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COPY

August 26, 2014

BRRTS #: 02-41-242945

Doug Cieslak
Wisconsin Department of Natural Resources
9531 Rayne Road
Sturtevant, WI 53177

Subject: MSF Corp. – Vapor Sampling and Groundwater Monitoring Report

Dear Mr. Cieslak,

Enclosed is the report for the MSF Corp. site located in Cudahy, Wisconsin.

Groundwater Monitoring

On April 24, 2014, METCO collected groundwater samples from six monitoring wells (MW-1, -2, -3, -4, -5, and -6), two temporary wells (B-8 and B-6), and one recovery well (RW-1) for VOC analysis. Field measurements for DO, pH, ORP, Temperature, Specific Conductance and water levels were collected from all accessible site wells. Piezometer wells PZ-4 and PZ-6 were not sampled as they were dry. Temporary well B-5 was not sampled because the well was obstructed at 2.5 feet below ground surface (bgs). Temporary well B-1 was not sampled because it was located adjacent to RW-1.

The site features and monitoring wells were also surveyed by Fauerbach Surveying & Engineering of Hillsboro, Wisconsin. The ground surface and top of PVC casing elevations were surveyed to feet mean sea level (msl).

Groundwater results are summarized in the attached data tables.

Sub Slab Vapor Sampling

On April 24, 2014, METCO collected vapor samples from three sub-slab vapor monitoring wells (VW-1, -2, and -3) for VOC analysis. Vapor samples were collected using a Suma canister which was connected to the sub-slab vapor monitoring wells using Silicone tubing. The valve on the Suma canister was opened and a vapor sample is slowly drawn in from the sampling port over a 7-8 hour time period. The sub-slab soil vapor sampling results are summarized in the attached data table.

Discussion of Results

Monitoring well MW-1 currently shows NR140 ES exceedances for 1,1,1-Trichloroethane (102 ppb) and Trichloroethene (74 ppb). The contaminant levels for 1,1-Dichloroethene (1.13 ppb) currently exceed the NR140 PAL.

Monitoring well MW-2 currently shows several low level VOC detects, but did not exceed any NR140 ES or PAL.

Monitoring well MW-3 currently shows several low level VOC detects, but did not exceed any NR140 ES or PAL.

Monitoring well MW-4 currently shows NR140 ES exceedances for Trichloroethene (8.6 ppb) and Vinyl Chloride (0.21 ppb). The contaminant levels for 1,1-Dichloroethene (2.5 ppb) currently exceed the NR140 PAL.

Monitoring well MW-5 currently shows an NR140 ES exceedance for Vinyl Chloride (0.57 ppb). The contaminant levels for 1,2-Dichloroethane (0.73 ppb) currently exceed the NR140 PAL.

Monitoring well MW-6 currently shows an NR140 ES exceedance for Vinyl Chloride (0.41 ppb).

Recovery well RW-1 currently shows NR140 ES exceedances for Tetrachloroethene (70 ppb) and Trichloroethene (60 ppb). The contaminant levels for 1,1,1-Trichloroethane (118 ppb) currently exceed the NR140 PAL.

Temporary well B-6 currently shows NR140 ES exceedances for 1,1-Dichloroethene (32 ppb), Tetrachloroethene (2,130 ppb), 1,1,1-Trichloroethane (312 ppb) and Trichloroethene (400 ppb). The contaminant levels for cis-1,2-Dichloroethene (46 ppb) currently exceed the NR140 PAL.

Temporary well B-8 currently shows NR140 ES exceedances for 1,1-Dichloroethene (27.7 ppb), Tetrachloroethene (13.9 ppb), and Trichloroethene (62 ppb). The contaminant levels for 1,1,1-Trichloroethane (184 ppb) currently exceed the NR140 PAL.

Because of the size of the building footprint (60,000 square feet), slab-on-grade building foundation, high ceilings (10-12 feet), higher air exchange rate, and current building use (warehouse), the non residential sub-slab vapor intrusion standards were used. The sub-slab vapor sampling results from VW-1 and VW-2 showed numerous VOC detects, but none exceeded the non residential sub-slab vapor intrusion standards. The sub-slab vapor sampling results from VW-3 also showed numerous VOC detects, but only Trichloroethene (4410 ug/m^3) exceeded the non residential sub-slab vapor intrusion standards.

Conclusions/Recommendations

Based on the current investigation results, METCO recommends that the MSF Corp. site be **"closed"** for the following reasons: 1) Overall groundwater contaminant trends have decreased since the previous sampling event. 2) Some of the contaminants (mostly Vinyl Chloride, which is a breakdown product of VOCs) detected in downgradient wells MW-4, -5, and -6 may be from the neighboring Superior Health Linens ERP site (BRRTS # 02-41-532649). 3) Because of the current property use as a warehouse, vapor intrusion does not appear to be a significant concern. 4) All residents and businesses in the City of Cudahy are connected to the city municipal water supply, which draws water from Lake Michigan. Therefore there are no potential receptors of the groundwater contamination. 5) Due to the close proximity of the building to the railroad tracks remediation would be problematic. 6) The site does not receive any funding from the state or insurance for investigation or cleanup.

An Updated Site Layout Map, Survey Map, Groundwater Flow Map, Groundwater Isoconcentration Map, Data Tables, Photos, and Laboratory Documents have been attached.

If you have any questions or comments please feel free to call (608-781-8879) or email at jasonp@metcohq.com.

Sincerely,

Jason T. Powell
Staff Scientist

Attachments

c: Sal Purpora – S&P Equipment

B.I.b DETAILED SITE MAP

MSF CORP.

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LA CROSSE, WI 54603
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Excellence through experience

CUDAHY.
WISCONSIN

DRAWN BY: ED
DATE: 07/17/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 40 FEET
0 20 40

- ● - SOIL BORING LOCATION
- ▲ - SOIL VAPOR MONITORING WELL LOCATION
- ⊕ - TEMPORARY MONITORING WELL LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊕ - RECOVERY WELL LOCATION
- — · — · — - WATER LINE
- — · · · — - SANITARY SEWER LINE
- ——— - STORM SEWER LINE
- — · · — - NATURAL GAS LINE
- ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- — — — - PROPERTY BOUNDARY

EAST HOLMES AVENUE

GRASS
SIDEWALK

FORMER PIONEER COMMERCIAL
DRY CLEANING
5002 SOUTH PACKARD AVENUE

RESIDENTIAL
5010 SOUTH PACKARD AVENUE

RESIDENTIAL
5014 SOUTH PACKARD AVENUE

PACKARD CAFE
5018 SOUTH PACKARD AVENUE

RESIDENTIAL
5020 SOUTH PACKARD AVENUE

SIDEWALK

TAVERN
5036 SOUTH PACKARD AVENUE

SIDEWALK
GRASS

MW-6

SIDEWALK

SOUTH PACKARD AVENUE

MW-5

CONCRETE

MW-2

GRASS

UNION PACIFIC RAILROAD

EAST MARTIN AVENUE

SIDEWALK
SIDEWALK

A.1 Groundwater Analytical Table
MSF Corp. Site BRRT's# 02-41-242945

Well MW-1
PVC Elevation =

01/27/00	714.66	Feet MSL
05/21/09	714.66	Feet MSL
04/24/14	714.79	Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
02/11/00	690.94	20.94	ND	*0.59*	35	*1.2*	0.35	<0.34	ND	ND	<0.35	<0.35	<0.45	<0.37	<0.48	ND	<0.15	<0.99
05/22/01	696.56	15.32	ND	<0.40	4.8	7.1	*26*	<0.10	ND	ND	<0.40	<0.10	**380**	<0.20	**250**	ND	<0.40	<0.30
05/27/09	700.24	11.37	ND	<0.43	1.55	*2.86*	4.7	<0.87	ND	ND	<0.42	<0.51	**163**	<0.41	**122**	ND	<0.2	<2.13
04/24/14	708.15	6.51	<0.24	<0.41	0.94	*1.13*	2.61	<0.55	<0.23	<1.7	<0.33	<0.69	**102**	<0.34	**74**	<3.6	<0.18	<1.32
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well MW-2
PVC Elevation =

01/26/00	717.10	Feet MSL
05/21/09	717.03	Feet MSL
04/24/14	717.16	Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
02/11/00	691.17	22.86	ND	<0.36	<0.34	<0.39	<0.32	<0.34	ND	ND	<0.35	<0.35	<0.45	<0.37	<0.48	ND	<0.15	<0.99
05/22/01	696.06	17.97	ND	<0.40	16	<0.90	<0.40	<0.10	ND	ND	<0.40	<0.10	4.4	<0.20	<0.30	ND	<0.40	<0.30
05/27/09	701.25	12.88	ND	<0.43	4.9	<0.47	<0.68	<0.87	ND	ND	<0.42	<0.51	3.3	<0.41	<0.39	ND	<0.2	<2.13
04/24/14	702.22	14.94	<0.24	<0.41	1.45	<0.4	<0.38	<0.55	<0.23	<1.7	<0.33	<0.69	0.98	<0.34	<0.33	<3.6	<0.18	<1.32
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well MW-3
PVC Elevation =

01/24/00	717.10	Feet MSL
05/21/09	717.03	Feet MSL
04/24/14	717.16	Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
02/11/00	698.09	12.67	ND	7.2	44	22	*25*	<0.34	ND	ND	<7	13	390	<7.4	120	ND	<3	22
05/22/01	700.72	10.01	ND	<0.40	8	<0.90	<0.40	<0.10	ND	ND	<0.40	<0.10	<0.30	<0.30	<0.30	ND	<0.40	<0.30
05/27/09	703.04	8.76	ND	<0.43	0.98	<0.47	<0.68	<0.87	ND	ND	<0.42	<0.51	<0.46	<0.41	<0.39	ND	<0.2	<2.13
04/24/14	702.78	7.30	<0.24	<0.41	0.35	<0.4	<0.38	<0.55	<0.23	<1.7	<0.33	<0.69	1.19	<0.34	<0.33	<3.6	<0.18	<1.32
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well MW-4
PVC Elevation =

05/21/09	705.10 Feet MSL
04/24/14	709.04 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/27/09	695.54	9.92	ND	*0.77*	1.05	<0.47	<0.68	<0.87	ND	ND	<0.42	<0.51	1.52	<0.41	<0.39	ND	**1.12**	<2.13
04/24/14	698.11	10.93	<0.24	<0.41	1.95	*2.5*	1.23	<0.55	0.42	<1.7	<0.33	<0.69	<0.33	<0.34	**8.6**	<3.6	**0.21**	<1.32
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well MW-5
PVC Elevation =

05/21/09	708.78 Feet MSL
04/24/14	704.96 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/27/09	697.02	12.05	ND	<0.43	<0.44	<0.47	<0.68	<0.87	ND	ND	<0.42	<0.51	<0.46	<0.41	*0.57*	ND	<0.2	<2.13
04/24/14	695.48	9.48	<0.24	*0.73*	2.38	<0.4	2.29	<0.55	<0.23	<1.7	<0.33	<0.69	2.13	<0.34	<0.33	<3.6	**0.57**	<1.32
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well MW-6
PVC Elevation =

05/21/09	703.89 Feet MSL
04/24/14	704.08 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/27/09	666.56	42.49	ND	<0.43	0.60	0.59	*11.2*	<0.87	ND	ND	<0.42	<0.51	<0.46	<0.41	<0.39	ND	**0.46**	<2.13
04/24/14	694.95	9.13	<0.24	<0.41	<0.3	<0.4	4.9	<0.55	0.28	<1.7	<0.33	<0.69	<0.33	<0.34	<0.33	<3.6	**0.41**	<1.32
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

A.1 Groundwater Analytical Table
MSF Corp. Site BRRT's# 02-41-242945

Well PZ-4
PVC Elevation = 05/21/09 704.53 Feet MSL
04/24/14 708.89 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/27/09	665.40	39.90	ND	<0.43	<0.44	<0.47	<0.68	<0.87	ND	ND	<0.42	<0.51	0.89	<0.41	<0.39	ND	<0.2	<2.13
04/24/14									DRY									
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT PAL = *Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well PZ-5
PVC Elevation = 05/21/09 708.70 Feet MSL
04/24/14 705.27 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/27/09	666.53	42.52	ND	<0.43	<0.44	<0.47	<0.68	<0.87	ND	ND	<0.42	<0.51	<0.46	<0.41	5.7	ND	<0.2	<2.13
04/24/14									DRY									
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT PAL = *Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Well RW-1
PVC Elevation = 05/21/09 715.51 Feet MSL
04/24/14 714.85 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
04/24/14	709.80	5.05	<2.4	<4.1	8.8	<4	<3.8	<5.5	<2.3	<17	70	<6.9	*118*	<3.4	60	<36	<1.8	<13.2
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT PAL = *Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Temporary Well B1
PVC Elevation = 10/08/99 712.30 Feet MSL
04/24/14 Unstable

