ANALYTICAL REPORT

PROJECT NO. EM2303

BRC Former C-6 Facility, Torra

SAFETY HEALTH AND
ENVIRONMENTAL AFFAIRS
OCT 0 8 2002

Scott Ek

Tait Environmental

H - TMW-3, DAC-PI, TMW-2

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 25, 2002

ANALYTICAL REPORT

PROJECT NO. EM2303

BRC Former C-6 Facility, Torra

Beth Breitenbach

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 25, 2002

ANALYTICAL REPORT

PROJECT NO. EM2303

BRC Former C-6 Facility, Torra

CH2M Hill

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 25, 2002

ANALYTICAL REPORT

PROJECT NO. EM2303

BRC Former C-6 Facility, Torra

Karen Adkison

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 25, 2002

EXECUTIVE SUMMARY - Detection Highlights

E2I190325

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TMW_3_WG091902_0001 09/19/02 08:50 002				
1,1-Dichloroethene	200	50	ug/L	SW846 8260B
1,1-Dichloroethene	160	10	ug/L	SW846 8260B
Chloroform	9.9 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	22 J	50	ug/L	SW846 8260B
1,1-Dichloroethane	19	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	37 J	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	30	10	ug/L	SW846 8260B
1,1,1-Trichloroethane	10 J	50	ug/L	SW846 8260B
1,1,1-Trichloroethane	8.5 J	10	ug/L	SW846 8260B
1,1,2-Trichloroethane	10	10	ug/L	SW846 8260B
Trichloroethene	4500	50	ug/L	SW846 8260B
Trichloroethene	3300 E	10	ug/L	SW846 8260B
DAC_P1_WG091902_0001 09/19/02 09:55 004				
Chloroform	37 J	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	100 J	250	ug/L	SW846 8260B
cis-1,2-Dichloroethene	80	50	ug/L	SW846 8260B
Trichloroethene	18000	250	ug/L	SW846 8260B
Trichloroethene	13000 E	50	ug/L	SW846 8260B
TMW_2_WG091902_0001 09/19/02 10:47 005				
Benzene	66 J	100	ug/L	SW846 8260B
2-Butanone	140000	2500	ug/L	SW846 8260B
2-Butanone	140000 E	500	ug/L	SW846 8260B
1,2-Dichloroethane	220 J	250	ug/L	SW846 8260B
1,2-Dichloroethane	230	50	ug/L	SW846 8260B
1,1-Dichloroethene	27000	500	ug/L	SW846 8260B
1,1-Dichloroethene	30000 E	100	ug/L	SW846 8260B
Chloroform	210 J	500	ug/L	SW846 8260B
Chloroform	240	100	ug/L	SW846 8260B
1,1-Dichloroethane	1900	500	ug/L	SW846 8260B
1,1-Dichloroethane	2200	100	ug/L	SW846 8260B
cis-1,2-Dichloroethene	14000	500	ug/L	SW846 8260B
cis-1,2-Dichloroethene	16000 E	100	ug/L	SW846 8260B
trans-1,2-Dichloroethene	670	500	ug/L	SW846 8260B
trans-1,2-Dichloroethene	770	100	ug/L	SW846 8260B
Methylene chloride	38 J	100	ug/L	SW846 8260B
4-Methyl-2-pentanone	1300	500	ug/L	SW846 8260B
Toluene	4700	500	ug/L	SW846 8260B
Toluene	5200	100	ug/L	SW846 8260B
1,1,1-Trichloroethane	1200	500	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E2I190325

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TMW_2_WG091902_0001 09/19/02 10:47 005				
1,1,1-Trichloroethane	1400	100	ug/L	SW846 8260B
1,1,2-Trichloroethane	61 J	100	ug/L	SW846 8260B
Trichloroethene	7700	500	ug/L	SW846 8260B
Trichloroethene	8400	100	ug/L	SW846 8260B
TB_TAIT091902_0001 09/19/02 006				
Acetone	8.5 J	10	ug/L	SW846 8260B

