound-Estimated Conc.
- E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	MW-11
Work Order:	070731024	**Collection Date:**	7/25/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-014
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: **RC**
Dichlorodifluoromethane	< 1000	1000	S	µg/L	1000	8/3/2007 1:51:11 AM
Chloromethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Vinyl chloride	2200	1000		µg/L	1000	8/3/2007 1:51:11 AM
Bromomethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Chloroethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Trichlorofluoromethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,1-Dichloroethene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Methylene chloride	1300	1000		µg/L	1000	8/3/2007 1:51:11 AM
trans-1,2-Dichloroethene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,1-Dichloroethane	3000	1000		µg/L	1000	8/3/2007 1:51:11 AM
cis-1,2-Dichloroethene	15000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Chloroform	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,1,1-Trichloroethane	2600	1000		µg/L	1000	8/3/2007 1:51:11 AM
Carbon tetrachloride	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,2-Dichloroethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Trichloroethene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,2-Dichloropropane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Bromodichloromethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
cis-1,3-Dichloropropene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
trans-1,3-Dichloropropene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,1,2-Trichloroethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Tetrachloroethene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Dibromochloromethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Chlorobenzene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
Bromoform	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,1,2,2-Tetrachloroethane	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,3-Dichlorobenzene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,4-Dichlorobenzene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM
1,2-Dichlorobenzene	< 1000	1000		µg/L	1000	8/3/2007 1:51:11 AM

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B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *07-Aug-07*

CLIENT:	Benchmark EES	**Client Sample ID:**	Blind Duplicate
Work Order:	070731024	**Collection Date:**	7/26/2007
Reference:	Mercury Aircraft / Mercury-Dresden	**Lab Sample ID:**	070731024-015
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE HALOCARBONS E601						Analyst: RC
Dichlorodifluoromethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Chloromethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Vinyl chloride	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Bromomethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Chloroethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Trichlorofluoromethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,1-Dichloroethene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Methylene chloride	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
trans-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,1-Dichloroethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
cis-1,2-Dichloroethene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Chloroform	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,1,1-Trichloroethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Carbon tetrachloride	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,2-Dichloroethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Trichloroethene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,2-Dichloropropane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Bromodichloromethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
cis-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
trans-1,3-Dichloropropene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,1,2-Trichloroethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Tetrachloroethene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Dibromochloromethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Chlorobenzene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
Bromoform	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,3-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,4-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM
1,2-Dichlorobenzene	< 1.0	1.0		µg/L	1	8/6/2007 3:22:48 PM

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314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order #

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

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
001				A P					
002				A P					
003				A P					
004				A P					
005				A P					
006				A P					
007				A P					
008				A P					
009				A P					
010				A P					
011				A P					
012				A P					
013				A P					
014				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	Y N	Y N
Notes:	Notes:	Notes:

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

Adirondack Environmental Services, Inc.

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

CHAIN OF CUSTODY RECORD

Experience is the solution

A full service analytical research laboratory offering solutions to environmental concerns

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
005	Blank Duplicate		A/P				2	
004	MS (matrix)		A/P				2	
	MSD (matrix)		A/P	W			2	
006	Trip Blank		A/P	W			1	
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

AES Work Order #: 040731024

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	Y N	Y N
Notes:	Notes:	Notes:

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

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TERMS, CONDITIONS & LIMITATIONS

All Services rendered by **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 as 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.

CLIENT: Benchmark EES
Work Order: 070731024
Project: Mercury Aircraft

ANALYTICAL QC SUMMARY REPORT

BatchID: R45961

ms | SeqNo: 538308 | TestNo: E601 | RunNo: 45961
Samp ID 070731024-004a (MW-3D2) | Units: µg/L | Analysis Date: 8/4/2007

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	194.2	10	200	1.994	96.1	80	120	0	0		
Chlorobenzene	231.7	10	200	0	116	80	120	0	0		
Trichloroethene	174.8	10	200	23	75.9	80	120	0	0		S
Surr: 4-Bromofluorobenzene - Hall	202.6	0	200	0	101	80	120	0	0		

msd | SeqNo: 538309 | TestNo: E601 | RunNo: 45961
Samp ID 070731024-004a (MW-3D2) | Units: µg/L | Analysis Date: 8/4/2007

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	195.7	10	200	1.994	96.8	80	120	194.2	0.761	20	
Chlorobenzene	235.7	10	200	0	118	80	120	231.7	1.70	20	
Trichloroethene	171.2	10	200	23	74.1	80	120	174.8	2.12	20	S
Surr: 4-Bromofluorobenzene - Hall	207.3	0	200	0	104	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

ATTACHMENT 2

PASSIVE DIFFUSION BAG
FIELD OPERATING PROCEDURE

FOP 081.0

GROUNDWATER SAMPLE COLLECTION PROCEDURES FOR PASSIVE DIFFUSION BAG SAMPLERS

PURPOSE

This procedure describes the methods for collecting volatile organic compound (VOC) groundwater samples from monitoring wells and domestic supply wells using passive diffusion bag samplers (PDBs). The PDB sampler is a semi-permeable low-density polyethylene membrane designed to allow VOCs to flow into the bag until equilibrium is maintained between the VOCs in the formation and in the PDB.