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
10/08/99	NM	NM	<160	<180	<170	<195	<160	<170	<155	<440	50000	8000	45000	<185	3700	<495	<75	<490
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT PAL = *Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Temporary Well B5
PVC Elevation = 05/21/09 711.87 Feet MSL
04/24/14 712.11 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/22/01	704.92	6.99	ND	<20	*740*	49	330	<5.0	ND	ND	330	53	10000	<10	550	ND	<20	<15
04/24/14									COULD NOT MEASURE									
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT PAL = *Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Temporary Well B6
PVC Elevation = 05/21/09 711.87 Feet MSL
04/24/14 712.07 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/22/01	705.79	6.11	ND	<0.40	36	52	110	2.8	ND	ND	5000	4.6	1300	*1.1*	780	ND	<0.40	20.1
04/24/14	706.08	5.99	<12	<20.5	29	32	*46*	<27.5	<11.5	<85	2130	<34.5	312	<17	400	<180	<9	<66
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT PAL = *Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

A.1 Groundwater Analytical Table
MSF Corp. Site BRRT's# 02-41-242945

Temporary Well B8
PVC Elevation = 05/21/09 711.83 Feet MSL
04/24/14 712.06 Feet MSL

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
05/22/01	704.73	7.21	ND	<0.40	5.6	19	0.58	<0.10	ND	ND	5	0.30	57	<0.20	780	ND	<0.40	<0.30
04/24/14	704.67	7.39	<2.4	<4.1	18.4	27.7	<3.8	<5.5	<2.3	<17	13.9	<6.9	*184*	<3.4	62	<36	<1.8	<13.2
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Geoprobe Boring B2

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
10/08/99	NM	NM	<32	<36	5000	<39	580	<34	<31	<88	<35	<35	7300	180	1100	<99	<15	<98
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Geoprobe Boring B3

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
10/08/99	NM	NM	<0.32	<0.36	2.2	3.6	<0.32	<0.34	<0.31	<0.88	<0.35	<0.35	74	<0.37	20	<0.99	<0.15	<0.98
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Geoprobe Boring B4

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2-Dichloro-Ethane (1,2-DCA) (ppb)	1,1-Dichloro-ethane (1,1-DCA) (ppb)	1,1-Dichloro-ethene (1,1-DCE) (ppb)	cis-1,2-Dichloro ethene (cis-1,2-DCE) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	1,1,1-Trichloro ethane (ppb)	1,1,2-Trichloro ethane (ppb)	Trichloro-ethene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
10/08/99	NM	NM	<0.32	<0.36	<0.34	<0.39	<0.32	<0.34	<0.31	<0.88	<0.35	<0.35	1.9	<0.37	8.3	<0.99	<0.15	<0.98
ENFORCE MENT STANDARD ES = Bold			5	5	850	7	70	700	60	100	5	800	200	5	5	480	0.2	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			*0.5*	*0.5*	*85*	*0.7*	*7*	*140*	*12*	*10*	*0.5*	*160*	*40*	*0.5*	*0.5*	*96*	*0.02*	*400*

Notes:
(ppb) = parts per billion
ns = not sampled
nm = not measured

A.1 Groundwater Analytical Table
MSF Corp. Site BRRT's# 02-41-242945

Well Sampling Conducted on:	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	04/24/14	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
VOC's Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	RW-1	Temp Well B-6	Temp Well B-8		
Benzene/ppb	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 2.4	< 12	< 2.4	5	*0.5*
Bromobenzene/ppb	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 3.2	< 16	< 3.2	==	==
Bromodichloromethane/ppb	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 3.7	< 18.5	< 3.7	0.6	*0.06*
Bromoform/ppb	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 3.5	< 17.5	< 3.5	4.4	*0.44*
tert-Butylbenzene/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 3.6	< 18	< 3.6	==	==
sec-Butylbenzene/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 16.5	< 3.3	==	==
n-Butylbenzene/ppb	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 3.5	< 17.5	< 3.5	==	==
Carbon Tetrachloride/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 16.5	< 3.3	5	*0.5*
Chlorobenzene/ppb	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 2.4	< 12	< 2.4	==	==
Chloroethane/ppb	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 6.3	< 31.5	< 6.3	400	*80*
Chloroform/ppb	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 2.8	< 14	< 2.8	6	*0.6*
Chloromethane/ppb	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 8.1	< 40.5	< 8.1	30	*3*
2-Chlorotoluene/ppb	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 2.1	< 10.5	< 2.1	==	==
4-Chlorotoluene/ppb	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 2.1	< 10.5	< 2.1	==	==
1,2-Dibromo-3-chloropropane/ppb	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 8.8	< 44	< 8.8	0.2	*0.02*
Dibromochloromethane/ppb	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 2.2	< 11	< 2.2	60	*6*
1,4-Dichlorobenzene/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 3	< 15	< 3	75	*15*
1,3-Dichlorobenzene/ppb	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 2.8	< 14	< 2.8	600	*120*
1,2-Dichlorobenzene/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 3.6	< 18	< 3.6	600	*60*
Dichlorodifluoromethane/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 4.4	< 22	< 4.4	1000	*200*
1,2-Dichloroethane/ppb	< 0.41	< 0.41	< 0.41	< 0.41	*0.73 "J"*	< 0.41	< 4.1	< 20.5	< 4.1	5	*0.5*
1,1-Dichloroethane/ppb	0.94 "J"	1.45	0.35 "J"	1.95	2.38	< 0.3	8.8 "J"	29 "J"	18.4	850	*85*
1,1-Dichloroethene/ppb	*1.13 "J"*	< 0.4	< 0.4	*2.5*	< 0.4	< 0.4	< 4	32 "J"	27.7	7	*0.7*
cis-1,2-Dichloroethene/ppb	2.61	< 0.38	< 0.38	1.23	2.29	4.9	< 3.8	*46 "J"*	< 3.8	70	*7*
trans-1,2-Dichloroethene/ppb	< 0.35	< 0.35	< 0.35	0.42 "J"	< 0.35	0.88 "J"	< 3.5	< 17.5	< 3.5	100	*20*
1,2-Dichloropropane/ppb	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 3.2	< 16	< 3.2	5	*0.5*
2,2-Dichloropropane/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 3.6	< 18	< 3.6	==	==
1,3-Dichloropropane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 16.5	< 3.3	==	==
Di-isopropyl ether/ppb	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 2.3	< 11.5	< 2.3	==	==
EDB (1,2-Dibromoethane)/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 4.4	< 22	< 4.4	0.05	*0.005*
Ethylbenzene/ppb	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 5.5	< 27.5	< 5.5	700	*140*
Hexachlorobutadiene/ppb	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 15	< 75	< 15	==	==
Isopropylbenzene/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 3	< 15	< 3	==	==
p-Isopropyltoluene/ppb	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 3.1	< 15.5	< 3.1	==	==
Methylene chloride/ppb	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 25	< 5	5	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 0.23	< 0.23	< 0.23	0.42 "J"	< 0.23	0.28 "J"	< 2.3	< 11.5	< 2.3	60	*12*
Naphthalene/ppb	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 17	< 85	< 17	100	*10*
n-Propylbenzene/ppb	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 2.5	< 12.5	< 2.5	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 4.5	< 22.5	< 4.5	0.2	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 16.5	< 3.3	70	*7*
Tetrachloroethene (PCE)/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	70	2130	13.9	5	*0.5*
Toluene/ppb	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 6.9	< 34.5	< 6.9	800	*160*
1,2,4-Trichlorobenzene/ppb	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 9.8	< 49	< 9.8	70	*14*
1,2,3-Trichlorobenzene/ppb	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 18	< 90	< 18	==	==
1,1,1-Trichloroethane/ppb	*102*	0.98 "J"	1.19	< 0.33	2.13	< 0.33	*116*	312	*184*	200	*40*
1,1,2-Trichloroethane/ppb	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 3.4	< 17	< 3.4	5	*0.5*
Trichloroethene (TCE)/ppb	74	< 0.33	< 0.33	5.6	< 0.33	< 0.33	60	400	62	5	*0.5*
Trichlorofluoromethane/ppb	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 7.1	< 35.5	< 7.1	==	==
1,2,4-Trimethylbenzene/ppb	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 22	< 110	< 22		
1,3,5-Trimethylbenzene/ppb	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 14	< 70	< 14	Total TMB's 480	*Total TMB's 96*
Vinyl Chloride/ppb	< 0.18	< 0.18	< 0.18	0.21 "J"	0.57	0.41 "J"	< 1.8	< 9	< 1.8	0.2	*0.02*
m&p-Xylene/ppb	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 6.9	< 34.5	< 6.9		
o-Xylene/ppb	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 6.3	< 31.5	< 6.3	Total Xylenes 2000	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million

A.5 Vapor Analytical Table
MSF Corp.

Sample ID	CAS No.	VW-1	VW-2	VW-3	SUB-SLAB	
Sample Date		4/24/2014	4/24/2014	4/24/2014	NON-RESIDENTIAL	
Volatile Organic Compounds (ug/m³)						
Acetone	67-64-1	37.3	656	88.8	**1400000**	
Benzene	71-43-2	0.99	0.70	0.67	**160**	c
Benzyl chloride	100-44-7	<3.8	<3.8	<3.8	**25**	c
Bromodichloromethane	75-27-4	<2.0	<2.0	<2.0	**18000**	c
Bromoform	75-25-2	<3.0	<3.0	<3.0	**1100**	c
Bromomethane	74-83-9	<1.1	<1.1	<1.1	**220**	
1,3-Butadiene	106-99-0	<0.65	<0.65	<0.65	**41**	c
2-Butanone (MEK)	78-93-3	5.4	5.8	1.8	**220000**	
Carbon disulfide	75-15-0	<0.91	<0.91	<0.91	**31000**	
Carbon Tetrachloride	56-23-5	<0.92	<0.92	<0.92	**200**	c
Chlorobenzene	108-90-7	<1.4	<1.4	<1.4	**2200**	
Chloroethane	75-00-3	<0.78	<0.78	<0.78	**440000**	
Chloroform	67-66-3	<1.4	<1.4	2.6	**53**	c
Chloromethane	74-87-3	<0.60	<0.60	<0.60	**3900**	
Cyclohexane	110-82-7	1.7	<1.0	<1.0	**44000**	
Dibromochloromethane	124-48-1	<2.5	<2.5	<2.5	**45**	c
1,2-Dibromoethane (EDB)	106-93-4	<2.2	<2.2	<2.2	**2**	c
1,2-Dichlorobenzene	95-50-1	<1.8	<1.8	<1.8	**8800**	
1,3-Dichlorobenzene	541-73-1	<1.8	<1.8	<1.8	no standard	
1,4-Dichlorobenzene	106-46-7	<1.8	<1.8	<1.8	**100**	c
Dichlorodifluoromethane	75-71-8	4.1	3.4	10.1	**440**	
1,1-Dichloroethane	75-34-3	445	<1.2	4.1	**770**	c
1,2-Dichloroethane	107-06-2	<0.59	<0.59	<0.59	**47**	c
1,1-Dichloroethene	75-35-4	2030	<1.2	27.6	**8800**	
cis-1,2-Dichloroethene	156-59-2	33.1	<1.2	<1.2	no standard	
trans-1,2-Dichloroethene	156-60-5	8.5	<1.2	<1.2	no standard	
1,2-Dichloropropane	78-87-5	<1.4	<1.4	<1.4	**120**	c
cis-1,3-Dichloropropene	10061-01-5	<1.3	<1.3	<1.3	no standard	
trans-1,3-Dichloropropene	10061-02-6	<1.3	<1.3	<1.3	no standard	
Dichlorotetrafluoroethane	76-14-2	<2.0	<2.0	<2.0	no standard	
Ethanol	64-17-5	244	25.5	21.0	no standard	
Ethyl Acetate	141-78-6	2.8	1.3	<1.1	**3100**	
Ethylbenzene	100-41-4	2.8	2.6	2.1	**490**	c
4-Ethyltoluene	622-96-8	<1.4	<1.4	<1.4	no standard	
n-Heptane	142-82-5	<1.2	<1.2	<1.2	no standard	
Hexachloro-1,3-butadiene	87-68-3	<3.2	<3.2	<3.2	**56**	c
n-Hexane	110-54-3	1.6	<1.0	<1.0	**31000**	
2-Hexanone	591-78-6	<1.2	<1.2	<1.2	**1300**	
Methylene chloride	75-09-2	<5.1	<5.1	<5.1	**26000**	c
4-Methyl-2-pentanone (MIBK)	108-10-1	<1.2	<1.2	<1.2	**130000**	
Methyl-t-butyl ether	1634-04-4	<1.1	<1.1	<1.1	**4700**	c
Naphthalene	91-20-3	<3.8	<3.8	<3.8	**36**	c
2-Propanol	67-63-0	503	81	60.7	**310000**	
Propylene	115-07-1	<0.50	<0.50	<0.50	**3100**	
Styrene	100-42-5	<1.3	<1.3	<1.3	**44000**	
1,1,2,2-Tetrachloroethane	79-34-5	<1.0	<1.0	<1.0	**21**	c
Tetrachloroethene	127-18-4	12.6	11.3	15.0	**1800**	c
Tetrahydrofuran	109-99-9	<0.86	<0.86	<0.86	no standard	
Toluene	108-88-3	4.8	79.2	129	**220000**	
1,2,4-Trichlorobenzene	120-82-1	<2.2	<2.2	<2.2	**880**	c
1,1,1-Trichloroethane	71-55-6	1980	18.3	4970	**220000**	
1,1,2-Trichloroethane	79-00-5	<0.79	<0.79	<0.79	**77**	c
Trichloroethene	79-01-6	5.4	4.0	4410	**88**	c
Trichlorofluoromethane	75-69-4	5.1	3.3	3.8	**31000**	
1,1,2-Trichlorotrifluoroethane	76-13-1	<2.3	<2.3	<2.3	**1300000**	
1,2,4-Trimethylbenzene	95-63-6	2.6	2.3	2.5	**310**	
1,3,5-Trimethylbenzene	108-67-8	<1.4	<1.4	<1.4	no standard	
Vinyl acetate	108-05-4	2.2	<1.0	<1.0	**8800**	
Vinyl chloride	75-01-4	<0.37	<0.37	<0.37	**280**	c
m,p-Xylenes	179601-23-1	9.6	9.5	7.7	**4400**	
o-Xylene	95-47-6	2.1	2.1	1.9	**4400**	