METHODS SUMMARY

E2I190325

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E2I190325

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
E8JJE	001	EB_TAIT091902_0001	09/19/02	08:00
E8JJF	002	TMW_3_WG091902_0001	09/19/02	08:50
E8JJG	003	FB_TAIT091902_0001	09/19/02	09:20
E8JJH	004	DAC_P1_WG091902_0001	09/19/02	09:55
E8JJJ	005	TMW_2_WG091902_0001	09/19/02	10:47
E8JJK	006	TB_TAIT091902_0001	09/19/02	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-001 **Work Order #...:** E8JJE1AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 08:00 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/20/02 **Analysis Date..:** 09/20/02
Prep Batch #...: 2263570 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-001 **Work Order #...:** E8JJE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 130)
1,2-Dichloroethane-d4	118	(65 - 135)
Toluene-d8	92	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_3_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-002 **Work Order #...:** E8JJF1AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 08:50 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/20/02 **Analysis Date..:** 09/20/02
Prep Batch #...: 2266302 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	500	ug/L
Benzene	ND	50	ug/L
Bromobenzene	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
Bromoform	ND	50	ug/L
Bromomethane	ND	100	ug/L
Carbon tetrachloride	ND	25	ug/L
2-Butanone	ND	250	ug/L
n-Butylbenzene	ND	50	ug/L
sec-Butylbenzene	ND	50	ug/L
tert-Butylbenzene	ND	50	ug/L
Carbon disulfide	ND	50	ug/L
Chlorobenzene	ND	50	ug/L
Dibromochloromethane	ND	50	ug/L
Dichlorodifluoromethane	ND	50	ug/L
Bromodichloromethane	ND	50	ug/L
1,2-Dichloroethane	ND	25	ug/L
1,1-Dichloroethene	**200**	**50**	**ug/L**
Chloroethane	ND	100	ug/L
Chloroform	ND	50	ug/L
Chloromethane	ND	100	ug/L
2-Chlorotoluene	ND	50	ug/L
4-Chlorotoluene	ND	50	ug/L
1,2-Dibromo-3-chloro-propane	ND	100	ug/L
1,2-Dibromoethane	ND	50	ug/L
Iodomethane	ND	100	ug/L
Isopropyl ether	ND	100	ug/L
1,2-Dichlorobenzene	ND	50	ug/L
1,3-Dichlorobenzene	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
1,1-Dichloroethane	**22 J**	**50**	**ug/L**
cis-1,2-Dichloroethene	**37 J**	**50**	**ug/L**
trans-1,2-Dichloroethene	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
2,2-Dichloropropane	ND	50	ug/L
t-Butanol	ND	1200	ug/L
1,1-Dichloropropene	ND	50	ug/L
Tert-amyl methyl ether	ND	100	ug/L
Tert-butyl ethyl ether	ND	100	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_3_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-002 **Work Order #...:** E8JJF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
Isopropylbenzene	ND	50	ug/L
p-Isopropyltoluene	ND	50	ug/L
Methylene chloride	ND	50	ug/L
4-Methyl-2-pentanone	ND	250	ug/L
Methyl tert-butyl ether	ND	50	ug/L
n-Propylbenzene	ND	50	ug/L
Styrene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
1,1,2,2-Tetrachloroethane	ND	50	ug/L
Tetrachloroethene	ND	50	ug/L
Toluene	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
1,1,1-Trichloroethane	**10 J**	**50**	**ug/L**
1,1,2-Trichloroethane	ND	50	ug/L