PROCEDURE

STORAGE & HANDLING INFORMATION

The bags will be pre-filled by an NYSDOH-ELAP Certified laboratory with 220 mL of certified laboratory grade (analyte free & deionized) water. Keep bags stored in the shipping pouch, in a dry clean volatile free area to prevent accidental contamination. Do not keep bags in the storage area for longer then two weeks. If additional storage time is required, contact the laboratory for mylar pouches. Handle each PDB separately with clean nitrile gloves. Always change gloves before handling a new PDB. Avoid handling bags bare-handed.

INSTALLATION

Prior to placement of the PDB into the monitoring well, record bag serial/identification numbers and sample location. Each bag will be equipped with a stainless steel weight and harness line (stainless steel or 3/16 inch twisted polypropylene rope) that will be firmly attached to the protective casing of the monitoring well. Calculate the approximate amount

of line needed so the PDB can be suspended at the center of the well screen interval (if using 3/16 inch twisted polypropylene rope take into account any stretching that might occur over time). After the correct amount of line is calculated, slowly lower the PDB into monitoring well to prevent the PDB from getting caught or hung up in the well casing. After installation note the time and date, carefully lock the monitoring well and proceed to the next location. Laboratory tests have demonstrated that two weeks is the minimum time that is needed for most VOCs in the groundwater formation to reach equilibrium with the analyte free, deionized water in the diffusion bag. After this initial equilibrium period has occurred there is no specific recovery time, thus when the next round of scheduled sampling is needed PDBs from the previous round can be recovered and be replaced by a new PDB.

RECOVERY

After the minimum two week equilibrium period has passed, return to the monitoring well, and carefully unlock well. Note time, date and well ID. Don a new pair of disposable nitrile gloves, and slowly begin to remove PDB; the line should be carefully spooled together and placed in a clean plastic bag large enough to contain all of the retrieval line. The line should not be allowed to contact the ground surface. Upon retrieval of PDB and harness, inspect bag carefully damage, and check serial number or bag ID against previously recorded numbers. The PDB can be opened by removing the threaded screw cap. If PDBs have no threaded screw cap, a pair of scissors can be used to cut a forty-five degree angle at corner of bag. If this type of bag has been supplied, make sure scissors are thoroughly pre-cleaned with alconox and distilled water between sample locations.

Once bag has been opened, the laboratory supplied 40 ml HCL pre - preserved vial must be filled immediately. PDBs should not be allowed to come into contact with other

PDBs, as cross contamination can occur between bags. The vials must be held at a slight angle and filled slowly so little to no aeration of the groundwater can occur. Vials must be filled with zero headspace (no air bubbles) in the sample. To ensure this, after the vial has been filled, twist cap on tightly; turn vial upside down and lightly tap. If no air bubbles are visible, proceed with filling the next vial. After each vial bottle for that specific monitoring well have been filled, take remaining groundwater (if any) and record groundwater quality for pH, temperature, conductivity and ORP (oxidation reduction potential).

Following sampling, the empty PDBs can disposed as solid waste. If additional sampling events are being performed at the site, the PDBs for the next round of sampling can be placed into the well following the same procedures described above.

GROUNDWATER SAMPLE COLLECTION PROCEDURES FOR PASSIVE DIFFUSION BAG SAMPLERS

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER WELL
Passive Diffusion Bag Sample Collection and Recovery Sheet

Project Name: WELL NUMBER:

Project Number: Sample Matrix:

Client: Weather:

WELL DATA: DATE: TIME:

Casing Diameter (inches):	Casing Material:
Screened interval (fbTOR):	Screen Material:
Static Water Level (fbTOR):	Bottom Depth (fbTOR):
Elevation Top of Well Riser (fmsl):	Ground Surface Elevation (fmsl):
Elevation Top of Screen (fmsl):	Stick-up (feet):

PDB DATA: DATE: START TIME: END TIME:

Serial # or ID #:	Is PDB harness and line dedicated to sample location? yes
Standing Volume (gallons):	Is PDB located at center of screen? yes
Condition of Well:	Condition of Well:
Field Personnel:	Field Personnel:

SAMPLING DATA:

Date of PDB placement:	
Time of PDB placement:	
Date of PDB recovery:	
Time of PDB recovery:	

Recovery Data:

Time	Date (M/D/Y)	Water Level (fbTOR)	Water Level (fbTOR)	pH (Units)	Temperature (degrees C)	Specific Conductance (µS/cm)	ORP (mV)	Appearance Odor

PHYSICAL & CHEMICAL DATA:

SCRIPTION OF WATER SAMPLE	
Odor	
Color	
NAPL	
Contains Sediment? Yes No	

If PDB Contains visable sediment check PDB integrity and re-sample.

REMARKS:

PREPARED BY:

SAMPLE