Bold = Non-Residential Sub-Slab Exceedance

A.7 Water Level Elevations
MSF Corp. Site BRRT's# 02-41-242945
Cudahy, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	RW-1	PZ-4	PZ-5	Temp B1	Temp B5	Temp B6	Temp B8
Ground Surface (ft msl)	712.10	714.00	710.57	709.30	705.47	704.40	712.00	709.22	705.71	712.16	712.15	712.12	712.10
Top of PVC (ft msl)	714.79	717.16	710.08	709.04	704.96	704.08	714.85	708.89	705.27	712.30	712.11	712.07	712.06
Well Depth (ft)	20	27.5	17	20	14	17	15	44	40	15.5	NM	NM	NM
Top of Screen (ft msl)	702.10	706.50	703.57	NM	NM	NM	707.00	NM	NM	NM	NM	NM	NM
Bottom of Screen (ft msl)	692.10	686.50	693.57	689.30	691.47	687.40	697.00	665.22	665.00	696.66	NM	NM	NM

Date													
01/24/00	NI	NI	696.06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
01/26/00	NI	688.96	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
01/27/00	691.08	691.30	697.87	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
02/02/00	691.23	691.41	698.27	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
02/11/00	690.94	691.17	698.09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/18/00	NM	NM	NM	NI	NI	NI	NI	NI	NI	706.26	NI	NI	NI
04/21/00	699.65	699.15	698.70	NI	NI	NI	NI	NI	NI	709.19	NI	NI	NI
05/26/00	696.98	698.42	702.50	NI	NI	NI	NI	NI	NI	NM	NI	NI	NI
06/20/00	695.80	696.59	702.72	NI	NI	NI	NI	NI	NI	NM	NI	NI	NI
08/10/00	695.53	696.55	701.28	NI	NI	NI	NM	NI	NI	NM	NI	NI	NI
05/22/01	696.56	696.06	700.72	NI	NI	NI	NM	NI	NI	NM	704.92	705.79	704.73
05/21/09	700.53	702.33	702.47	695.63	697.34	668.38	NM	667.11	668.35	NM	NM	NM	NM
05/27/09	700.24	701.25	703.04	695.54	697.02	666.56	704.84	665.40	666.53	NM	NM	NM	NM
04/24/14	708.28	702.22	702.78	698.11	695.48	694.95	709.8	DRY	DRY	NM	NM	706.08	704.67

NI = Not Installed
NM = Not Measured

A.8 Other
Groundwater NA Indicator Results
MSF Corp. Site BRRT's# 02-41-242945

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	1.89	7.37	308	6.6	518	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	2.88	7.51	287	7.9	1501	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	4.13	7.12	342	6.5	1922	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	3.16	6.52	312	8.2	1535	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.8 Other
Groundwater NA Indicator Results
MSF Corp. Site BRRT's# 02-41-242945

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	0.32	7.44	271	7.8	1632	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	0.19	6.79	268	8.2	1362	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Temp Well B-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	COULD NOT MEASURE								
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Temp Well B-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/24/14	2.70	7.73	250	87.0	609	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

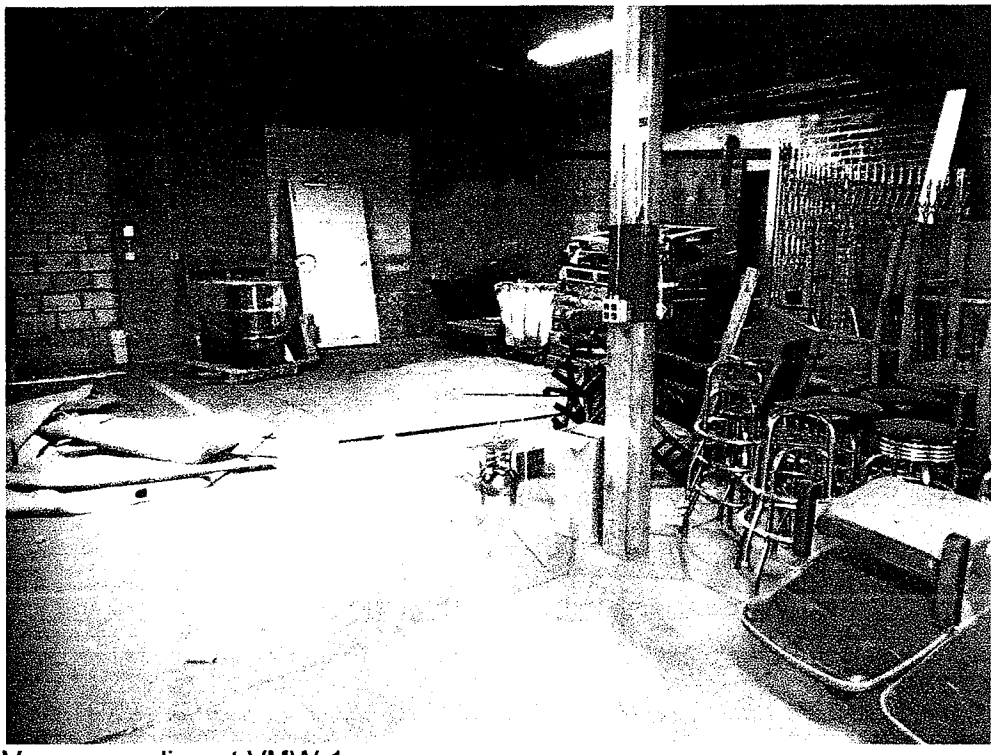

Photo 1: Vapor sampling at VMW-1.

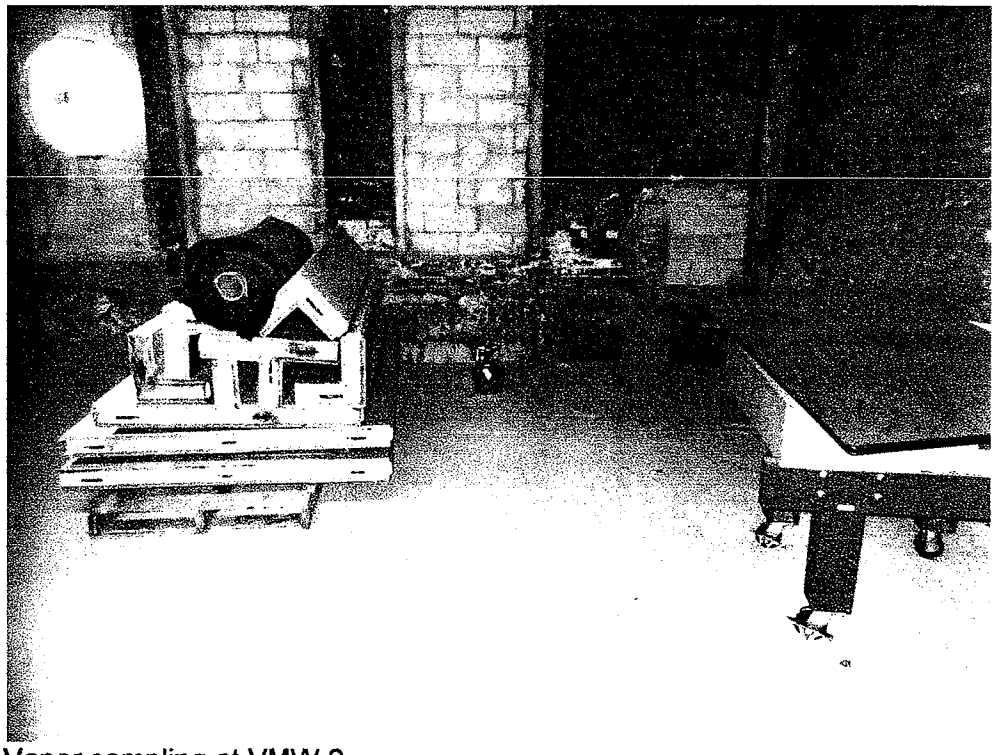

Photo 2: Vapor sampling at VMW-2.

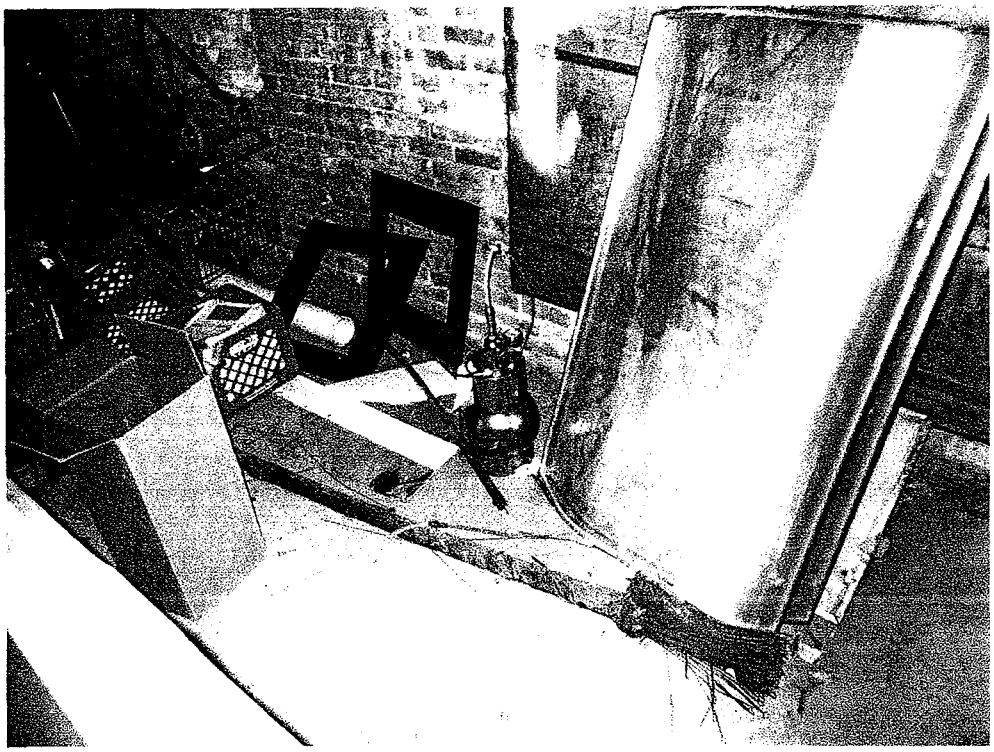

Photo 3: Vapor sampling at VMW-3.

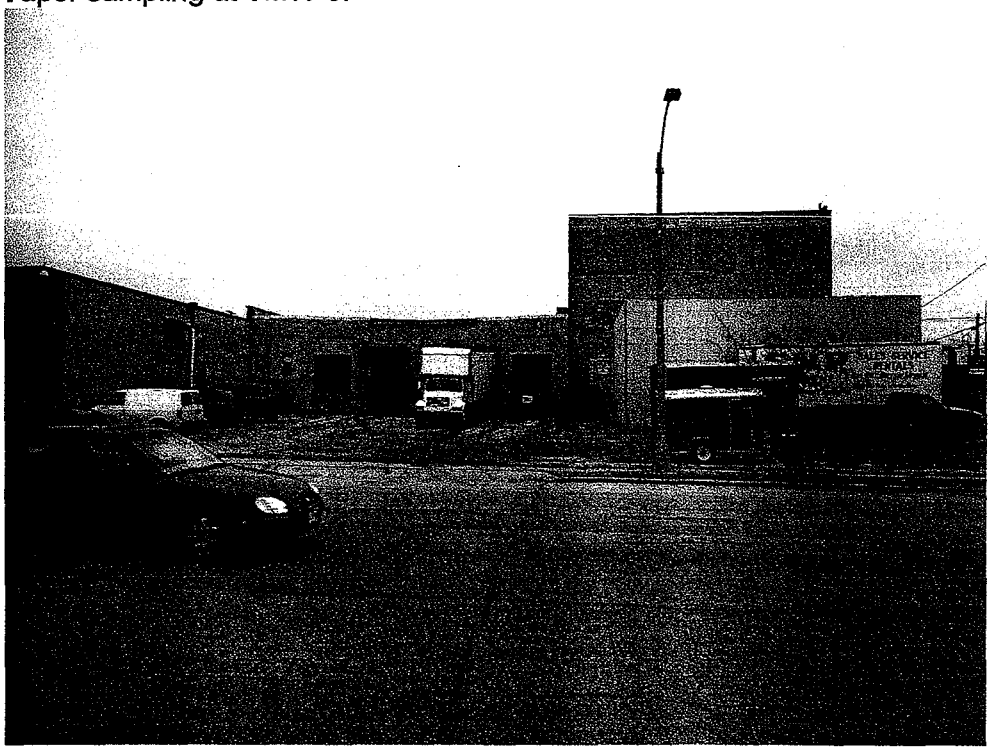

Photo 4: Looking west from Packard Avenue at north end of building.