Trichloroethene	**4500**	**50**	**ug/L**
Trichlorofluoromethane	ND	100	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
1,2,4-Trimethylbenzene	ND	50	ug/L
1,3,5-Trimethylbenzene	ND	50	ug/L
Xylenes (total)	ND	50	ug/L
Acrolein	ND	1000	ug/L
Acrylonitrile	ND	1000	ug/L
Vinyl acetate	ND	250	ug/L
Tetrahydrofuran	ND	500	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	129	(65 - 135)
Toluene-d8	90	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_3_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-002 **Work Order #...:** E8JJF2AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 08:50 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/21/02 **Analysis Date..:** 09/21/02
Prep Batch #...: 2266302 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	100	ug/L
Benzene	ND	10	ug/L
Bromobenzene	ND	10	ug/L
Bromochloromethane	ND	10	ug/L
Bromoform	ND	10	ug/L
Bromomethane	ND	20	ug/L
Carbon tetrachloride	ND	5.0	ug/L
2-Butanone	ND	50	ug/L
n-Butylbenzene	ND	10	ug/L
sec-Butylbenzene	ND	10	ug/L
tert-Butylbenzene	ND	10	ug/L
Carbon disulfide	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
Dibromochloromethane	ND	10	ug/L
Dichlorodifluoromethane	ND	10	ug/L
Bromodichloromethane	ND	10	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene	**160**	**10**	**ug/L**
Chloroethane	ND	20	ug/L
Chloroform	**9.9 J**	**10**	**ug/L**
Chloromethane	ND	20	ug/L
2-Chlorotoluene	ND	10	ug/L
4-Chlorotoluene	ND	10	ug/L
1,2-Dibromo-3-chloro-propane	ND	20	ug/L
1,2-Dibromoethane	ND	10	ug/L
Iodomethane	ND	20	ug/L
Isopropyl ether	ND	20	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
1,1-Dichloroethane	**19**	**10**	**ug/L**
cis-1,2-Dichloroethene	**30**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	10	ug/L
Vinyl chloride	ND	5.0	ug/L
2,2-Dichloropropane	ND	10	ug/L
t-Butanol	ND	250	ug/L
1,1-Dichloropropene	ND	10	ug/L
Tert-amyl methyl ether	ND	20	ug/L
Tert-butyl ethyl ether	ND	20	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_3_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-002 **Work Order #...:** E8JJF2AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
2-Hexanone	ND	50	ug/L
Isopropylbenzene	ND	10	ug/L
p-Isopropyltoluene	ND	10	ug/L
Methylene chloride	ND	10	ug/L
4-Methyl-2-pentanone	ND	50	ug/L
Methyl tert-butyl ether	ND	10	ug/L
n-Propylbenzene	ND	10	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
1,1,2,2-Tetrachloroethane	ND	10	ug/L
Tetrachloroethene	ND	10	ug/L
Toluene	ND	10	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
1,1,1-Trichloroethane	**8.5 J**	**10**	**ug/L**
1,1,2-Trichloroethane	**10**	**10**	**ug/L**
Trichloroethene	**3300 E**	**10**	**ug/L**
Trichlorofluoromethane	ND	20	ug/L
1,2,3-Trichloropropane	ND	10	ug/L
1,2,4-Trimethylbenzene	ND	10	ug/L
1,3,5-Trimethylbenzene	ND	10	ug/L
Xylenes (total)	ND	10	ug/L
Acrolein	ND	200	ug/L
Acrylonitrile	ND	200	ug/L
Vinyl acetate	ND	50	ug/L
Tetrahydrofuran	ND	100	ug/L
2-Chloroethyl vinyl ether	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(75 - 130)
1,2-Dichloroethane-d4	120	(65 - 135)
Toluene-d8	88	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