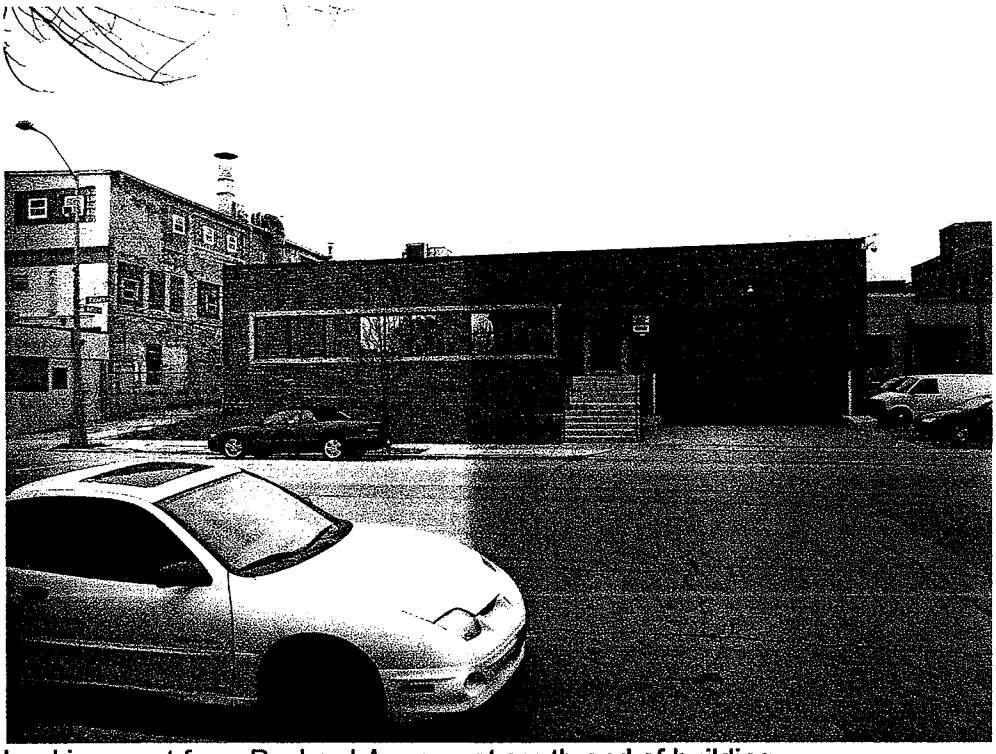

Photo 5: Looking west from Packard Avenue at south end of building.

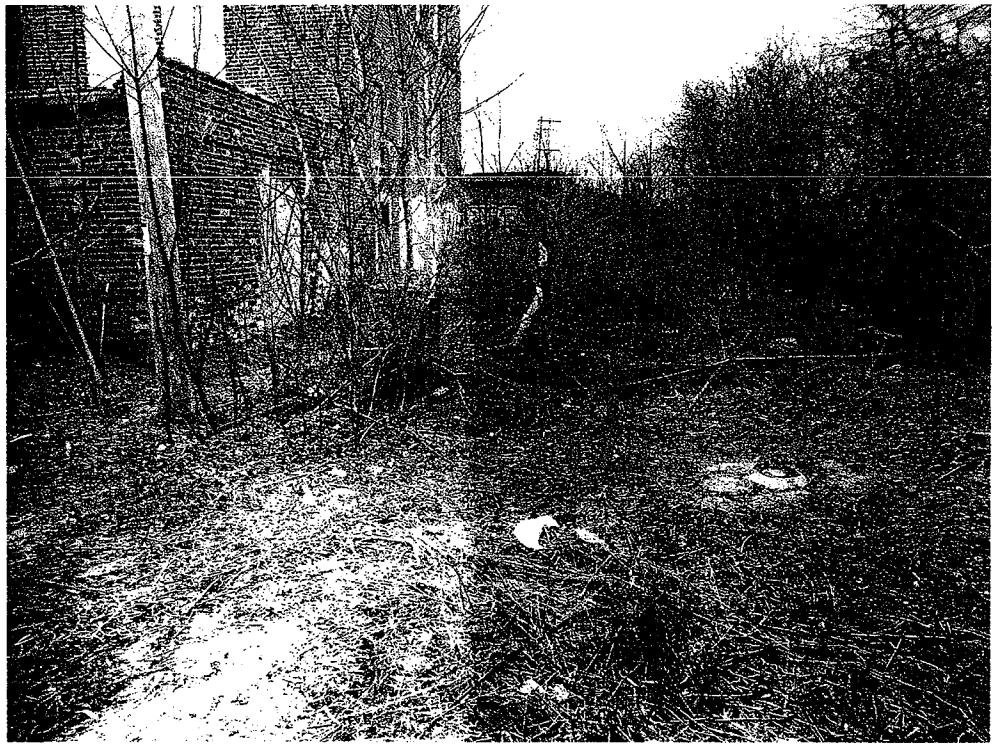

Photo 6: West end of building, looking south.

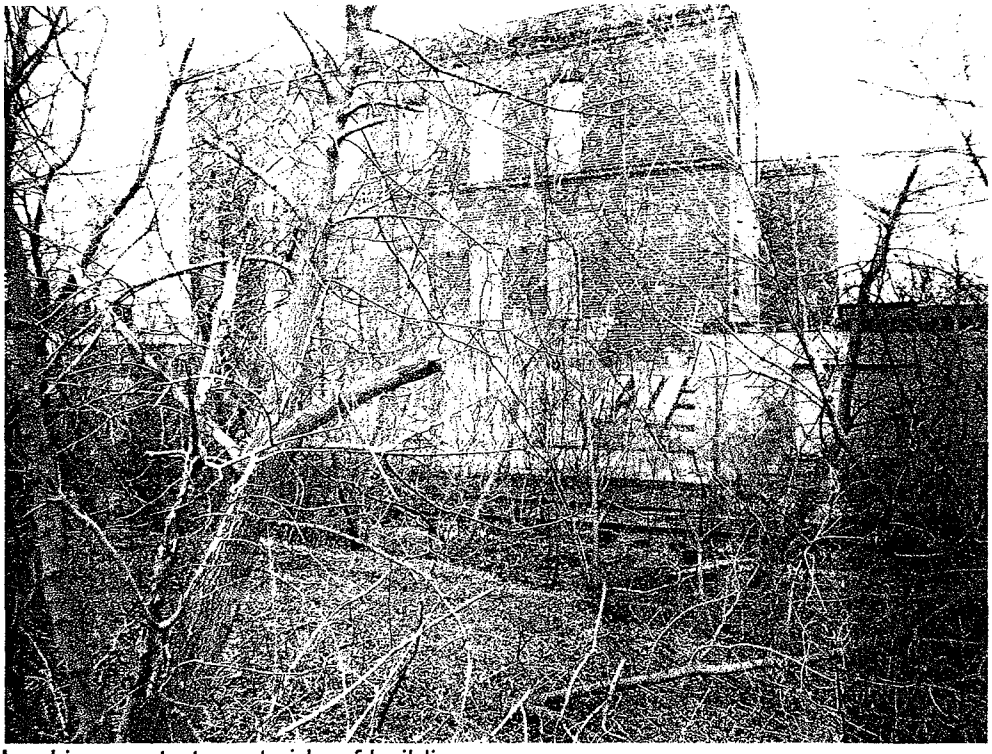

Photo 7: Looking east at west side of building.

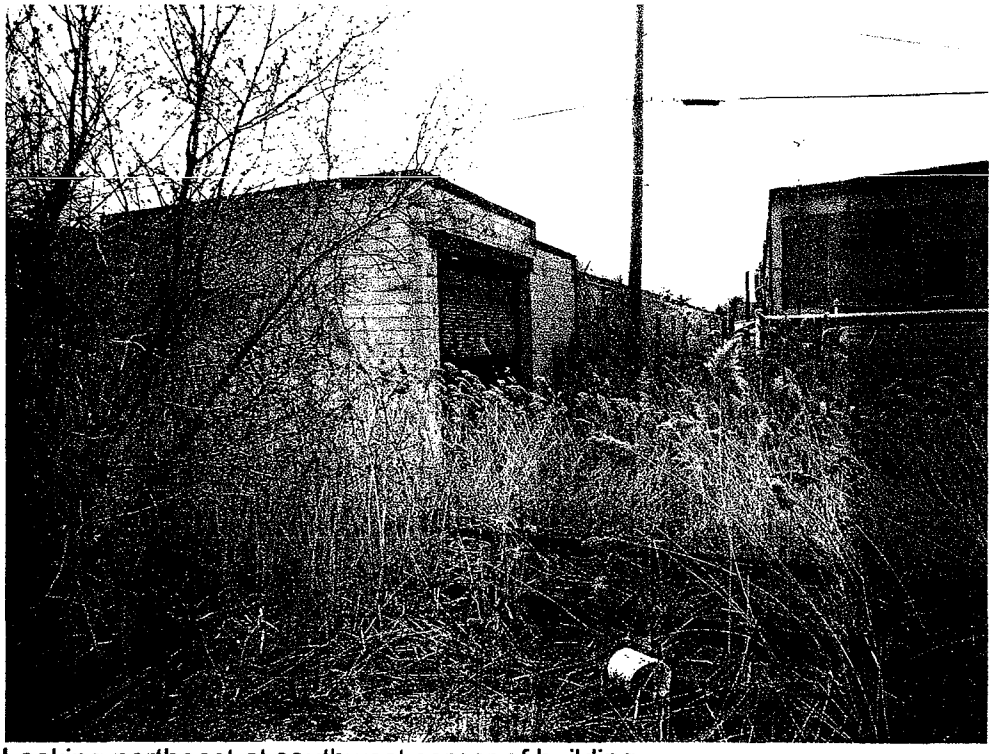

Photo 8: Looking northeast at southwest corner of building.

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

JASON POWELL
METCO
709 GILLETTE ST
LA CROSSE, WI 54603-2382

Report Date *07-May-14*

Project Name
Project #

Invoice # E26885

Lab Code 5026885A
Sample ID MW-4
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/2/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/2/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/2/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/2/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/2/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/2/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/2/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/2/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethane	1.95	ug/l	0.3	0.97	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethene	2.5	ug/l	0.4	1.3	1	8260B		5/2/2014	CJR	1
cis-1,2-Dichloroethene	1.23	ug/l	0.38	1.2	1	8260B		5/2/2014	CJR	1
trans-1,2-Dichloroethene	0.42 "J"	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/2/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/2/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/2/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1