TAIT ENVIRONMENTAL

Client Sample ID: FB_TAIT091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-003 **Work Order #...:** E8JJG1AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 09:20 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/20/02 **Analysis Date..:** 09/20/02
Prep Batch #...: 2263570 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: FB_TAIT091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-003 **Work Order #...:** E8JJG1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
1,2-Dichloroethane-d4	126	(65 - 135)
Toluene-d8	90	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-004 **Work Order #...:** E8JJH1AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 09:55 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/20/02 **Analysis Date..:** 09/20/02
Prep Batch #...: 2266302 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	2500	ug/L
Benzene	ND	250	ug/L
Bromobenzene	ND	250	ug/L
Bromochloromethane	ND	250	ug/L
Bromoform	ND	250	ug/L
Bromomethane	ND	500	ug/L
Carbon tetrachloride	ND	120	ug/L
2-Butanone	ND	1200	ug/L
n-Butylbenzene	ND	250	ug/L
sec-Butylbenzene	ND	250	ug/L
tert-Butylbenzene	ND	250	ug/L
Carbon disulfide	ND	250	ug/L
Chlorobenzene	ND	250	ug/L
Dibromochloromethane	ND	250	ug/L
Dichlorodifluoromethane	ND	250	ug/L
Bromodichloromethane	ND	250	ug/L
1,2-Dichloroethane	ND	120	ug/L
1,1-Dichloroethene	ND	250	ug/L
Chloroethane	ND	500	ug/L
Chloroform	ND	250	ug/L
Chloromethane	ND	500	ug/L
2-Chlorotoluene	ND	250	ug/L
4-Chlorotoluene	ND	250	ug/L
1,2-Dibromo-3-chloro-propane	ND	500	ug/L
1,2-Dibromoethane	ND	250	ug/L
Iodomethane	ND	500	ug/L
Isopropyl ether	ND	500	ug/L
1,2-Dichlorobenzene	ND	250	ug/L
1,3-Dichlorobenzene	ND	250	ug/L
1,4-Dichlorobenzene	ND	250	ug/L
1,1-Dichloroethane	ND	250	ug/L
cis-1,2-Dichloroethene	**100 J**	**250**	**ug/L**
trans-1,2-Dichloroethene	ND	250	ug/L
Vinyl chloride	ND	120	ug/L
2,2-Dichloropropane	ND	250	ug/L
t-Butanol	ND	6200	ug/L
1,1-Dichloropropene	ND	250	ug/L
Tert-amyl methyl ether	ND	500	ug/L
Tert-butyl ethyl ether	ND	500	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-004 **Work Order #...:** E8JJH1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	250	ug/L
Hexachlorobutadiene	ND	250	ug/L
2-Hexanone	ND	1200	ug/L
Isopropylbenzene	ND	250	ug/L
p-Isopropyltoluene	ND	250	ug/L
Methylene chloride	ND	250	ug/L
4-Methyl-2-pentanone	ND	1200	ug/L
Methyl tert-butyl ether	ND	250	ug/L
n-Propylbenzene	ND	250	ug/L
Styrene	ND	250	ug/L
1,1,1,2-Tetrachloroethane	ND	250	ug/L
1,1,2,2-Tetrachloroethane	ND	250	ug/L
Tetrachloroethene	ND	250	ug/L
Toluene	ND	250	ug/L
1,2,3-Trichlorobenzene	ND	250	ug/L
1,2,4-Trichloro-benzene	ND	250	ug/L
1,1,1-Trichloroethane	ND	250	ug/L
1,1,2-Trichloroethane	ND	250	ug/L
Trichloroethene	**18000**	**250**	**ug/L**
Trichlorofluoromethane	ND	500	ug/L
1,2,3-Trichloropropane	ND	250	ug/L
1,2,4-Trimethylbenzene	ND	250	ug/L
1,3,5-Trimethylbenzene	ND	250	ug/L
Xylenes (total)	ND	250	ug/L
Acrolein	ND	5000	ug/L
Acrylonitrile	ND	5000	ug/L
Vinyl acetate	ND	1200	ug/L
Tetrahydrofuran	ND	2500	ug/L
2-Chloroethyl vinyl ether	ND	1200	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	84	(75 - 130)
1,2-Dichloroethane-d4	129	(65 - 135)
Toluene-d8	89	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-004 **Work Order #...:** E8JJH2AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 09:55 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/21/02 **Analysis Date..:** 09/21/02
Prep Batch #...: 2266302 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	500	ug/L
Benzene	ND	50	ug/L
Bromobenzene	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
Bromoform	ND	50	ug/L
Bromomethane	ND	100	ug/L
Carbon tetrachloride	ND	25	ug/L
2-Butanone	ND	250	ug/L
n-Butylbenzene	ND	50	ug/L
sec-Butylbenzene	ND	50	ug/L
tert-Butylbenzene	ND	50	ug/L
Carbon disulfide	ND	50	ug/L
Chlorobenzene	ND	50	ug/L
Dibromochloromethane	ND	50	ug/L
Dichlorodifluoromethane	ND	50	ug/L
Bromodichloromethane	ND	50	ug/L
1,2-Dichloroethane	ND	25	ug/L
1,1-Dichloroethene	ND	50	ug/L
Chloroethane	ND	100	ug/L
Chloroform	**37 J**	**50**	**ug/L**
Chloromethane	ND	100	ug/L
2-Chlorotoluene	ND	50	ug/L
4-Chlorotoluene	ND	50	ug/L
1,2-Dibromo-3-chloro-propane	ND	100	ug/L
1,2-Dibromoethane	ND	50	ug/L
Iodomethane	ND	100	ug/L
Isopropyl ether	ND	100	ug/L