Project Name
Project #

Invoice # E26885

Lab Code 5026885A
Sample ID MW-4
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/2/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/2/2014	CJR	1
Methyl tert-butyl ether (MTBE)	0.42 "J"	ug/l	0.23	0.74	1	8260B		5/2/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/2/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/2/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/2/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/2/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/2/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/2/2014	CJR	1
Trichloroethene (TCE)	8.6	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/2/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/2/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/2/2014	CJR	1
Vinyl Chloride	0.21 "J"	ug/l	0.18	0.57	1	8260B		5/2/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		5/2/2014	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/2/2014	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		5/2/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		5/2/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885B
Sample ID MW-2
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/2/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/2/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/2/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/2/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/2/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/2/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/2/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/2/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethane	1.45	ug/l	0.3	0.97	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		5/2/2014	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		5/2/2014	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/2/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/2/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/2/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/2/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/2/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		5/2/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/2/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/2/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/2/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/2/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/2/2014	CJR	1
1,1,1-Trichloroethane	0.98 "J"	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/2/2014	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/2/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/2/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/2/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		5/2/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		5/2/2014	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		5/2/2014	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		5/2/2014	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B		5/2/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885C
Sample ID MW-6
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/2/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/2/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/2/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/2/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/2/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/2/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/2/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/2/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		5/2/2014	CJR	1
cis-1,2-Dichloroethene	4.9	ug/l	0.38	1.2	1	8260B		5/2/2014	CJR	1
trans-1,2-Dichloroethene	0.88 "J"	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/2/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/2/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/2/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/2/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/2/2014	CJR	1
Methyl tert-butyl ether (MTBE)	0.28 "J"	ug/l	0.23	0.74	1	8260B		5/2/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/2/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/2/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/2/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/2/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/2/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/2/2014	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/2/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/2/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/2/2014	CJR	1
Vinyl Chloride	0.41 "J"	ug/l	0.18	0.57	1	8260B		5/2/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		5/2/2014	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		5/2/2014	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		5/2/2014	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		5/2/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885D
Sample ID MW-5
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/2/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/2/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/2/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/2/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/2/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/2/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/2/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/2/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
1,2-Dichloroethane	0.73 "J"	ug/l	0.41	1.3	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethane	2.38	ug/l	0.3	0.97	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		5/2/2014	CJR	1
cis-1,2-Dichloroethene	2.29	ug/l	0.38	1.2	1	8260B		5/2/2014	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/2/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/2/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/2/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/2/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/2/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		5/2/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/2/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/2/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/2/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/2/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/2/2014	CJR	1
1,1,1-Trichloroethane	2.13	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/2/2014	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/2/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/2/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/2/2014	CJR	1
Vinyl Chloride	0.57	ug/l	0.18	0.57	1	8260B		5/2/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		5/2/2014	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		5/2/2014	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/2/2014	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		5/2/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885E
Sample ID MW-3
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/2/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/2/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/2/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/2/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/2/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/2/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/2/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/2/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethane	0.35 "J"	ug/l	0.3	0.97	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		5/2/2014	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		5/2/2014	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/2/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/2/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/2/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/2/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/2/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		5/2/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/2/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/2/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/2/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/2/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/2/2014	CJR	1
1,1,1-Trichloroethane	1.19	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/2/2014	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/2/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/2/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/2/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		5/2/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/2/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		5/2/2014	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		5/2/2014	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		5/2/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885F
Sample ID RW-1
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.4	ug/l	2.4	7.7	10	8260B		5/3/2014	CJR	1
Bromobenzene	< 3.2	ug/l	3.2	10	10	8260B		5/3/2014	CJR	1
Bromodichloromethane	< 3.7	ug/l	3.7	12	10	8260B		5/3/2014	CJR	1
Bromoform	< 3.5	ug/l	3.5	11	10	8260B		5/3/2014	CJR	1
tert-Butylbenzene	< 3.6	ug/l	3.6	12	10	8260B		5/3/2014	CJR	1
sec-Butylbenzene	< 3.3	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
n-Butylbenzene	< 3.5	ug/l	3.5	11	10	8260B		5/3/2014	CJR	1
Carbon Tetrachloride	< 3.3	ug/l	3.3	11	10	8260B		5/3/2014	CJR	1
Chlorobenzene	< 2.4	ug/l	2.4	7.7	10	8260B		5/3/2014	CJR	1
Chloroethane	< 6.3	ug/l	6.3	20	10	8260B		5/3/2014	CJR	1
Chloroform	< 2.8	ug/l	2.8	8.8	10	8260B		5/3/2014	CJR	1
Chloromethane	< 8.1	ug/l	8.1	26	10	8260B		5/3/2014	CJR	1
2-Chlorotoluene	< 2.1	ug/l	2.1	6.6	10	8260B		5/3/2014	CJR	1
4-Chlorotoluene	< 2.1	ug/l	2.1	6.8	10	8260B		5/3/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 8.8	ug/l	8.8	28	10	8260B		5/3/2014	CJR	1
Dibromochloromethane	< 2.2	ug/l	2.2	7	10	8260B		5/3/2014	CJR	1
1,4-Dichlorobenzene	< 3	ug/l	3	9.6	10	8260B		5/3/2014	CJR	1
1,3-Dichlorobenzene	< 2.8	ug/l	2.8	8.9	10	8260B		5/3/2014	CJR	1
1,2-Dichlorobenzene	< 3.6	ug/l	3.6	12	10	8260B		5/3/2014	CJR	1
Dichlorodifluoromethane	< 4.4	ug/l	4.4	14	10	8260B		5/3/2014	CJR	1
1,2-Dichloroethane	< 4.1	ug/l	4.1	13	10	8260B		5/3/2014	CJR	1
1,1-Dichloroethane	8.8 "J"	ug/l	3	9.7	10	8260B		5/3/2014	CJR	1
1,1-Dichloroethene	< 4	ug/l	4	13	10	8260B		5/3/2014	CJR	1
cis-1,2-Dichloroethene	< 3.8	ug/l	3.8	12	10	8260B		5/3/2014	CJR	1
trans-1,2-Dichloroethene	< 3.5	ug/l	3.5	11	10	8260B		5/3/2014	CJR	1
1,2-Dichloropropane	< 3.2	ug/l	3.2	10	10	8260B		5/3/2014	CJR	1
2,2-Dichloropropane	< 3.6	ug/l	3.6	12	10	8260B		5/3/2014	CJR	8
1,3-Dichloropropane	< 3.3	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
Di-isopropyl ether	< 2.3	ug/l	2.3	7.3	10	8260B		5/3/2014	CJR	1
EDB (1,2-Dibromoethane)	< 4.4	ug/l	4.4	14	10	8260B		5/3/2014	CJR	1
Ethylbenzene	< 5.5	ug/l	5.5	17	10	8260B		5/3/2014	CJR	1
Hexachlorobutadiene	< 15	ug/l	15	48	10	8260B		5/3/2014	CJR	1
Isopropylbenzene	< 3	ug/l	3	9.6	10	8260B		5/3/2014	CJR	1
p-Isopropyltoluene	< 3.1	ug/l	3.1	9.8	10	8260B		5/3/2014	CJR	1
Methylene chloride	< 5	ug/l	5	16	10	8260B		5/3/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.3	ug/l	2.3	7.4	10	8260B		5/3/2014	CJR	1
Naphthalene	< 17	ug/l	17	55	10	8260B		5/3/2014	CJR	1
n-Propylbenzene	< 2.5	ug/l	2.5	8.1	10	8260B		5/3/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 4.5	ug/l	4.5	14	10	8260B		5/3/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 3.3	ug/l	3.3	11	10	8260B		5/3/2014	CJR	1
Tetrachloroethene	70	ug/l	3.3	11	10	8260B		5/3/2014	CJR	1
Toluene	< 6.9	ug/l	6.9	22	10	8260B		5/3/2014	CJR	1
1,2,4-Trichlorobenzene	< 9.8	ug/l	9.8	31	10	8260B		5/3/2014	CJR	1
1,2,3-Trichlorobenzene	< 18	ug/l	18	58	10	8260B		5/3/2014	CJR	1
1,1,1-Trichloroethane	118	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
1,1,2-Trichloroethane	< 3.4	ug/l	3.4	11	10	8260B		5/3/2014	CJR	1
Trichloroethene (TCE)	60	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
Trichlorofluoromethane	< 7.1	ug/l	7.1	23	10	8260B		5/3/2014	CJR	1
1,2,4-Trimethylbenzene	< 22	ug/l	22	69	10	8260B		5/3/2014	CJR	1
1,3,5-Trimethylbenzene	< 14	ug/l	14	45	10	8260B		5/3/2014	CJR	1
Vinyl Chloride	< 1.8	ug/l	1.8	5.7	10	8260B		5/3/2014	CJR	1
m&p-Xylene	< 6.9	ug/l	6.9	22	10	8260B		5/3/2014	CJR	1
o-Xylene	< 6.3	ug/l	6.3	20	10	8260B		5/3/2014	CJR	1
SUR - Toluene-d8	94	REC %			10	8260B		5/3/2014	CJR	1
SUR - Dibromofluoromethane	97	REC %			10	8260B		5/3/2014	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			10	8260B		5/3/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			10	8260B		5/3/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885G
Sample ID MW-1
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/3/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/3/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/3/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/3/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/3/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/3/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/3/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/3/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/3/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/3/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/3/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/3/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/3/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/3/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/3/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/3/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/3/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/3/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/3/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/3/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		5/3/2014	CJR	1
1,1-Dichloroethane	0.94 "J"	ug/l	0.3	0.97	1	8260B		5/3/2014	CJR	1
1,1-Dichloroethene	1.13 "J"	ug/l	0.4	1.3	1	8260B		5/3/2014	CJR	1
cis-1,2-Dichloroethene	2.61	ug/l	0.38	1.2	1	8260B		5/3/2014	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		5/3/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/3/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/3/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/3/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/3/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/3/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/3/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/3/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/3/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/3/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/3/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		5/3/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/3/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/3/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/3/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/3/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/3/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/3/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/3/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/3/2014	CJR	1
1,1,1-Trichloroethane	102	ug/l	0.33	1	1	8260B		5/3/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/3/2014	CJR	1
Trichloroethene (TCE)	74	ug/l	0.33	1	1	8260B		5/3/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/3/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/3/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/3/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		5/3/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/3/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/3/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		5/3/2014	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		5/3/2014	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		5/3/2014	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		5/3/2014	CJR	1

Project Name
Project #

Invoice # E26885

Lab Code 5026885H
Sample ID TEMP WELL B-8
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 2.4	ug/l	2.4	7.7	10	8260B		5/3/2014	CJR	1
Bromobenzene	< 3.2	ug/l	3.2	10	10	8260B		5/3/2014	CJR	1
Bromodichloromethane	< 3.7	ug/l	3.7	12	10	8260B		5/3/2014	CJR	1
Bromoform	< 3.5	ug/l	3.5	11	10	8260B		5/3/2014	CJR	1
tert-Butylbenzene	< 3.6	ug/l	3.6	12	10	8260B		5/3/2014	CJR	1
sec-Butylbenzene	< 3.3	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
n-Butylbenzene	< 3.5	ug/l	3.5	11	10	8260B		5/3/2014	CJR	1
Carbon Tetrachloride	< 3.3	ug/l	3.3	11	10	8260B		5/3/2014	CJR	1
Chlorobenzene	< 2.4	ug/l	2.4	7.7	10	8260B		5/3/2014	CJR	1
Chloroethane	< 6.3	ug/l	6.3	20	10	8260B		5/3/2014	CJR	1
Chloroform	< 2.8	ug/l	2.8	8.8	10	8260B		5/3/2014	CJR	1
Chloromethane	< 8.1	ug/l	8.1	26	10	8260B		5/3/2014	CJR	1
2-Chlorotoluene	< 2.1	ug/l	2.1	6.6	10	8260B		5/3/2014	CJR	1
4-Chlorotoluene	< 2.1	ug/l	2.1	6.8	10	8260B		5/3/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 8.8	ug/l	8.8	28	10	8260B		5/3/2014	CJR	1
Dibromochloromethane	< 2.2	ug/l	2.2	7	10	8260B		5/3/2014	CJR	1
1,4-Dichlorobenzene	< 3	ug/l	3	9.6	10	8260B		5/3/2014	CJR	1
1,3-Dichlorobenzene	< 2.8	ug/l	2.8	8.9	10	8260B		5/3/2014	CJR	1
1,2-Dichlorobenzene	< 3.6	ug/l	3.6	12	10	8260B		5/3/2014	CJR	1
Dichlorodifluoromethane	< 4.4	ug/l	4.4	14	10	8260B		5/3/2014	CJR	1
1,2-Dichloroethane	< 4.1	ug/l	4.1	13	10	8260B		5/3/2014	CJR	1
1,1-Dichloroethane	18.4	ug/l	3	9.7	10	8260B		5/3/2014	CJR	1
1,1-Dichloroethene	27.7	ug/l	4	13	10	8260B		5/3/2014	CJR	1
cis-1,2-Dichloroethene	< 3.8	ug/l	3.8	12	10	8260B		5/3/2014	CJR	1
trans-1,2-Dichloroethene	< 3.5	ug/l	3.5	11	10	8260B		5/3/2014	CJR	1
1,2-Dichloropropane	< 3.2	ug/l	3.2	10	10	8260B		5/3/2014	CJR	1
2,2-Dichloropropane	< 3.6	ug/l	3.6	12	10	8260B		5/3/2014	CJR	8
1,3-Dichloropropane	< 3.3	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
Di-isopropyl ether	< 2.3	ug/l	2.3	7.3	10	8260B		5/3/2014	CJR	1
EDB (1,2-Dibromoethane)	< 4.4	ug/l	4.4	14	10	8260B		5/3/2014	CJR	1
Ethylbenzene	< 5.5	ug/l	5.5	17	10	8260B		5/3/2014	CJR	1
Hexachlorobutadiene	< 15	ug/l	15	48	10	8260B		5/3/2014	CJR	1
Isopropylbenzene	< 3	ug/l	3	9.6	10	8260B		5/3/2014	CJR	1
p-Isopropyltoluene	< 3.1	ug/l	3.1	9.8	10	8260B		5/3/2014	CJR	1
Methylene chloride	< 5	ug/l	5	16	10	8260B		5/3/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 2.3	ug/l	2.3	7.4	10	8260B		5/3/2014	CJR	1
Naphthalene	< 17	ug/l	17	55	10	8260B		5/3/2014	CJR	1
n-Propylbenzene	< 2.5	ug/l	2.5	8.1	10	8260B		5/3/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 4.5	ug/l	4.5	14	10	8260B		5/3/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 3.3	ug/l	3.3	11	10	8260B		5/3/2014	CJR	1
Tetrachloroethene	13.9	ug/l	3.3	11	10	8260B		5/3/2014	CJR	1
Toluene	< 6.9	ug/l	6.9	22	10	8260B		5/3/2014	CJR	1
1,2,4-Trichlorobenzene	< 9.8	ug/l	9.8	31	10	8260B		5/3/2014	CJR	1
1,2,3-Trichlorobenzene	< 18	ug/l	18	58	10	8260B		5/3/2014	CJR	1
1,1,1-Trichloroethane	184	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
1,1,2-Trichloroethane	< 3.4	ug/l	3.4	11	10	8260B		5/3/2014	CJR	1
Trichloroethene (TCE)	62	ug/l	3.3	10	10	8260B		5/3/2014	CJR	1
Trichlorofluoromethane	< 7.1	ug/l	7.1	23	10	8260B		5/3/2014	CJR	1
1,2,4-Trimethylbenzene	< 22	ug/l	22	69	10	8260B		5/3/2014	CJR	1
1,3,5-Trimethylbenzene	< 14	ug/l	14	45	10	8260B		5/3/2014	CJR	1
Vinyl Chloride	< 1.8	ug/l	1.8	5.7	10	8260B		5/3/2014	CJR	1
m&p-Xylene	< 6.9	ug/l	6.9	22	10	8260B		5/3/2014	CJR	1
o-Xylene	< 6.3	ug/l	6.3	20	10	8260B		5/3/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			10	8260B		5/3/2014	CJR	1
SUR - Toluene-d8	94	REC %			10	8260B		5/3/2014	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			10	8260B		5/3/2014	CJR	1
SUR - Dibromofluoromethane	100	REC %			10	8260B		5/3/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885I
Sample ID TEMP WELL B-6
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 12	ug/l	12	38.5	50	8260B		5/3/2014	CJR	1
Bromobenzene	< 16	ug/l	16	50	50	8260B		5/3/2014	CJR	1
Bromodichloromethane	< 18.5	ug/l	18.5	60	50	8260B		5/3/2014	CJR	1
Bromoform	< 17.5	ug/l	17.5	55	50	8260B		5/3/2014	CJR	1
tert-Butylbenzene	< 18	ug/l	18	60	50	8260B		5/3/2014	CJR	1
sec-Butylbenzene	< 16.5	ug/l	16.5	50	50	8260B		5/3/2014	CJR	1
n-Butylbenzene	< 17.5	ug/l	17.5	55	50	8260B		5/3/2014	CJR	1
Carbon Tetrachloride	< 16.5	ug/l	16.5	55	50	8260B		5/3/2014	CJR	1
Chlorobenzene	< 12	ug/l	12	38.5	50	8260B		5/3/2014	CJR	1
Chloroethane	< 31.5	ug/l	31.5	100	50	8260B		5/3/2014	CJR	1
Chloroform	< 14	ug/l	14	44	50	8260B		5/3/2014	CJR	1
Chloromethane	< 40.5	ug/l	40.5	130	50	8260B		5/3/2014	CJR	2
2-Chlorotoluene	< 10.5	ug/l	10.5	33	50	8260B		5/3/2014	CJR	1
4-Chlorotoluene	< 10.5	ug/l	10.5	34	50	8260B		5/3/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 44	ug/l	44	140	50	8260B		5/3/2014	CJR	1
Dibromochloromethane	< 11	ug/l	11	35	50	8260B		5/3/2014	CJR	1
1,4-Dichlorobenzene	< 15	ug/l	15	48	50	8260B		5/3/2014	CJR	1
1,3-Dichlorobenzene	< 14	ug/l	14	44.5	50	8260B		5/3/2014	CJR	1
1,2-Dichlorobenzene	< 18	ug/l	18	60	50	8260B		5/3/2014	CJR	1
Dichlorodifluoromethane	< 22	ug/l	22	70	50	8260B		5/3/2014	CJR	1
1,2-Dichloroethane	< 20.5	ug/l	20.5	65	50	8260B		5/3/2014	CJR	1
1,1-Dichloroethane	29 "J"	ug/l	15	48.5	50	8260B		5/3/2014	CJR	1
1,1-Dichloroethene	32 "J"	ug/l	20	65	50	8260B		5/3/2014	CJR	1
cis-1,2-Dichloroethene	46 "J"	ug/l	19	60	50	8260B		5/3/2014	CJR	1
trans-1,2-Dichloroethene	< 17.5	ug/l	17.5	55	50	8260B		5/3/2014	CJR	1
1,2-Dichloropropane	< 16	ug/l	16	50	50	8260B		5/3/2014	CJR	1
2,2-Dichloropropane	< 18	ug/l	18	60	50	8260B		5/3/2014	CJR	8
1,3-Dichloropropane	< 16.5	ug/l	16.5	50	50	8260B		5/3/2014	CJR	1
Di-isopropyl ether	< 11.5	ug/l	11.5	36.5	50	8260B		5/3/2014	CJR	1
EDB (1,2-Dibromoethane)	< 22	ug/l	22	70	50	8260B		5/3/2014	CJR	1
Ethylbenzene	< 27.5	ug/l	27.5	85	50	8260B		5/3/2014	CJR	1
Hexachlorobutadiene	< 75	ug/l	75	240	50	8260B		5/3/2014	CJR	1
Isopropylbenzene	< 15	ug/l	15	48	50	8260B		5/3/2014	CJR	1
p-Isopropyltoluene	< 15.5	ug/l	15.5	49	50	8260B		5/3/2014	CJR	1
Methylene chloride	< 25	ug/l	25	80	50	8260B		5/3/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 11.5	ug/l	11.5	37	50	8260B		5/3/2014	CJR	1
Naphthalene	< 85	ug/l	85	275	50	8260B		5/3/2014	CJR	1
n-Propylbenzene	< 12.5	ug/l	12.5	40.5	50	8260B		5/3/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 22.5	ug/l	22.5	70	50	8260B		5/3/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 16.5	ug/l	16.5	55	50	8260B		5/3/2014	CJR	1
Tetrachloroethene	2130	ug/l	16.5	55	50	8260B		5/3/2014	CJR	1
Toluene	< 34.5	ug/l	34.5	110	50	8260B		5/3/2014	CJR	1
1,2,4-Trichlorobenzene	< 49	ug/l	49	155	50	8260B		5/3/2014	CJR	1
1,2,3-Trichlorobenzene	< 90	ug/l	90	290	50	8260B		5/3/2014	CJR	1
1,1,1-Trichloroethane	312	ug/l	16.5	50	50	8260B		5/3/2014	CJR	1
1,1,2-Trichloroethane	< 17	ug/l	17	55	50	8260B		5/3/2014	CJR	1
Trichloroethene (TCE)	400	ug/l	16.5	50	50	8260B		5/3/2014	CJR	1
Trichlorofluoromethane	< 35.5	ug/l	35.5	115	50	8260B		5/3/2014	CJR	1
1,2,4-Trimethylbenzene	< 110	ug/l	110	345	50	8260B		5/3/2014	CJR	1
1,3,5-Trimethylbenzene	< 70	ug/l	70	225	50	8260B		5/3/2014	CJR	1
Vinyl Chloride	< 9	ug/l	9	28.5	50	8260B		5/3/2014	CJR	1
m&p-Xylene	< 34.5	ug/l	34.5	110	50	8260B		5/3/2014	CJR	1
o-Xylene	< 31.5	ug/l	31.5	100	50	8260B		5/3/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			50	8260B		5/3/2014	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			50	8260B		5/3/2014	CJR	1
SUR - Dibromofluoromethane	97	REC %			50	8260B		5/3/2014	CJR	1
SUR - Toluene-d8	93	REC %			50	8260B		5/3/2014	CJR	1

Project Name **Invoice #** E26885
Project #

Lab Code 5026885J
Sample ID TB
Sample Matrix Water
Sample Date 4/24/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		5/2/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		5/2/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		5/2/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		5/2/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		5/2/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		5/2/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		5/2/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		5/2/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		5/2/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		5/2/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		5/2/2014	CJR	1
cis-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	8260B		5/2/2014	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		5/2/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		5/2/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		5/2/2014	CJR	8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		5/2/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		5/2/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		5/2/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		5/2/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		5/2/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		5/2/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		5/2/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		5/2/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		5/2/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		5/2/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		5/2/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1.1	1	8260B		5/2/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		5/2/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		5/2/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		5/2/2014	CJR	1
Trichloroethene (TCE)	< 0.33	ug/l	0.33	1	1	8260B		5/2/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		5/2/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		5/2/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		5/2/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		5/2/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		5/2/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		5/2/2014	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		5/2/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		5/2/2014	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		5/2/2014	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B		5/2/2014	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
2	Relative percent difference failed for laboratory spiked samples.
8	Closing calibration standard not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature *Michael Ricker*

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # № 252

Page 1 of 1

Sample Handling Request
_____ Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)
✓ Normal Turn Around

Lab I.D. #:
Account No.: | Quote No.:
Project #:
Sampler: (signature)

Project (Name / Location):

Reports To: Sal Purpora	Invoice To: METCO
Company	Company METCO
Address 5025 S Packard Ave	Address 709 Gillette St, Ste 3
City State Zip Cudahy, WI 53113	City State Zip LaCrosse, WI 54603
Phone 414-481-2121	Phone 608-781-8879
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
302555 D	MW-4	4-24	9:40		X	N	3	~~HCL~~GW	HCL
S	MW-2		12:50						
Q	MW-6		11:00						
A	MW-5		11:50						
B	MW-3		1:25						
F	RW-1		2:50						
G	MW-1		2:10						
H	Tempwell B-8		3:20						
I	Tempwell B-6		3:30						
J	TB						1		

Analysis Requested / Other Analysis

DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
											X		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Note. UnC Rates Apply but no charge for trip blank

Lab to send copy of Report to METCO/ Jason K. (Invoice to METCO)

Sample Integrity - To be completed by receiving lab
Method of Shipment: Driven
Temp. of Temp. Blank ____ °C On Ice: ✓
Cooler seal intact upon receipt: ✓ Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
[signature]	10:00	4-25-14			

Received in Laboratory By: [signature] Time: 10:00 Date: 4-26-14

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

May 14, 2014

Eric Dahl
METCO Environmental
709 Gillette St Ste 3
La Crosse, WI 54603

RE: Project: MSF Corp
Pace Project No.: 10265125

Dear Eric Dahl:
Enclosed are the analytical results for sample(s) received by the laboratory on April 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott Unze for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: MSF Corp
Pace Project No.: 10265125

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alabama Certification #40770
Alabama Certification #40770
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #: Pace
Georgia Certification #: 959
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
Wisconsin Certification #: 999407970
West Virginia Certification #: 382
West Virginia TO-15 Approval
West Virginia DHHR #:9952C

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: MSF Corp
Pace Project No.: 10265125

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10265125001	**VW-1**	Air	04/24/14 17:30	04/29/14 12:50
10265125002	**VW-2**	Air	04/24/14 17:34	04/29/14 12:50
10265125003	**VW-3**	Air	04/24/14 17:38	04/29/14 12:50

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SAMPLE ANALYTE COUNT

Project: MSF Corp
Pace Project No.: 10265125

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10265125001	**VW-1**	TO-15	JAM	61
10265125002	**VW-2**	TO-15	JAM	61
10265125003	**VW-3**	TO-15	JAM	61

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ANALYTICAL RESULTS

Project: MSF Corp
Pace Project No.: 10265125

Sample: VW-1 **Lab ID: 10265125001** Collected: 04/24/14 17:30 Received: 04/29/14 12:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**37.3**	ug/m3	3.5	1.44		05/12/14 01:00	67-64-1	
Benzene	**0.99**	ug/m3	0.47	1.44		05/12/14 01:00	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.44		05/12/14 01:00	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	1.44		05/12/14 01:00	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		05/12/14 01:00	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		05/12/14 01:00	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		05/12/14 01:00	106-99-0	
2-Butanone (MEK)	**5.4**	ug/m3	0.86	1.44		05/12/14 01:00	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	1.44		05/12/14 01:00	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.92	1.44		05/12/14 01:00	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		05/12/14 01:00	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		05/12/14 01:00	75-00-3	
Chloroform	ND	ug/m3	1.4	1.44		05/12/14 01:00	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		05/12/14 01:00	74-87-3	
Cyclohexane	**1.7**	ug/m3	1.0	1.44		05/12/14 01:00	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		05/12/14 01:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		05/12/14 01:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 01:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 01:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 01:00	106-46-7	
Dichlorodifluoromethane	**4.1**	ug/m3	1.5	1.44		05/12/14 01:00	75-71-8	
1,1-Dichloroethane	**445**	ug/m3	94.5	115.2		05/12/14 10:35	75-34-3	A3
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		05/12/14 01:00	107-06-2	
1,1-Dichloroethene	**2030**	ug/m3	93.3	115.2		05/12/14 10:35	75-35-4	A3
cis-1,2-Dichloroethene	**33.1**	ug/m3	1.2	1.44		05/12/14 01:00	156-59-2	
trans-1,2-Dichloroethene	**8.5**	ug/m3	1.2	1.44		05/12/14 01:00	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		05/12/14 01:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		05/12/14 01:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		05/12/14 01:00	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		05/12/14 01:00	76-14-2	
Ethanol	**244**	ug/m3	111	115.2		05/12/14 10:35	64-17-5	A3
Ethyl acetate	**2.8**	ug/m3	1.1	1.44		05/12/14 01:00	141-78-6	
Ethylbenzene	**2.8**	ug/m3	1.3	1.44		05/12/14 01:00	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		05/12/14 01:00	622-96-8	
n-Heptane	ND	ug/m3	1.2	1.44		05/12/14 01:00	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		05/12/14 01:00	87-68-3	
n-Hexane	**1.6**	ug/m3	1.0	1.44		05/12/14 01:00	110-54-3	
2-Hexanone	ND	ug/m3	1.2	1.44		05/12/14 01:00	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.44		05/12/14 01:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		05/12/14 01:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		05/12/14 01:00	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.44		05/12/14 01:00	91-20-3	
2-Propanol	**503**	ug/m3	144	115.2		05/12/14 10:35	67-63-0	A3
Propylene	ND	ug/m3	0.50	1.44		05/12/14 01:00	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		05/12/14 01:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		05/12/14 01:00	79-34-5	
Tetrachloroethene	**12.6**	ug/m3	0.99	1.44		05/12/14 01:00	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: MSF Corp
Pace Project No.: 10265125