1,2-Dichlorobenzene	ND	50	ug/L
1,3-Dichlorobenzene	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
1,1-Dichloroethane	ND	50	ug/L
cis-1,2-Dichloroethene	**80**	**50**	**ug/L**
trans-1,2-Dichloroethene	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
2,2-Dichloropropane	ND	50	ug/L
t-Butanol	ND	1200	ug/L
1,1-Dichloropropene	ND	50	ug/L
Tert-amyl methyl ether	ND	100	ug/L
Tert-butyl ethyl ether	ND	100	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-004 **Work Order #...:** E8JJH2AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
Isopropylbenzene	ND	50	ug/L
p-Isopropyltoluene	ND	50	ug/L
Methylene chloride	ND	50	ug/L
4-Methyl-2-pentanone	ND	250	ug/L
Methyl tert-butyl ether	ND	50	ug/L
n-Propylbenzene	ND	50	ug/L
Styrene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
1,1,2,2-Tetrachloroethane	ND	50	ug/L
Tetrachloroethene	ND	50	ug/L
Toluene	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
1,1,2-Trichloroethane	ND	50	ug/L
Trichloroethene	**13000 E**	**50**	**ug/L**
Trichlorofluoromethane	ND	100	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
1,2,4-Trimethylbenzene	ND	50	ug/L
1,3,5-Trimethylbenzene	ND	50	ug/L
Xylenes (total)	ND	50	ug/L
Acrolein	ND	1000	ug/L
Acrylonitrile	ND	1000	ug/L
Vinyl acetate	ND	250	ug/L
Tetrahydrofuran	ND	500	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
1,2-Dichloroethane-d4	128	(65 - 135)
Toluene-d8	88	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_2_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-005 **Work Order #...:** E8JJJ1AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 10:47 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/20/02 **Analysis Date..:** 09/20/02
Prep Batch #...: 2263570 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	5000	ug/L
Benzene	ND	500	ug/L
Bromobenzene	ND	500	ug/L
Bromochloromethane	ND	500	ug/L
Bromoform	ND	500	ug/L
Bromomethane	ND	1000	ug/L
Carbon tetrachloride	ND	250	ug/L
2-Butanone	**140000**	**2500**	**ug/L**
n-Butylbenzene	ND	500	ug/L
sec-Butylbenzene	ND	500	ug/L
tert-Butylbenzene	ND	500	ug/L
Carbon disulfide	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
Dibromochloromethane	ND	500	ug/L
Dichlorodifluoromethane	ND	500	ug/L
Bromodichloromethane	ND	500	ug/L
1,2-Dichloroethane	**220 J**	**250**	**ug/L**
1,1-Dichloroethene	**27000**	**500**	**ug/L**
Chloroethane	ND	1000	ug/L
Chloroform	**210 J**	**500**	**ug/L**
Chloromethane	ND	1000	ug/L
2-Chlorotoluene	ND	500	ug/L
4-Chlorotoluene	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	1000	ug/L
1,2-Dibromoethane	ND	500	ug/L
Iodomethane	ND	1000	ug/L
Isopropyl ether	ND	1000	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
1,1-Dichloroethane	**1900**	**500**	**ug/L**
cis-1,2-Dichloroethene	**14000**	**500**	**ug/L**
trans-1,2-Dichloroethene	**670**	**500**	**ug/L**
Vinyl chloride	ND	250	ug/L
2,2-Dichloropropane	ND	500	ug/L
t-Butanol	ND	12000	ug/L
1,1-Dichloropropene	ND	500	ug/L
Tert-amyl methyl ether	ND	1000	ug/L
Tert-butyl ethyl ether	ND	1000	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_2_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-005 **Work Order #...:** E8JJJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	500	ug/L
Hexachlorobutadiene	ND	500	ug/L
2-Hexanone	ND	2500	ug/L
Isopropylbenzene	ND	500	ug/L
p-Isopropyltoluene	ND	500	ug/L
Methylene chloride	ND	500	ug/L
4-Methyl-2-pentanone	ND	2500	ug/L
Methyl tert-butyl ether	ND	500	ug/L
n-Propylbenzene	ND	500	ug/L
Styrene	ND	500	ug/L
1,1,1,2-Tetrachloroethane	ND	500	ug/L
1,1,2,2-Tetrachloroethane	ND	500	ug/L
Tetrachloroethene	ND	500	ug/L
Toluene	**4700**	**500**	**ug/L**
1,2,3-Trichlorobenzene	ND	500	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
1,1,1-Trichloroethane	**1200**	**500**	**ug/L**
1,1,2-Trichloroethane	ND	500	ug/L
Trichloroethene	**7700**	**500**	**ug/L**
Trichlorofluoromethane	ND	1000	ug/L
1,2,3-Trichloropropane	ND	500	ug/L
1,2,4-Trimethylbenzene	ND	500	ug/L
1,3,5-Trimethylbenzene	ND	500	ug/L
Xylenes (total)	ND	500	ug/L
Acrolein	ND	10000	ug/L
Acrylonitrile	ND	10000	ug/L
Vinyl acetate	ND	2500	ug/L
Tetrahydrofuran	ND	5000	ug/L
2-Chloroethyl vinyl ether	ND	2500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	134	(65 - 135)
Toluene-d8	90	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_2_WG091902_0001