Sample: VW-1 **Lab ID: 10265125001** Collected: 04/24/14 17:30 Received: 04/29/14 12:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		05/12/14 01:00	109-99-9	
Toluene	**4.8**	ug/m3	1.1	1.44		05/12/14 01:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		05/12/14 01:00	120-82-1	
1,1,1-Trichloroethane	**1980**	ug/m3	128	115.2		05/12/14 10:35	71-55-6	A3
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		05/12/14 01:00	79-00-5	
Trichloroethene	**5.4**	ug/m3	0.79	1.44		05/12/14 01:00	79-01-6	
Trichlorofluoromethane	**5.1**	ug/m3	1.6	1.44		05/12/14 01:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		05/12/14 01:00	76-13-1	
1,2,4-Trimethylbenzene	**2.6**	ug/m3	1.4	1.44		05/12/14 01:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.44		05/12/14 01:00	108-67-8	
Vinyl acetate	**2.2**	ug/m3	1.0	1.44		05/12/14 01:00	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		05/12/14 01:00	75-01-4	
m&p-Xylene	**9.6**	ug/m3	2.5	1.44		05/12/14 01:00	179601-23-1	
o-Xylene	**2.1**	ug/m3	1.3	1.44		05/12/14 01:00	95-47-6	

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ANALYTICAL RESULTS

Project: MSF Corp
Pace Project No.: 10265125

Sample: VW-2 **Lab ID: 10265125002** Collected: 04/24/14 17:34 Received: 04/29/14 12:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**656**	ug/m3	3.5	1.44		05/12/14 00:04	67-64-1	E
Benzene	**0.70**	ug/m3	0.47	1.44		05/12/14 00:04	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.44		05/12/14 00:04	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	1.44		05/12/14 00:04	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		05/12/14 00:04	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		05/12/14 00:04	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		05/12/14 00:04	106-99-0	
2-Butanone (MEK)	**5.8**	ug/m3	0.86	1.44		05/12/14 00:04	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	1.44		05/12/14 00:04	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.92	1.44		05/12/14 00:04	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		05/12/14 00:04	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		05/12/14 00:04	75-00-3	
Chloroform	ND	ug/m3	1.4	1.44		05/12/14 00:04	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		05/12/14 00:04	74-87-3	
Cyclohexane	ND	ug/m3	1.0	1.44		05/12/14 00:04	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		05/12/14 00:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		05/12/14 00:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 00:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 00:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 00:04	106-46-7	
Dichlorodifluoromethane	**3.4**	ug/m3	1.5	1.44		05/12/14 00:04	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		05/12/14 00:04	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		05/12/14 00:04	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		05/12/14 00:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		05/12/14 00:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		05/12/14 00:04	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		05/12/14 00:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		05/12/14 00:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		05/12/14 00:04	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		05/12/14 00:04	76-14-2	
Ethanol	**25.5**	ug/m3	1.4	1.44		05/12/14 00:04	64-17-5	
Ethyl acetate	**1.3**	ug/m3	1.1	1.44		05/12/14 00:04	141-78-6	
Ethylbenzene	**2.6**	ug/m3	1.3	1.44		05/12/14 00:04	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		05/12/14 00:04	622-96-8	
n-Heptane	ND	ug/m3	1.2	1.44		05/12/14 00:04	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		05/12/14 00:04	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		05/12/14 00:04	110-54-3	
2-Hexanone	ND	ug/m3	1.2	1.44		05/12/14 00:04	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.44		05/12/14 00:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		05/12/14 00:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		05/12/14 00:04	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.44		05/12/14 00:04	91-20-3	
2-Propanol	**81.0**	ug/m3	1.8	1.44		05/12/14 00:04	67-63-0	
Propylene	ND	ug/m3	0.50	1.44		05/12/14 00:04	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		05/12/14 00:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		05/12/14 00:04	79-34-5	
Tetrachloroethene	**11.3**	ug/m3	0.99	1.44		05/12/14 00:04	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: MSF Corp
Pace Project No.: 10265125

Sample: VW-2 **Lab ID: 10265125002** Collected: 04/24/14 17:34 Received: 04/29/14 12:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		05/12/14 00:04	109-99-9	
Toluene	**79.2**	ug/m3	1.1	1.44		05/12/14 00:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		05/12/14 00:04	120-82-1	
1,1,1-Trichloroethane	**18.3**	ug/m3	1.6	1.44		05/12/14 00:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		05/12/14 00:04	79-00-5	
Trichloroethene	**4.0**	ug/m3	0.79	1.44		05/12/14 00:04	79-01-6	
Trichlorofluoromethane	**3.3**	ug/m3	1.6	1.44		05/12/14 00:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		05/12/14 00:04	76-13-1	
1,2,4-Trimethylbenzene	**2.3**	ug/m3	1.4	1.44		05/12/14 00:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.44		05/12/14 00:04	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		05/12/14 00:04	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		05/12/14 00:04	75-01-4	
m&p-Xylene	**9.5**	ug/m3	2.5	1.44		05/12/14 00:04	179601-23-1	
o-Xylene	**2.1**	ug/m3	1.3	1.44		05/12/14 00:04	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MSF Corp
Pace Project No.: 10265125

Sample: VW-3 **Lab ID: 10265125003** Collected: 04/24/14 17:38 Received: 04/29/14 12:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**88.8**	ug/m3	3.5	1.44		05/12/14 00:32	67-64-1	
Benzene	**0.67**	ug/m3	0.47	1.44		05/12/14 00:32	71-43-2	
Benzyl chloride	ND	ug/m3	3.8	1.44		05/12/14 00:32	100-44-7	
Bromodichloromethane	ND	ug/m3	2.0	1.44		05/12/14 00:32	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		05/12/14 00:32	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		05/12/14 00:32	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		05/12/14 00:32	106-99-0	
2-Butanone (MEK)	**1.8**	ug/m3	0.86	1.44		05/12/14 00:32	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	1.44		05/12/14 00:32	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.92	1.44		05/12/14 00:32	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		05/12/14 00:32	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		05/12/14 00:32	75-00-3	
Chloroform	**2.6**	ug/m3	1.4	1.44		05/12/14 00:32	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		05/12/14 00:32	74-87-3	
Cyclohexane	ND	ug/m3	1.0	1.44		05/12/14 00:32	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		05/12/14 00:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		05/12/14 00:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 00:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 00:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		05/12/14 00:32	106-46-7	
Dichlorodifluoromethane	**10.1**	ug/m3	1.5	1.44		05/12/14 00:32	75-71-8	
1,1-Dichloroethane	**4.1**	ug/m3	1.2	1.44		05/12/14 00:32	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		05/12/14 00:32	107-06-2	
1,1-Dichloroethene	**27.6**	ug/m3	1.2	1.44		05/12/14 00:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		05/12/14 00:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		05/12/14 00:32	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		05/12/14 00:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		05/12/14 00:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		05/12/14 00:32	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		05/12/14 00:32	76-14-2	
Ethanol	**21.0**	ug/m3	1.4	1.44		05/12/14 00:32	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	1.44		05/12/14 00:32	141-78-6	
Ethylbenzene	**2.1**	ug/m3	1.3	1.44		05/12/14 00:32	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		05/12/14 00:32	622-96-8	
n-Heptane	ND	ug/m3	1.2	1.44		05/12/14 00:32	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		05/12/14 00:32	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		05/12/14 00:32	110-54-3	
2-Hexanone	ND	ug/m3	1.2	1.44		05/12/14 00:32	591-78-6	
Methylene Chloride	ND	ug/m3	5.1	1.44		05/12/14 00:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		05/12/14 00:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		05/12/14 00:32	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.44		05/12/14 00:32	91-20-3	
2-Propanol	**60.7**	ug/m3	1.8	1.44		05/12/14 00:32	67-63-0	
Propylene	ND	ug/m3	0.50	1.44		05/12/14 00:32	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		05/12/14 00:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		05/12/14 00:32	79-34-5	
Tetrachloroethene	**15.0**	ug/m3	0.99	1.44		05/12/14 00:32	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: MSF Corp
Pace Project No.: 10265125

Sample: VW-3 **Lab ID: 10265125003** Collected: 04/24/14 17:38 Received: 04/29/14 12:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		05/12/14 00:32	109-99-9	
Toluene	**129**	ug/m3	1.1	1.44		05/12/14 00:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		05/12/14 00:32	120-82-1	
1,1,1-Trichloroethane	**4970**	ug/m3	511	460.8		05/13/14 01:19	71-55-6	A3
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		05/12/14 00:32	79-00-5	
Trichloroethene	**4410**	ug/m3	253	460.8		05/13/14 01:19	79-01-6	A3
Trichlorofluoromethane	**3.8**	ug/m3	1.6	1.44		05/12/14 00:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		05/12/14 00:32	76-13-1	
1,2,4-Trimethylbenzene	**2.5**	ug/m3	1.4	1.44		05/12/14 00:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.44		05/12/14 00:32	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		05/12/14 00:32	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		05/12/14 00:32	75-01-4	
m&p-Xylene	**7.7**	ug/m3	2.5	1.44		05/12/14 00:32	179601-23-1	
o-Xylene	**1.9**	ug/m3	1.3	1.44		05/12/14 00:32	95-47-6	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: MSF Corp
Pace Project No.: 10265125

QC Batch: AIR/20219 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10265125001, 10265125002, 10265125003

METHOD BLANK: 1677474 Matrix: Air
Associated Lab Samples: 10265125001, 10265125002, 10265125003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	05/11/14 13:43	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	05/11/14 13:43	
1,1,2-Trichloroethane	ug/m3	ND	0.55	05/11/14 13:43	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	05/11/14 13:43	
1,1-Dichloroethane	ug/m3	ND	0.82	05/11/14 13:43	
1,1-Dichloroethene	ug/m3	ND	0.81	05/11/14 13:43	
1,2,4-Trichlorobenzene	ug/m3	ND	1.5	05/11/14 13:43	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	05/11/14 13:43	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	05/11/14 13:43	
1,2-Dichlorobenzene	ug/m3	ND	1.2	05/11/14 13:43	
1,2-Dichloroethane	ug/m3	ND	0.41	05/11/14 13:43	
1,2-Dichloropropane	ug/m3	ND	0.94	05/11/14 13:43	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	05/11/14 13:43	
1,3-Butadiene	ug/m3	ND	0.45	05/11/14 13:43	
1,3-Dichlorobenzene	ug/m3	ND	1.2	05/11/14 13:43	
1,4-Dichlorobenzene	ug/m3	ND	1.2	05/11/14 13:43	
2-Butanone (MEK)	ug/m3	ND	0.60	05/11/14 13:43	
2-Hexanone	ug/m3	ND	0.83	05/11/14 13:43	
2-Propanol	ug/m3	ND	1.2	05/11/14 13:43	
4-Ethyltoluene	ug/m3	ND	1.0	05/11/14 13:43	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83	05/11/14 13:43	
Acetone	ug/m3	ND	2.4	05/11/14 13:43	
Benzene	ug/m3	ND	0.32	05/11/14 13:43	
Benzyl chloride	ug/m3	ND	2.6	05/11/14 13:43	
Bromodichloromethane	ug/m3	ND	1.4	05/11/14 13:43	
Bromoform	ug/m3	ND	2.1	05/11/14 13:43	
Bromomethane	ug/m3	ND	0.79	05/11/14 13:43	
Carbon disulfide	ug/m3	ND	0.63	05/11/14 13:43	
Carbon tetrachloride	ug/m3	ND	0.64	05/11/14 13:43	
Chlorobenzene	ug/m3	ND	0.94	05/11/14 13:43	
Chloroethane	ug/m3	ND	0.54	05/11/14 13:43	
Chloroform	ug/m3	ND	0.99	05/11/14 13:43	
Chloromethane	ug/m3	ND	0.42	05/11/14 13:43	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	05/11/14 13:43	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	05/11/14 13:43	
Cyclohexane	ug/m3	ND	0.70	05/11/14 13:43	
Dibromochloromethane	ug/m3	ND	1.7	05/11/14 13:43	
Dichlorodifluoromethane	ug/m3	ND	1.0	05/11/14 13:43	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	05/11/14 13:43	
Ethanol	ug/m3	ND	0.96	05/11/14 13:43	
Ethyl acetate	ug/m3	ND	0.73	05/11/14 13:43	
Ethylbenzene	ug/m3	ND	0.88	05/11/14 13:43	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	05/11/14 13:43	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: MSF Corp
Pace Project No.: 10265125