GC/MS Volatiles

Lot-Sample #...: E2I190325-005 **Work Order #...:** E8JJJ2AA **Matrix.....:** WATER
Date Sampled...: 09/19/02 10:47 **Date Received..:** 09/19/02 17:00
Prep Date.....: 09/21/02 **Analysis Date..:** 09/21/02
Prep Batch #...: 2266302 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1000	ug/L
Benzene	**66 J**	**100**	**ug/L**
Bromobenzene	ND	100	ug/L
Bromochloromethane	ND	100	ug/L
Bromoform	ND	100	ug/L
Bromomethane	ND	200	ug/L
Carbon tetrachloride	ND	50	ug/L
2-Butanone	**140000 E**	**500**	**ug/L**
n-Butylbenzene	ND	100	ug/L
sec-Butylbenzene	ND	100	ug/L
tert-Butylbenzene	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Chlorobenzene	ND	100	ug/L
Dibromochloromethane	ND	100	ug/L
Dichlorodifluoromethane	ND	100	ug/L
Bromodichloromethane	ND	100	ug/L
1,2-Dichloroethane	**230**	**50**	**ug/L**
1,1-Dichloroethene	**30000 E**	**100**	**ug/L**
Chloroethane	ND	200	ug/L
Chloroform	**240**	**100**	**ug/L**
Chloromethane	ND	200	ug/L
2-Chlorotoluene	ND	100	ug/L
4-Chlorotoluene	ND	100	ug/L
1,2-Dibromo-3-chloro-propane	ND	200	ug/L
1,2-Dibromoethane	ND	100	ug/L
Iodomethane	ND	200	ug/L
Isopropyl ether	ND	200	ug/L
1,2-Dichlorobenzene	ND	100	ug/L
1,3-Dichlorobenzene	ND	100	ug/L

ANALYTICAL REPORT

PROJECT NO. 05160-SEV002

Boeing C-6/Tait EM2303

Scott Ek

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 20, 2002

ANALYTICAL REPORT

PROJECT NO. 05160-SEV002

Boeing C-6/Tait EM2303

Beth Breitenbach

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 20, 2002

ANALYTICAL REPORT

PROJECT NO. 05160-SEV002

Boeing C-6/Tait EM2303

CH2M Hill

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

September 20, 2002

EXECUTIVE SUMMARY - Detection Highlights

E2I170153

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
EB_TAIT091602_0002 09/16/02 08:12 002				
Bromodichloromethane	0.72 J	1.0	ug/L	SW846 8260B
Chloroform	0.54 J	1.0	ug/L	SW846 8260B
WCC_5S_WG091602_0001 09/16/02 09:35 003				
1,1-Dichloroethene	5.8	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.34 J	1.0	ug/L	SW846 8260B
Toluene	3.0	1.0	ug/L	SW846 8260B
Trichloroethene	1.5	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	0.86 J	2.0	ug/L	SW846 8260B
TMW_16_WG091602_0001 09/16/02 12:30 004				
Methylene chloride	2.3	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.1	1.0	ug/L	SW846 8260B
Trichloroethene	1.7	1.0	ug/L	SW846 8260B
TMW_10_WG091602_0001 09/16/02 13:25 006				
Dichlorodifluoromethane	2.0	1.0	ug/L	SW846 8260B
Chloroform	2.9	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.82 J	1.0	ug/L	SW846 8260B
Toluene	2.2	1.0	ug/L	SW846 8260B
Trichloroethene	3.8	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	1.5 J	2.0	ug/L	SW846 8260B
TMW_14_WG091602_0001 09/16/02 14:15 007				
Carbon tetrachloride	2.0	0.50	ug/L	SW846 8260B
Chloroform	4.0	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.34 J	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.1	1.0	ug/L	SW846 8260B
Toluene	0.98 J	1.0	ug/L	SW846 8260B
Trichloroethene	10	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E2I170153