METHOD BLANK: 1677474 Matrix: Air
Associated Lab Samples: 10265125001, 10265125002, 10265125003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/m3	ND	1.8	05/11/14 13:43	
Methyl-tert-butyl ether	ug/m3	ND	0.73	05/11/14 13:43	
Methylene Chloride	ug/m3	ND	3.5	05/11/14 13:43	
n-Heptane	ug/m3	ND	0.83	05/11/14 13:43	
n-Hexane	ug/m3	ND	0.72	05/11/14 13:43	
Naphthalene	ug/m3	ND	2.7	05/11/14 13:43	
o-Xylene	ug/m3	ND	0.88	05/11/14 13:43	
Propylene	ug/m3	ND	0.35	05/11/14 13:43	
Styrene	ug/m3	ND	0.87	05/11/14 13:43	
Tetrachloroethene	ug/m3	ND	0.69	05/11/14 13:43	
Tetrahydrofuran	ug/m3	ND	0.60	05/11/14 13:43	
Toluene	ug/m3	ND	0.77	05/11/14 13:43	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	05/11/14 13:43	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	05/11/14 13:43	
Trichloroethene	ug/m3	ND	0.55	05/11/14 13:43	
Trichlorofluoromethane	ug/m3	ND	1.1	05/11/14 13:43	
Vinyl acetate	ug/m3	ND	0.72	05/11/14 13:43	
Vinyl chloride	ug/m3	ND	0.26	05/11/14 13:43	

LABORATORY CONTROL SAMPLE: 1677475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	55.5	100	72-128	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	82.6	118	72-136	
1,1,2-Trichloroethane	ug/m3	55.5	64.2	116	72-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	83.9	108	68-126	
1,1-Dichloroethane	ug/m3	41.2	48.6	118	68-128	
1,1-Dichloroethene	ug/m3	40.3	43.2	107	68-130	
1,2,4-Trichlorobenzene	ug/m3	75.5	81.4	108	30-150	
1,2,4-Trimethylbenzene	ug/m3	50	60.2	120	71-140	
1,2-Dibromoethane (EDB)	ug/m3	78.1	88.6	113	73-136	
1,2-Dichlorobenzene	ug/m3	61.2	72.6	119	63-150	
1,2-Dichloroethane	ug/m3	41.2	40.6	99	71-132	
1,2-Dichloropropane	ug/m3	47	56.1	119	72-130	
1,3,5-Trimethylbenzene	ug/m3	50	61.8	124	73-136	
1,3-Butadiene	ug/m3	22.5	27.5	122	72-130	
1,3-Dichlorobenzene	ug/m3	61.2	70.7	116	69-142	
1,4-Dichlorobenzene	ug/m3	61.2	70.6	115	65-142	
2-Butanone (MEK)	ug/m3	30	36.4	121	71-135	
2-Hexanone	ug/m3	41.7	54.7	131	75-133	
2-Propanol	ug/m3	25	32.2	129	68-135	
4-Ethyltoluene	ug/m3	50	63.1	126	73-134	
4-Methyl-2-pentanone (MIBK)	ug/m3	41.7	55.8	134	72-137	
Acetone	ug/m3	24.2	27.6	114	68-136	
Benzene	ug/m3	32.5	39.7	122	69-134	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: MSF Corp
Pace Project No.: 10265125

LABORATORY CONTROL SAMPLE: 1677475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzyl chloride	ug/m3	52.5	52.3	100	71-136	
Bromodichloromethane	ug/m3	68.2	74.0	109	74-129	
Bromoform	ug/m3	105	116	111	69-138	
Bromomethane	ug/m3	39.5	44.5	113	68-127	
Carbon disulfide	ug/m3	31.7	37.2	118	68-130	
Carbon tetrachloride	ug/m3	64	62.1	97	66-134	
Chlorobenzene	ug/m3	46.8	52.6	112	72-137	
Chloroethane	ug/m3	26.8	32.9	123	69-128	
Chloroform	ug/m3	49.7	54.4	110	72-127	
Chloromethane	ug/m3	21	22.4	107	69-125	
cis-1,2-Dichloroethene	ug/m3	40.3	50.3	125	71-135	
cis-1,3-Dichloropropene	ug/m3	46.2	58.8	127	74-134	
Cyclohexane	ug/m3	35	45.1	129	72-130	
Dibromochloromethane	ug/m3	86.6	93.6	108	73-133	
Dichlorodifluoromethane	ug/m3	50.3	50.6	101	69-125	
Dichlorotetrafluoroethane	ug/m3	71.1	76.2	107	68-128	
Ethanol	ug/m3	19.2	22.0	115	70-134	
Ethyl acetate	ug/m3	36.6	45.0	123	71-134	
Ethylbenzene	ug/m3	44.2	55.7	126	73-139	
Hexachloro-1,3-butadiene	ug/m3	108	124	114	30-150	
m&p-Xylene	ug/m3	44.2	54.5	123	73-139	
Methyl-tert-butyl ether	ug/m3	36.7	45.6	124	72-132	
Methylene Chloride	ug/m3	35.3	40.3	114	64-134	
n-Heptane	ug/m3	41.7	51.7	124	70-130	
n-Hexane	ug/m3	35.6	42.4	118	69-128	
Naphthalene	ug/m3	53.3	61.8	116	61-150	
o-Xylene	ug/m3	44.2	50.8	115	71-138	
Propylene	ug/m3	17.5	20.9	119	69-133	
Styrene	ug/m3	43.3	47.0	109	74-136	
Tetrachloroethene	ug/m3	69	72.5	105	69-136	
Tetrahydrofuran	ug/m3	30	42.1	140	73-131	L1
Toluene	ug/m3	38.3	46.0	120	67-133	
trans-1,2-Dichloroethene	ug/m3	40.3	47.5	118	70-131	
trans-1,3-Dichloropropene	ug/m3	46.2	61.0	132	72-135	
Trichloroethene	ug/m3	54.6	61.9	113	70-135	
Trichlorofluoromethane	ug/m3	57.1	55.4	97	67-125	
Vinyl acetate	ug/m3	35.8	45.7	128	72-133	
Vinyl chloride	ug/m3	26	31.2	120	69-132	

SAMPLE DUPLICATE: 1678295

Parameter	Units	10264597004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.5	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.97	ND		25	
1,1,2-Trichloroethane	ug/m3	<0.76	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<2.2	ND		25	
1,1-Dichloroethane	ug/m3	<1.1	ND		25	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: MSF Corp
Pace Project No.: 10265125

SAMPLE DUPLICATE: 1678295

Parameter	Units	10264597004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	<1.1	ND		25	
1,2,4-Trichlorobenzene	ug/m3	<2.1	ND		25	
1,2,4-Trimethylbenzene	ug/m3	2.7	2.8	5	25	
1,2-Dibromoethane (EDB)	ug/m3	<2.2	ND		25	
1,2-Dichlorobenzene	ug/m3	<1.7	ND		25	
1,2-Dichloroethane	ug/m3	<0.57	ND		25	
1,2-Dichloropropane	ug/m3	<1.3	ND		25	
1,3,5-Trimethylbenzene	ug/m3	<1.4	ND		25	
1,3-Butadiene	ug/m3	<0.63	ND		25	
1,3-Dichlorobenzene	ug/m3	<1.7	ND		25	
1,4-Dichlorobenzene	ug/m3	<1.7	ND		25	
2-Butanone (MEK)	ug/m3	8.4	9.1	8	25	
2-Hexanone	ug/m3	<1.2	.64J		25	
2-Propanol	ug/m3	2.0	1.8	8	25	
4-Ethyltoluene	ug/m3	<1.4	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<1.2	ND		25	
Acetone	ug/m3	15.3	16.3	6	25	
Benzene	ug/m3	<0.45	.44J		25	
Benzyl chloride	ug/m3	<3.7	ND		25	
Bromodichloromethane	ug/m3	<1.9	ND		25	
Bromoform	ug/m3	<2.9	ND		25	
Bromomethane	ug/m3	<1.1	ND		25	
Carbon disulfide	ug/m3	<0.88	ND		25	
Carbon tetrachloride	ug/m3	<0.89	ND		25	
Chlorobenzene	ug/m3	<1.3	ND		25	
Chloroethane	ug/m3	<0.75	ND		25	
Chloroform	ug/m3	<1.4	ND		25	
Chloromethane	ug/m3	1.1	1.1	5	25	
cis-1,2-Dichloroethene	ug/m3	1.3	1.3	3	25	
cis-1,3-Dichloropropene	ug/m3	<1.3	ND		25	
Cyclohexane	ug/m3	<0.97	.52J		25	
Dibromochloromethane	ug/m3	<2.4	ND		25	
Dichlorodifluoromethane	ug/m3	9.3	2.4	117	25	R1
Dichlorotetrafluoroethane	ug/m3	<2.0	ND		25	
Ethanol	ug/m3	3.6	3.6	.2	25	
Ethyl acetate	ug/m3	<1.0	ND		25	
Ethylbenzene	ug/m3	<1.2	1.1J		25	
Hexachloro-1,3-butadiene	ug/m3	<3.1	ND		25	
m&p-Xylene	ug/m3	4.7	4.9	3	25	
Methyl-tert-butyl ether	ug/m3	<1.0	ND		25	
Methylene Chloride	ug/m3	5.3	5.3	1	25	
n-Heptane	ug/m3	<1.2	ND		25	
n-Hexane	ug/m3	<1.0	.69J		25	
Naphthalene	ug/m3	<3.7	3.6J		25	
o-Xylene	ug/m3	1.7	1.8	5	25	
Propylene	ug/m3	<0.49	ND		25	
Styrene	ug/m3	<1.2	ND		25	
Tetrachloroethene	ug/m3	<0.96	ND		25	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: MSF Corp
Pace Project No.: 10265125

SAMPLE DUPLICATE: 1678295

Parameter	Units	10264597004 Result	Dup Result	RPD	Max RPD	Qualifiers
Tetrahydrofuran	ug/m3	<0.83	ND		25	
Toluene	ug/m3	2.0	2.0	3	25	
trans-1,2-Dichloroethene	ug/m3	<1.1	ND		25	
trans-1,3-Dichloropropene	ug/m3	<1.3	ND		25	
Trichloroethene	ug/m3	2.6	2.8	6	25	
Trichlorofluoromethane	ug/m3	<1.6	1.3J		25	
Vinyl acetate	ug/m3	2.2	2.4	8	25	
Vinyl chloride	ug/m3	<0.36	ND		25	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: MSF Corp
Pace Project No.: 10265125

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
R1	RPD value was outside control limits.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MSF Corp
Pace Project No.: 10265125

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10265125001	**VW-1**	TO-15	AIR/20219		
10265125002	**VW-2**	TO-15	AIR/20219		
10265125003	**VW-3**	TO-15	AIR/20219		

10265125

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

13109

Page: 1 of 1

Section A Required Client Information:

Company: Sal Purpora
Address: 5025 S. Packard Ave
Cudahy, WI 53113
Email To:
Phone: 414-481-2121 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Sal Pupora
Copy To: METCO
Purchase Order No.:
Project Name: MSF Corp
Project Number:

Section C Invoice Information:

Attention:
Company Name: METCO
Address: 709 Gillette St., Ste 3, LaCrosse, WI 54601
Pace Quote Reference: 00012734
Pace Project Manager/Sales Rep. Michael Dew
Pace Profile #:

Program: UST | Superfund | Emissions | Clean Air Act | Voluntary Clean Up | Dry Clean | RCRA | Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. X III. ___ IV. ___ Other ___

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	VW-1	6LC		4-24-14	9:47am	4-24-14	5:30pm	-28	-2	2058	0434							X			001
2	VW-2	↓		↓	9:48am	↓	5:34pm	-30	-4	2030	0411							X			002
3	VW-3	↓		↓	9:48am	↓	5:38pm	-30	-2	0937	0237							X			003
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Comments:

Please call METCO/Jason P. with any questions.

Lab to send copy of Report to METCO/Jason P. (Invoice to METCO)

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Matthew C Michalski (METCO)	4-25-14	10:00 am	Pace	4/29/14	1250

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
Avg	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Matthew C. Michalski

SIGNATURE of SAMPLER: Matthew C Michalski DATE Signed (MM / DD / YY): 4-25-14

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26Dec2013 Page 1 of 1
	Document No.: F-MN-A-106-rev.09	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Metco

Project #: WO#: 10265125

10265125

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 5979 6582 2483

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): — **Corrected Temp (°C):** — **Thermom. Used:** ☐ B88A912167504 ☐ B88A9132521491 ☐ 72337080 ☐ 80512447

Temp should be above freezing to 6°C **Correction Factor:** — **Date & Initials of Person Examining Contents:** 4/29/14

Type of ice Received ☐ Blue ☐ Wet ☒ None

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Media: air can				11.
Sample Labels Match COC?	☐ Yes	☑ No	☐ N/A	12. can tags blank matched up by can #'s on COC

Samples Received:

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
VW-1	2058		0434		
VW-2	2035		0411		
VW-3	0937		0237		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: [signature] **Date:** 4/29/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)