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E2I170153

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
E8CM4	001	EB_TAIT091602_0001	09/16/02	08:00
E8CNJ	002	EB_TAIT091602_0002	09/16/02	08:12
E8CNR	003	WCC_5S_WG091602_0001	09/16/02	09:35
E8CN2	004	TMW_16_WG091602_0001	09/16/02	12:30
E8CN5	005	FB_TAIT091602_0001	09/16/02	13:10
E8CN9	006	TMW_10_WG091602_0001	09/16/02	13:25
E8CPD	007	TMW_14_WG091602_0001	09/16/02	14:15
E8CPE	008	TB_TAIT091602_0001	09/16/02	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-001 **Work Order #...:** E8CM41AA **Matrix.....:** WG
Date Sampled...: 09/16/02 08:00 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-001 **Work Order #...:** E8CM41AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(75 - 130)
1,2-Dichloroethane-d4	106	(65 - 135)
Toluene-d8	90	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT091602_0002

GC/MS Volatiles

Lot-Sample #...: E2I170153-002 **Work Order #...:** E8CNJ1AA **Matrix.....:** WG
Date Sampled...: 09/16/02 08:12 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	**0.72 J**	**1.0**	**ug/L**
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**0.54 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT091602_0002

GC/MS Volatiles

Lot-Sample #...: E2I170153-002 **Work Order #...:** E8CNJ1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	110	(65 - 135)
Toluene-d8	90	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: WCC_5S_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-003 **Work Order #...:** E8CNR1AA **Matrix.....:** WG
Date Sampled...: 09/16/02 09:35 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	**5.8**	**1.0**	**ug/L**
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: WCC_5S_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-003 **Work Order #...:** E8CNR1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	**0.34 J**	**1.0**	**ug/L**
Toluene	**3.0**	**1.0**	**ug/L**
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**1.5**	**1.0**	**ug/L**
Trichlorofluoromethane	**0.86 J**	**2.0**	**ug/L**
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
1,2-Dichloroethane-d4	106	(65 - 135)
Toluene-d8	90	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_16_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-004 **Work Order #...:** E8CN21AA **Matrix.....:** WG
Date Sampled...: 09/16/02 12:30 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_16_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-004 **Work Order #...:** E8CN21AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	**2.3**	**1.0**	**ug/L**
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	**1.1**	**1.0**	**ug/L**
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**1.7**	**1.0**	**ug/L**
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(75 - 130)
1,2-Dichloroethane-d4	114	(65 - 135)
Toluene-d8	91	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: FB_TAIT091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-005 **Work Order #...:** E8CN51AA **Matrix.....:** WG
Date Sampled...: 09/16/02 13:10 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: FB_TAIT091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-005 **Work Order #...:** E8CN51AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	110	(65 - 135)
Toluene-d8	89	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_10_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-006 **Work Order #...:** E8CN91AA **Matrix.....:** WG
Date Sampled...: 09/16/02 13:25 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	**2.0**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**2.9**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_10_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-006 **Work Order #...:** E8CN91AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	**0.82 J**	**1.0**	**ug/L**
Toluene	**2.2**	**1.0**	**ug/L**
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**3.8**	**1.0**	**ug/L**
Trichlorofluoromethane	**1.5 J**	**2.0**	**ug/L**
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	112	(65 - 135)
Toluene-d8	89	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_14_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-007 **Work Order #...:** E8CPD1AA **Matrix.....:** WG
Date Sampled...: 09/16/02 14:15 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/18/02 **Analysis Date..:** 09/18/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	**2.0**	**0.50**	**ug/L**
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**4.0**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**0.34 J**	**1.0**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_14_WG091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-007 **Work Order #...:** E8CPD1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	**1.1**	**1.0**	**ug/L**
Toluene	**0.98 J**	**1.0**	**ug/L**
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**10**	**1.0**	**ug/L**
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	110	(65 - 135)
Toluene-d8	90	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-008 **Work Order #...:** E8CPE1AA **Matrix.....:** WG
Date Sampled...: 09/16/02 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND	2.0	ug/L
Tert-butyl ethyl ether	ND	2.0	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT091602_0001

GC/MS Volatiles

Lot-Sample #...: E2I170153-008 **Work Order #...:** E8CPE1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	106	(65 - 135)
Toluene-d8	88	(80 - 130)

QC DATA ASSOCIATION SUMMARY

E2I170153

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		2261237	2261107
002	WG	SW846 8260B		2261237	2261107
003	WG	SW846 8260B		2261237	2261107
004	WG	SW846 8260B		2261237	2261107
005	WG	SW846 8260B		2261237	2261107
006	WG	SW846 8260B		2261237	2261107
007	WG	SW846 8260B		2261237	2261107
008	WG	SW846 8260B		2261237	2261107

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E2I170153 **Work Order #...:** E8ENG1AA **Matrix.....:** WATER
MB Lot-Sample #: E2I180000-237

Prep Date.....: 09/17/02
Analysis Date..: 09/17/02 **Prep Batch #...:** 2261237

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E2I170153 **Work Order #...:** E8ENG1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	107	(65 - 135)
Toluene-d8	90	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E2I170153 **Work Order #...:** E8ENG1AC **Matrix.....:** WATER
LCS Lot-Sample#: E2I180000-237
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**99**	**(75 - 120)**	**SW846 8260B**
Chlorobenzene	**97**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**112**	**(70 - 140)**	**SW846 8260B**
Toluene	**100**	**(75 - 125)**	**SW846 8260B**
Trichloroethene	**109**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E2I170153 **Work Order #...:** E8ENG1AC **Matrix.....:** WATER
LCS Lot-Sample#: E2I180000-237
Prep Date.....: 09/17/02 **Analysis Date..:** 09/17/02
Prep Batch #...: 2261237

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**9.89**	**ug/L**	**99**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.66**	**ug/L**	**97**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Toluene	**10.0**	**9.97**	**ug/L**	**100**	**SW846 8260B**
Trichloroethene	**10.0**	**10.9**	**ug/L**	**109**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E2I170153 **Work Order #...:** E8CN21AC-MS **Matrix.....:** WG
MS Lot-Sample #: E2I170153-004 E8CN21AD-MSD
Date Sampled...: 09/16/02 12:30 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/18/02
Prep Batch #...: 2261237

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**103**	**(75 - 120)**			**SW846 8260B**
	102	**(75 - 120)**	**0.77**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**100**	**(75 - 120)**			**SW846 8260B**
	99	**(75 - 120)**	**0.30**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**118**	**(70 - 140)**			**SW846 8260B**
	116	**(70 - 140)**	**2.2**	**(0-25)**	**SW846 8260B**
Toluene	**101**	**(75 - 125)**			**SW846 8260B**
	99	**(75 - 125)**	**2.2**	**(0-25)**	**SW846 8260B**
Trichloroethene	**116**	**(70 - 130)**			**SW846 8260B**
	116	**(70 - 130)**	**0.37**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	118	(75 - 130)
	116	(75 - 130)
1,2-Dichloroethane-d4	125	(65 - 135)
	125	(65 - 135)
Toluene-d8	99	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E2I170153 **Work Order #...:** E8CN21AC-MS **Matrix.....:** WG
MS Lot-Sample #: E2I170153-004 E8CN21AD-MSD
Date Sampled...: 09/16/02 12:30 **Date Received..:** 09/16/02 17:01
Prep Date.....: 09/17/02 **Analysis Date..:** 09/18/02
Prep Batch #...: 2261237

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	ND	**10.0**	**10.2**	**ug/L**	**102**	**0.77**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**9.97**	**ug/L**	**100**		**SW846 8260B**
	ND	**10.0**	**9.94**	**ug/L**	**99**	**0.30**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**11.8**	**ug/L**	**118**		**SW846 8260B**
	ND	**10.0**	**11.6**	**ug/L**	**116**	**2.2**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**9.92**	**ug/L**	**99**	**2.2**	**SW846 8260B**
Trichloroethene	**1.7**	**10.0**	**13.4**	**ug/L**	**116**		**SW846 8260B**
	1.7	**10.0**	**13.3**	**ug/L**	**116**	**0.37**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	118	(75 - 130)
	116	(75 - 130)
1,2-Dichloroethane-d4	125	(65 - 135)
	125	(65 - 135)
Toluene-d8	99	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters