153 Fillmore Avenue Site
2009 Annual Report
Monitoring and Sampling Results

City of Tonawanda

January 2010

Amherst, New York

Stearns & Wheler
Companies

153 FILLMORE AVENUE SITE
2009 ANNUAL REPORT
MONITORING AND SAMPLING RESULTS

CITY OF TONAWANDA

Prepared by:

STEARNS & WHELER, LLC
Environmental Engineers and Scientists
University Centre, Suite 100
415 North French Road
Amherst, New York 14228

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SECTION 1 - SITE BACKGROUND

1.1 Site Location

The site is located at the intersection of Fillmore Avenue and Freemont Street in the City of Tonawanda (Figure 1). The 1.7-acre parcel is bounded on the east by an active railroad line, to the north and south by small commercial/industrial operations, and on the west by Fillmore Avenue. The subject property is located in a small industrial area adjacent to a residential neighborhood.

1.2 Site History

City directories for the period between 1946 to 1957, list Tonawanda Roofing and Paint Company at 141 Fillmore Avenue (adjacent property immediately north of site) and National Manufacturing Corporation at 153 Fillmore under Roofing Materials and Supplies. This is consistent with reports from local workers in the area that roofing materials were produced at the National Manufacturing site and installed by Tonawanda Roofing and Paint. This is further supported by the presence of four large ASTs and associated piping on the site that contain heavy, viscous, tarlike material.

In 1957, National Manufacturing Corporation added paint manufacturing facilities at the subject property. Raw materials for paint production were shipped to the facility in bulk and were stored in above-ground storage tanks (ASTs) located in the tank rooms or underground storage tanks (USTs). The raw materials were transferred from the tank rooms to the manufacturing room where the paint was produced. The finished paint was then transferred to the warehouse where it was stored prior to shipment. National Manufacturing Corporation closed the facility in 1981.

In 1981, Envirotek Ltd, a solvent recycling company, reopened the facility as a Resource Conservation and Recovery Act (RCRA) treatment, storage, and disposal (TSD) facility. Containers of RCRA hazardous wastes were transported to the facility where they were stored pending reshipment to a RCRA disposal facility. Containers of RCRA characteristic ignitable, corrosive, and toxic hazardous wastes were stored at the facility from 1981 to 1986. A number of containers were left at the facility when Envirotek Ltd abandoned the facility in 1988.

NYSDEC contacted the United States Environmental Protection Agency (USEPA) concerning the subject property on June 29, 1987. The USEPA conducted a preliminary assessment (PA)

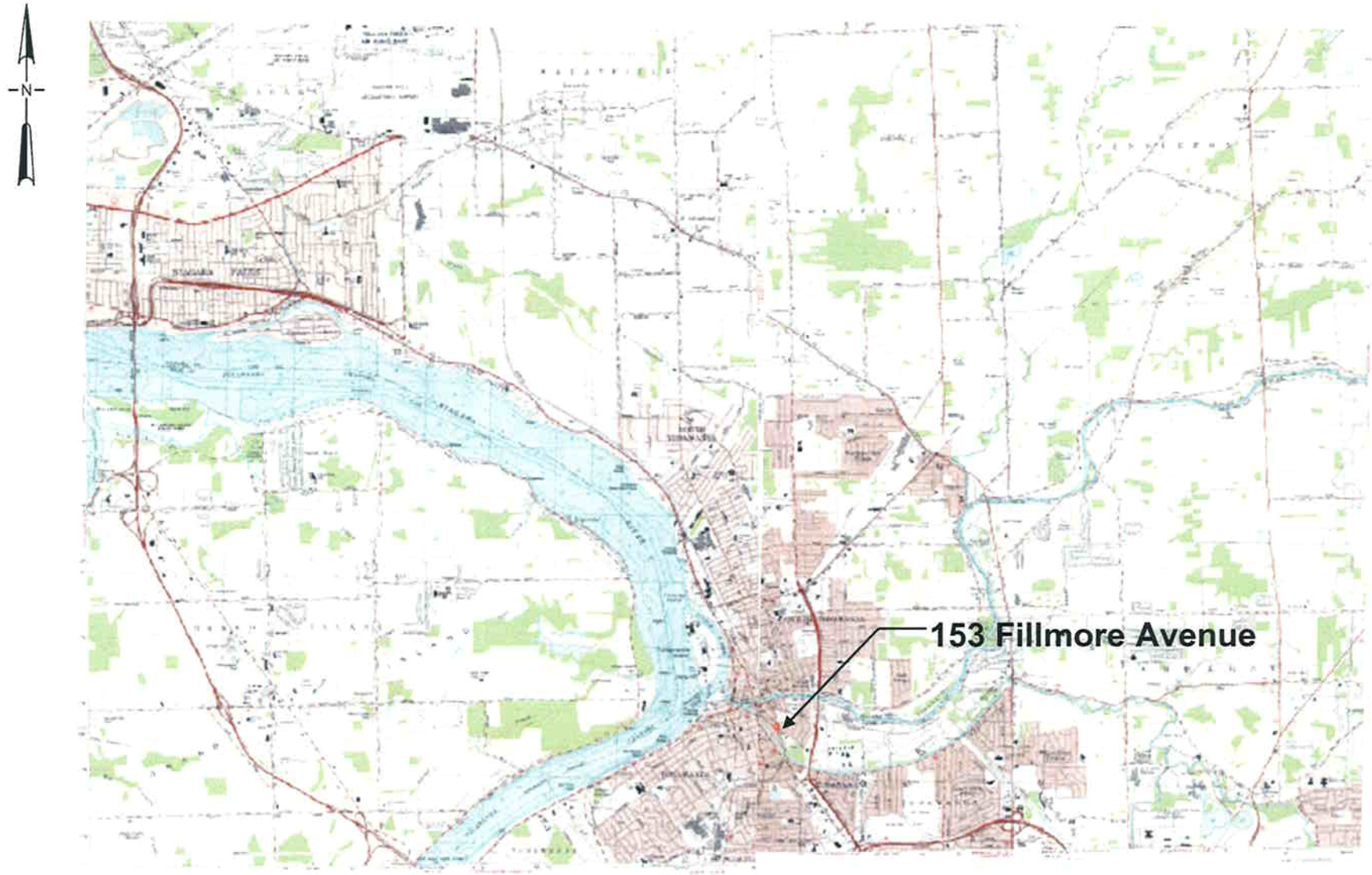

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FIGURE 1
SITE LOCATION MAP

under the Comprehensive Environmental Response, Compensation and Liabilities Act (CERCLA) on November 29-30, 1988 to determine if the subject property should be included on the National Priority List (NPL). The PA disclosed that an estimated 770 55-gallon drums and 1,000 smaller containers of RCRA flammable, combustible, and corrosive hazardous wastes that were present on the subject property. Several process vessels, four large ASTs, two UST's, and six transformers were also present at the subject property.

On July 18, 1989 the USEPA initiated remedial action activities at the site. These initial remedial action activities were completed on October 15, 1990, and included:

- the identification and categorization of all RCRA hazardous wastes;
- repackaging of 31,165 gallons of liquids and 11,655 pounds of solids and shipping off-site for incineration;
- repackaging 204 cubic yards of solids and shipping off-site for land disposal; and,
- repackaging 61,975 pounds of solids and shipping off-site for recycling.

A summary of remedial action activities are presented in a report entitled, "Federal On-Scene Coordinator's Report – Envirotek 1, Tonawanda, Erie County, New York," prepared by Roy F. Weston, Inc. and dated November 1990.

The NYSDEC conducted a limited site investigation in November 1997. This investigation was intended to determine if the site posed a significant threat to human health or the environment. This investigation consisted of the collection of soil samples from the site and surface water samples from Ellicott Creek.

The results of this investigation indicated no impairment of the Creek sediments or surface waters associated with the site. Analytical results of surface soils detected exceedances of NYSDEC soil cleanup objectives for (polynuclear aromatic hydrocarbons (PAHs), PCBs, and numerous metals. The highest concentrations were observed in the northeast corner of the site.

A Site Investigation/Remedial Alternatives Report was completed by URS Corporation in 2002 indicating that the primary contaminants on-site were volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). These contaminants were present in surface and subsurface soils, and groundwater. Some metals and minor concentrations of PCBs were detected in surface soils.

The remedial activities completed at 153 Fillmore Avenue were separated into two phases. Phase I, completed in 2001, consisted of the demolition and removal of various structures, the removal of three (3) underground storage tanks, backfilling with clean material, and the stockpiling of contaminated soil. Phase II, completed in October 2002, consisted of the following:

1. Excavation, removal, and disposal of contaminated soils from Phase I.
2. Decontamination and removal of four (4) above ground storage tanks.
3. Removal and disposal of ACM coatings on tanks.
4. Removal of piping, supports and associated structures.
5. Sampling, analysis, and characterization of site materials.
6. Removal and off-site disposal of 11.6 tons of hazardous materials
7. 200 CY of concrete crushed and placed as fill material.
8. Installation of 1-foot of clean cover material over the entire site of clay and topsoil.
9. Asphalt paving for two (2) parking areas.

A Site Management Plan was completed after Site Investigation/Remedial Alternatives Report detailing a Groundwater Monitoring Plan. The Groundwater Monitoring Plan requires annual sampling of the five down-gradient wells (MW-1 through MW-4) and MW-8 and biennial sampling of potential source wells (MW-5 through MW-7).

SECTION 2 – GROUNDWATER MONITORING ACTIVITIES

The 2009 monitoring program at the 153 Fillmore Avenue in the City of Tonawanda consisted of one annual sampling event completed on July 22 and 23 2009. Monitoring wells MW-1 and MW-2 were installed on July 8, 2009 near the location old, damaged wells previously installed in 2001. Geotechnical well installation logs for monitoring wells MW-1 and MW-2 are provided in Appendix A. Six groundwater samples were collected from monitoring wells MW-1, MW-2, MW-5, MW-6, MW-7, and MW-8, located on the perimeter of the property as presented in Figure 2.

Groundwater samples were collected using low-flow purging and sampling techniques. Prior to sampling, each monitoring well was purged using a peristaltic pump and dedicated tubing until parameters of pH, conductance, dissolved oxygen (DO), temperature, and oxidation-reduction potential (ORP) stabilized, which provided an indication that water drawn from the well is representative of the groundwater in the surrounding formation. Temperature was not measured due to field equipment error. The results of these field parameters are presented on Table 1. The groundwater field sampling logs that were used to record field information at each sampling point are provided in Appendix B. After the field parameters stabilized, samples were collected with a disposable bailer into sample containers provided by the laboratory.

Purge water generated during the groundwater sampling activities was emptied on-site away from the sampled well. Quality control samples, including a trip blank, a field blank, a matrix spike and matrix spike duplicate, and a field duplicate were collected during the sampling event. Samples were delivered under a chain of custody to Upstate Laboratories, Inc. of Syracuse, New York for analysis of VOCs, SVOCs and Target Analyte List (TAL) Metals under CLP protocols with ASP Deliverable B test results. Pesticides and PCBs were not required to be tested during the 2009 sampling event.

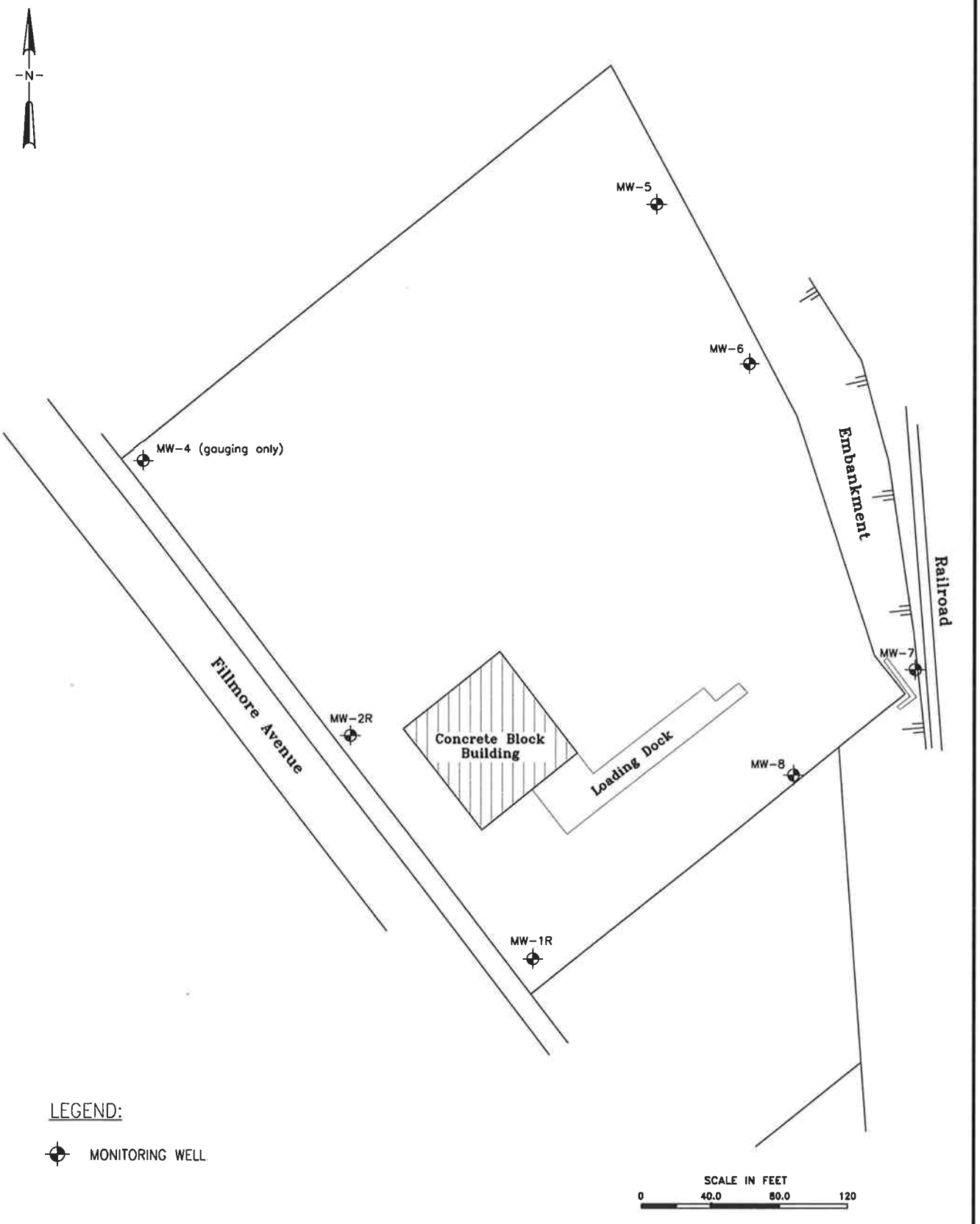

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FIGURE 2
MONITORING WELL LOCATIONS

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J:\70000\71164\WORD PROC\REPORTS\2008\FIGURE 1-2 MONITORING WELL LOCATIONS.DWG

SECTION 3 – GROUNDWATER MONITORING RESULTS

This section includes the results of the 2009 annual groundwater sampling event. Included are descriptions of site-specific hydrogeology, the identification and distribution of constitutes present in groundwater, and a comparison of historical data. Constitutes were compared to the applicable NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Groundwater Standards and Guidance Values.

3.1 Site Hydrogeology

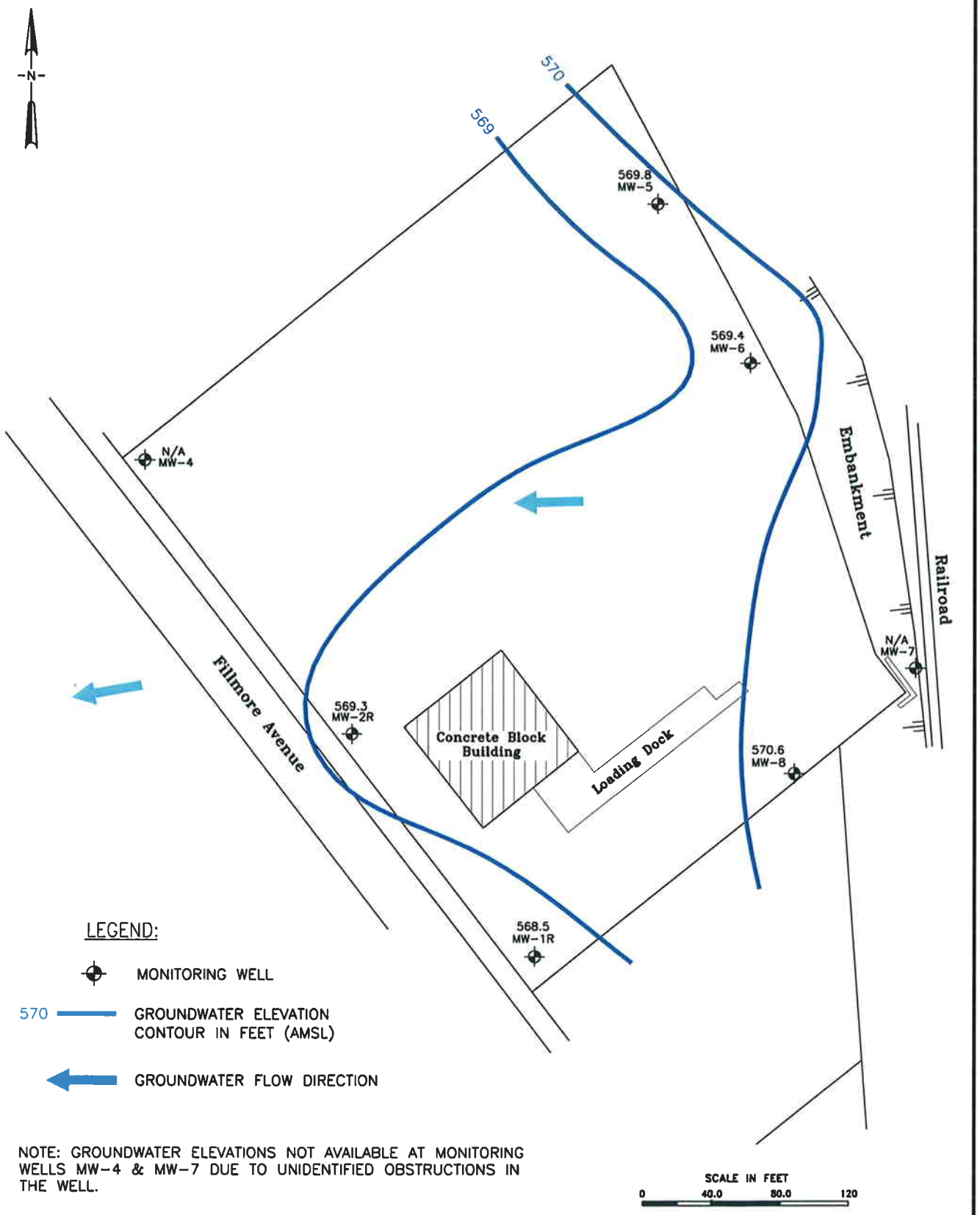
Groundwater levels were collected at each monitoring well and are presented in Table 5. Figure 3 illustrates the groundwater elevation contours based on the groundwater levels measured on July 22 and 23, 2008. The groundwater elevation data indicates that groundwater flows toward the west. The up gradient monitoring well is identified as monitoring well MW-7. Due to the limited number of monitoring points available, determination of exact groundwater flow direction can not be determined. A westward direction can be attributed to the available data.

3.2 Groundwater Analytical Results

A summary of the compounds detected in groundwater during the 2009 Groundwater Sampling Event is presented on Tables 2, 3 and 4. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Class GA was used for the reporting limits. The groundwater samples were analyzed for volatiles, semi-volatiles, and metals on the Target Compound List (TCL). Laboratory analytical data reports are provided in Appendix C. Historical groundwater analytical data is presented on Tables 2, 3 and 4.

3.2.1 Volatlile Organic Analytical Test Results

The volatile organic analytical test results for the sampling event of 2009 varied depending on the monitoring well and specific compounds detected in groundwater in comparison with previous sampling events. Results showed increasing and decreasing volatile organic concentrations when comparing test data from all sampling events. The volatile organic analytical test results detected concentrations of vinyl chloride (MW-2, MW-6, MW-7 and MW-8), benzene (MW-2, MW-7), trichloroethane (MW-7), trans-1,2-dichloroethene (MW-8), cis-1,2-dichloroethene (MW-1, MW-6, MW-7 and MW-8), exceeding groundwater quality standards as



NOTE: GROUNDWATER ELEVATIONS NOT AVAILABLE AT MONITORING WELLS MW-4 & MW-7 DUE TO UNIDENTIFIED OBSTRUCTIONS IN THE WELL.

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FIGURE 3
GROUNDWATER CONTOUR ELEVATIONS MAP

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J:\70000\71164\WORD PROC\REPORTS\2008\FIGURE 1-2 MONITORING WELL LOCATIONS.DWG

presented in Table 2. The groundwater sample from MW-7 was analyzed at a dilution factor of 5.

Detected concentrations of vinyl chloride increased in groundwater sampled from monitoring wells MW-2, MW-7 and MW-8, which represented concentrations above the groundwater quality standard. Concentrations of vinyl chloride were detected in groundwater sampled from monitoring well MW-7, which represents the first time vinyl chloride was detected since 2007. The concentration of vinyl chloride decreased at monitoring well MW-6, but remained above the groundwater quality standard. Detected concentrations of vinyl chloride exceeded groundwater quality standards for all sampling events in at least one well.

Concentrations of cis-1,2-dichloroethene increased in groundwater sampled from monitoring wells MW-7 and MW-8, which represented concentrations above or equal to the groundwater quality standard. The concentration of cis-1,2-dichloroethene decreased at monitoring wells MW-1 and MW-6, but remained above the groundwater quality standard. Detected concentrations of cis-1,2-dichloroethene exceeded groundwater quality standards for all sampling events in at least one well.

Concentrations of trans-1,2-dichloroethene increased in groundwater sampled at monitoring wells MW-2 and MW-6, but remain below the groundwater quality standard. The concentration of trans-1,2-dichloroethene at monitoring well MW-8 was unchanged from the 2008 sampling event, thus above the groundwater quality standard. Concentrations of trans-1,2-dichloroethene exceeded groundwater quality standards for all sampling events in at least one well.

Concentrations of trichloroethene were detected above the groundwater quality standard in groundwater sampled at monitoring well MW-7. Concentrations of trichloroethene were detected at monitoring well MW-6 which represented the first time trichloroethene has been detected at this location.

Concentrations of benzene were detected to be above or equal to the groundwater quality standard in groundwater sampled at monitoring wells MW-2 and MW-7, which represents the first time benzene has been detected since 2001.

3.2.2 Semi-Volatlile Organic Analytical Test Results

The semi-volatile organic analytical test results for the sampling event of 2009 varied depending on the monitoring well location and specific compounds detected in groundwater in comparison with previous sampling events. Results showed increasing and decreasing semi-volatile organic concentrations when comparing data from sampling events. The semi-volatile organic analytical test results detected concentrations of bis(2-ethylhexyl)phthalate (all wells), exceeding groundwater quality standards as presented in Table 3. Even though concentrations of bis(2-ethylhexyl)phthalate were detected, the concentrations were detected below quantitation limits qualifying the data at all wells except MW-7.

Detected concentrations of acenaphthene decreased in groundwater sampled from monitoring well MW-8, while concentrations of acenaphthene increased at monitoring well MW-2. Detected concentrations of acenaphthene did not exceed groundwater quality standards. Concentrations of acenaphthene in groundwater sampled from monitoring well MW-6 decreased to non detectable results.

Detected concentrations of bis(2-ethylhexyl)phthalate increased in groundwater sampled from monitoring wells MW-1, MW-2, MW-6, MW-7 and MW-8, which represented concentrations detected above the groundwater quality standard. Detected concentrations of bis(2-ethylhexyl)phthalate remained the same in groundwater sampled from monitoring well MW-5 which exceeded groundwater quality standards.

Detected concentrations of di-n-butyl phthalate increased in groundwater sampled from monitoring wells MW-5, MW-6, MW-7 and MW-8, but remain below the groundwater quality standards. Di-n-butyl phthalate was also detected in monitoring wells MW-1 and MW-2. This contaminant was not previously analyzed for in these wells.

3.2.3 Inorganic Metals Analytical Test Results

Detected concentrations of inorganic metals for the 2009 sampling event that exceeded groundwater quality standards increased in concentrations of most parameters when compared with 2008 analytical test results. The inorganic metals analytical test results detected concentrations of aluminum (MW-1, MW-2, MW-5 and MW-7), iron (all wells), lead (MW-5 and MW-7), magnesium (MW-1, MW-2 and MW-5), manganese (MW-1, MW-6, MW-7 and MW-8), and zinc (MW-7) exceeding groundwater quality standards as presented in Table 4.

Detected concentrations of aluminum increased in groundwater sampled from monitoring well MW-5. Detected concentrations of aluminum decreased in groundwater sampled from monitoring wells MW-6, MW-7 and MW-8. Detected concentrations of aluminum exceeded groundwater quality standards at MW-1, MW-2, MW-5 and MW-7.

Detected concentrations of cadmium decreased to non detectable results in groundwater sampled from monitoring well MW-5 and MW-7. Cadmium concentrations in monitoring wells MW-1, MW-2, MW-6 and MW-8 remained non-detect.

Detected concentrations of iron increased in groundwater sampled from monitoring well MW-5. Detected concentrations of iron decreased in groundwater sampled from monitoring wells MW-6, MW-7 and MW-8. Detected concentrations of iron exceeded groundwater quality standards at all monitoring wells.
Detected concentrations of lead increased in groundwater sampled from monitoring wells MW-2 and MW-5. Detected concentrations of lead decreased in groundwater sampled from monitoring wells MW-1, MW-6, MW-7 and MW-8. Detected concentrations of lead exceeded groundwater quality standards at MW-5 and MW-7.

Detected concentrations of magnesium increased in groundwater sampled from monitoring wells MW-5, MW-6 and MW-8. Concentrations of magnesium detected in monitoring well MW-7 decreased in concentration and did not exceed groundwater quality standards. Detected concentrations of magnesium exceeded groundwater quality standards at monitoring wells MW-1, MW-2 and MW-5.

Detected concentrations of mercury in groundwater sampled from monitoring well MW-7 decreased to non detectable results. Non detectable results were reported for mercury in groundwater at all monitoring well locations. The only other detected concentration of mercury occurred in samples collected from monitoring well MW-6 during the 2001 sampling event.

Detected concentrations of manganese increased in groundwater sampled from monitoring wells MW-5, but remain below the groundwater quality standard. Detected concentrations of manganese decreased in groundwater sampled from monitoring wells MW-6, MW-7 and MW-8. Detected concentrations of manganese exceeded groundwater quality standards at monitoring wells MW-1, MW-6, MW-7 and MW-8.

Detected concentrations of zinc decreased in groundwater sampled from monitoring wells MW-5, MW-6, MW-7 and MW-8. Detected concentrations of zinc exceeded groundwater quality standards at monitoring well MW-7.

Detected concentrations that did not exceed groundwater quality standards and represented an increase in concentration when compared to test results from 2008 are: chromium (MW-5), copper (MW-5), magnesium (MW-6 and MW-8), and manganese (MW-5).

Detected concentrations that did not exceed groundwater quality standards and represented a decrease in concentration when compared to test results from 2008 are: aluminum (MW-6 and MW-8), barium (MW-5, MW-6, MW-7 and MW-8), lead (MW-6 and MW-8), magnesium (MW-7), nickel (MW-7), copper (MW-7), and zinc (MW-5, MW-6 and MW-8).

3.3 Quality Assurance/Quality Control Analytical Results

Groundwater samples were analyzed for VOCs by USEPA SW-846 Method 8260, SVOCs by USEPA SW-846 Method 8270 and TAL Metals at Upstate Laboratories in Syracuse, New York. The laboratory data were independently reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The associated laboratory analytical reports of the field duplicate, equipment blank, and other quality assurance/quality control (QA/QC) samples collected during the October 2009 sampling event are presented in Appendix D. The QA/QC measurements examined for the data were within method-specified or laboratory-derived limits. No data were rejected as a result of the data validation.

SECTION 4 - CONCLUSIONS

1. Analytical test results identified volatile organic compound concentrations that exceeded groundwater standards. Analytical testing detected the volatiles: vinyl chloride, benzene, trichloroethane, trans-1,2-dichloroethene, and cis-1,2-dichloroethene at concentrations exceeding groundwater quality standards.

2. Volatile organic analytical test results detected increasing concentrations of volatile compounds in groundwater sampled from monitoring wells MW-2, MW-7 and MW-8 that exceeded groundwater standards.

3. Concentrations of benzene were detected in groundwater sampled from monitoring well MW-2 and MW-7, which represented the first time benzene was detected in groundwater since the sampling event in 2001.

4. Semi-volatiles organic analytical test results detected the concentrations of bis(2-ethylhexyl)phthalate that exceeded groundwater quality standards.

5. Semi-volatiles analytical test results detected increasing concentrations of semi-volatiles in groundwater sampled from all monitoring wells.

6. Concentrations of di-n-butyl phthalate were detected in groundwater sampled from all monitoring wells, which represented the first time di-n-butyl phthalate was detected in groundwater.

7. Inorganic metals analytical test results have detected concentrations of aluminum, iron, lead, magnesium, manganese, and zinc that exceed groundwater quality standards.

8. Trend analysis of volatile parameters indicates the concentrations of vinyl chloride, benzene, trichloroethane, trans-1,2-dichloroethene, and cis-1,2-dichloroethene to be increasing at one or more monitoring wells.

9. Trend analysis of semi-volatile parameters indicates the concentration of bis(2-ethylhexyl)phthalate, di-n-butyl phthalate to be increasing at one or more monitoring wells.

TABLES

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TABLE 1
153 Fillmore Avenue Site
City of Tonawanda

2009 Field Groundwater Parameters

Parameter	Location					
	MW-1	**MW-2**	**MW-5**	**MW-6**	**MW-7**	**MW-8**
Temperature (°C)[1]	NA	NA	NA	NA	NA	NA
pH	6.67	6.83	6.89	6.81	6.19	6.91
Conductivity (mS/cm)	1.34	1.17	1.02	0.97	0.84	0.98
Dissolved Oxygen (mg/L)[1]	NA	0.72	0.67	0.28	NA	0.47
Turbidity (NTUs)[2]	NA	NA	NA	685	802	338
ORP (mV)	-60.0	-80.0	-70.0	-100.0	18.0	-73.0

Notes: 1. The field parameter probe was not functioning properly for the temperature and dissolved oxygen readings.
2. The field parameter proble was unable to record a turbidity reading due to very murky water at some well locations.

TABLE 2A
Monitoring Well MW-1
Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/07/01	07/22/09
Chloromethane	NE	µg/L	-	ND
Vinyl chloride	2.0	µg/L	ND	ND
Bromomethane	5.0	µg/L	-	ND
Chloroethane	5.0	µg/L	-	ND
Acetone	50.0	µg/L	ND	ND
1,1-Dichloroethene	5.0	µg/L	ND	ND
Carbon disulfide	60.0	µg/L	-	ND
Methylene chloride	5.0	µg/L	-	ND
trans-1,2-Dichloroethene	5.0	µg/L	ND	ND
1,1-Dichloroethane	5.0	µg/L	ND	ND
2-Butanone	50.0	µg/L	-	ND
cis-1,2-Dichloroethene	5.0	µg/L	**47**	**5.5**
Chloroform	7.0	µg/L	-	ND
1,1,1-Trichloroethane	5.0	µg/L	-	ND
Carbon tetrachloride	5.0	µg/L	-	ND
Benzene	1.0	µg/L	ND	ND
1,2-Dichloroethane	0.6	µg/L	-	ND
Trichloroethene	5.0	µg/L	ND	ND
1,2-Dichloropropane	1.0	µg/L	-	ND
Bromodichloromethane	50.0	µg/L	-	ND
4-Methyl-2-pentanone	NE	µg/L	-	ND
cis-1,3-Dichloropropene	0.4	µg/L	-	ND
Toluene	5.0	µg/L	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	-	ND
1,1,2-Trichloroethane	1.0	µg/L	-	ND
2-Hexanone	50.0	µg/L	-	ND
Tetrachloroethene	5.0	µg/L	ND	ND
Dibromochloromethane	50.0	µg/L	-	ND
Chlorobenzene	5.0	µg/L	-	ND
Ethylbenzene	5.0	µg/L	ND	ND
m,p-Xylene	5.0	µg/L	ND	ND
o-Xylene	5.0	µg/L	ND	ND
Styrene	5.0	µg/L	ND	ND
Bromoform	50.0	µg/L	-	ND
1,1,2,2-Tetrachloroethane	5.0	µg/L	-	ND
Total VOCs		µg/L	47	5.5
Total VOCs		mg/L	0.047	0.006

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.

Bolded concentrations indicated the analyte was detected.

Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.

NE = NYSDEC TOGS 1.1.1 water quality standard not established.

** Dilution factor of 5 used

ND - Not detected for at or above reporting limit

J - Analyte detected below quantitation limits

- = The analyte was not sampled for.

TABLE 2B
Monitoring Well MW-2
Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/07/01	07/22/09
Chloromethane	NE	µg/L	-	ND
Vinyl chloride	2.0	µg/L	ND	**82**
Bromomethane	5.0	µg/L	-	ND
Chloroethane	5.0	µg/L	-	ND
Acetone	50.0	µg/L	ND	ND
1,1-Dichloroethene	5.0	µg/L	ND	ND
Carbon disulfide	60.0	µg/L	-	ND
Methylene chloride	5.0	µg/L	-	ND
trans-1,2-Dichloroethene	5.0	µg/L	ND	**4 J**
1,1-Dichloroethane	5.0	µg/L	ND	ND
2-Butanone	50.0	µg/L	-	ND
cis-1,2-Dichloroethene	5.0	µg/L	ND	ND
Chloroform	7.0	µg/L	-	ND
1,1,1-Trichloroethane	5.0	µg/L	-	ND
Carbon tetrachloride	5.0	µg/L	-	ND
Benzene	1.0	µg/L	ND	**6.7**
1,2-Dichloroethane	0.6	µg/L	-	ND
Trichloroethene	5.0	µg/L	ND	ND
1,2-Dichloropropane	1.0	µg/L	-	ND
Bromodichloromethane	50.0	µg/L	-	ND
4-Methyl-2-pentanone	NE	µg/L	-	ND
cis-1,3-Dichloropropene	0.4	µg/L	-	ND
Toluene	5.0	µg/L	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	-	ND
1,1,2-Trichloroethane	1.0	µg/L	-	ND
2-Hexanone	50.0	µg/L	-	ND
Tetrachloroethene	5.0	µg/L	ND	ND
Dibromochloromethane	50.0	µg/L	-	ND
Chlorobenzene	5.0	µg/L	-	ND
Ethylbenzene	5.0	µg/L	ND	ND
m,p-Xylene	5.0	µg/L	ND	ND
o-Xylene	5.0	µg/L	ND	ND
Styrene	5.0	µg/L	ND	ND
Bromoform	50.0	µg/L	-	ND
1,1,2,2-Tetrachloroethane	5.0	µg/L	-	ND
Total VOCs		µg/L	0	92.7
Total VOCs		mg/L	0.000	0.093

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.

Bolded concentrations indicated the analyte was detected.

Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.

NE = NYSDEC TOGS 1.1.1 water quality standard not established.

** Dilution factor of 5 used

ND - Not detected for at or above reporting limit

J - Analyte detected below quantitation limits

- = The analyte was not sampled for.

TABLE 2C
Monitoring Well MW-5
Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/07/01	07/26/07	08/27/08	07/22/09
Chloromethane	NE	µg/L	-	ND	ND	ND
Vinyl chloride	2.0	µg/L	ND	ND	ND	ND
Bromomethane	5.0	µg/L	-	ND	ND	ND
Chloroethane	5.0	µg/L	-	ND	ND	ND
Acetone	50.0	µg/L	**30**	ND	ND	ND
1,1-Dichloroethene	5.0	µg/L	ND	ND	ND	ND
Carbon disulfide	60.0	µg/L	-	ND	ND	ND
Methylene chloride	5.0	µg/L	-	ND	ND	ND
trans-1,2-Dichloroethene	5.0	µg/L	ND	ND	ND	ND
1,1-Dichloroethane	5.0	µg/L	ND	ND	ND	ND
2-Butanone	50.0	µg/L	-	ND	ND	ND
cis-1,2-Dichloroethene	5.0	µg/L	ND	ND	ND	ND
Chloroform	7.0	µg/L	-	ND	ND	ND
1,1,1-Trichloroethane	5.0	µg/L	-	ND	ND	ND
Carbon tetrachloride	5.0	µg/L	-	ND	ND	ND
Benzene	1.0	µg/L	**2**	ND	ND	ND
1,2-Dichloroethane	0.6	µg/L	-	ND	ND	ND
Trichloroethene	5.0	µg/L	ND	ND	ND	ND
1,2-Dichloropropane	1.0	µg/L	-	ND	ND	ND
Bromodichloromethane	50.0	µg/L	-	ND	ND	ND
4-Methyl-2-pentanone	NE	µg/L	-	ND	ND	ND
cis-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
Toluene	5.0	µg/L	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
1,1,2-Trichloroethane	1.0	µg/L	-	ND	ND	ND
2-Hexanone	50.0	µg/L	-	ND	ND	ND
Tetrachloroethene	5.0	µg/L	ND	ND	ND	ND
Dibromochloromethane	50.0	µg/L	-	ND	ND	ND
Chlorobenzene	5.0	µg/L	-	ND	ND	ND
Ethylbenzene	5.0	µg/L	ND	ND	ND	ND
m,p-Xylene	5.0	µg/L	ND	ND	ND	ND
o-Xylene	5.0	µg/L	ND	ND	ND	ND
Styrene	5.0	µg/L	ND	ND	ND	ND
Bromoform	50.0	µg/L	-	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	µg/L	-	ND	ND	ND
Total VOCs		µg/L	32	0	0	0
Total VOCs		mg/L	0.032	0.000	0.000	0.000

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
** Dilution factor of 5 used
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 2D
Monitoring Well MW-6
Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/07/01	07/26/07	08/27/08	07/22/09
Chloromethane	NE	µg/L	-	ND	ND	ND
Vinyl chloride	2.0	µg/L	ND	ND	**99**	**42**
Bromomethane	5.0	µg/L	-	ND	ND	ND
Chloroethane	5.0	µg/L	-	ND	ND	ND
Acetone	50.0	µg/L	ND	ND	ND	ND
1,1-Dichloroethene	5.0	µg/L	ND	ND	ND	ND
Carbon disulfide	60.0	µg/L	-	ND	ND	ND
Methylene chloride	5.0	µg/L	-	ND	ND	ND
trans-1,2-Dichloroethene	5.0	µg/L	ND	ND	ND	**3 J**
1,1-Dichloroethane	5.0	µg/L	ND	ND	ND	ND
2-Butanone	50.0	µg/L	-	ND	ND	ND
cis-1,2-Dichloroethene	5.0	µg/L	ND	ND	**240**	**51**
Chloroform	7.0	µg/L	-	ND	ND	ND
1,1,1-Trichloroethane	5.0	µg/L	-	ND	ND	ND
Carbon tetrachloride	5.0	µg/L	-	ND	ND	ND
Benzene	1.0	µg/L	ND	ND	ND	ND
1,2-Dichloroethane	0.6	µg/L	-	ND	ND	ND
Trichloroethene	5.0	µg/L	ND	ND	ND	**2 J**
1,2-Dichloropropane	1.0	µg/L	-	ND	ND	ND
Bromodichloromethane	50.0	µg/L	-	ND	ND	ND
4-Methyl-2-pentanone	NE	µg/L	-	ND	ND	ND
cis-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
Toluene	5.0	µg/L	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
1,1,2-Trichloroethane	1.0	µg/L	-	ND	ND	ND
2-Hexanone	50.0	µg/L	-	ND	ND	ND
Tetrachloroethene	5.0	µg/L	ND	ND	ND	ND
Dibromochloromethane	50.0	µg/L	-	ND	ND	ND
Chlorobenzene	5.0	µg/L	-	ND	ND	ND
Ethylbenzene	5.0	µg/L	ND	ND	ND	ND
m,p-Xylene	5.0	µg/L	**5**	ND	ND	ND
o-Xylene	5.0	µg/L	ND	ND	ND	ND
Styrene	5.0	µg/L	ND	ND	ND	ND
Bromoform	50.0	µg/L	-	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	µg/L	-	ND	ND	ND
Total VOCs		µg/L	5	0	339	98
Total VOCs		mg/L	0.005	0.000	0.339	0.098

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
** Dilution factor of 5 used
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 2E
Monitoring Well MW-7
Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/07/01	07/26/07	08/27/08	07/23/09
Chloromethane	NE	µg/L	-	ND	ND	ND
Vinyl chloride	2.0	µg/L	**10**	**40 J**	ND	**2 J**
Bromomethane	5.0	µg/L	-	ND	ND	ND
Chloroethane	5.0	µg/L	-	ND	ND	ND
Acetone	50.0	µg/L	ND	ND	ND	ND
1,1-Dichloroethene	5.0	µg/L	ND	ND	ND	ND
Carbon disulfide	60.0	µg/L	-	ND	ND	ND
Methylene chloride	5.0	µg/L	-	ND	ND	ND
trans-1,2-Dichloroethene	5.0	µg/L	ND	**10 J**	ND	ND
1,1-Dichloroethane	5.0	µg/L	ND	ND	ND	ND
2-Butanone	50.0	µg/L	-	ND	ND	ND
cis-1,2-Dichloroethene	5.0	µg/L	**150**	**270**	ND	**14**
Chloroform	7.0	µg/L	-	ND	ND	ND
1,1,1-Trichloroethane	5.0	µg/L	-	ND	ND	ND
Carbon tetrachloride	5.0	µg/L	-	ND	ND	ND
Benzene	1.0	µg/L	**36**	ND	ND	**1 J**
1,2-Dichloroethane	0.6	µg/L	-	ND	ND	ND
Trichloroethene	5.0	µg/L	**19**	**10 J**	ND	**5.2**
1,2-Dichloropropane	1.0	µg/L	-	ND	ND	ND
Bromodichloromethane	50.0	µg/L	-	ND	ND	ND
4-Methyl-2-pentanone	NE	µg/L	-	ND	ND	ND
cis-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
Toluene	5.0	µg/L	**660**	ND	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
1,1,2-Trichloroethane	1.0	µg/L	-	ND	ND	ND
2-Hexanone	50.0	µg/L	-	ND	ND	ND
Tetrachloroethene	5.0	µg/L	ND	**10 J**	ND	ND
Dibromochloromethane	50.0	µg/L	-	ND	ND	ND
Chlorobenzene	5.0	µg/L	-	ND	ND	ND
Ethylbenzene	5.0	µg/L	**690**	ND	ND	**2 J**
m,p-Xylene	5.0	µg/L	**660**	ND	ND	ND
o-Xylene	5.0	µg/L	**440**	ND	ND	ND
Styrene	5.0	µg/L	**16**	ND	ND	ND
Bromoform	50.0	µg/L	-	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	µg/L	-	ND	ND	ND
Total VOCs		µg/L	2,681	340	0	24
Total VOCs		mg/L	2.681	0.340	0.000	0.024

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
** Dilution factor of 5 used
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 2F
Monitoring Well MW-8
Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/07/01	07/26/07	08/27/08	07/23/09**
Chloromethane	NE	µg/L	-	ND	ND	ND
Vinyl chloride	2.0	µg/L	**54**	**190**	**160**	**190**
Bromomethane	5.0	µg/L	-	ND	ND	ND
Chloroethane	5.0	µg/L	-	ND	ND	ND
Acetone	50.0	µg/L	ND	ND	ND	ND
1,1-Dichloroethene	5.0	µg/L	ND	ND	ND	ND
Carbon disulfide	60.0	µg/L	-	ND	ND	ND
Methylene chloride	5.0	µg/L	-	ND	ND	ND
trans-1,2-Dichloroethene	5.0	µg/L	**7**	**15**	**20 J**	**20 J**
1,1-Dichloroethane	5.0	µg/L	ND	ND	ND	ND
2-Butanone	50.0	µg/L	-	ND	ND	ND
cis-1,2-Dichloroethene	5.0	µg/L	**31**	**160**	**230**	**370**
Chloroform	7.0	µg/L	-	ND	ND	ND
1,1,1-Trichloroethane	5.0	µg/L	-	ND	ND	ND
Carbon tetrachloride	5.0	µg/L	-	ND	ND	ND
Benzene	1.0	µg/L	**4**	ND	ND	ND
1,2-Dichloroethane	0.6	µg/L	-	ND	ND	ND
Trichloroethene	5.0	µg/L	ND	ND	ND	ND
1,2-Dichloropropane	1.0	µg/L	-	ND	ND	ND
Bromodichloromethane	50.0	µg/L	-	ND	ND	ND
4-Methyl-2-pentanone	NE	µg/L	-	ND	ND	ND
cis-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
Toluene	5.0	µg/L	ND	**2 J**	ND	ND
trans-1,3-Dichloropropene	0.4	µg/L	-	ND	ND	ND
1,1,2-Trichloroethane	1.0	µg/L	-	ND	ND	ND
2-Hexanone	50.0	µg/L	-	ND	ND	ND
Tetrachloroethene	5.0	µg/L	ND	ND	ND	ND
Dibromochloromethane	50.0	µg/L	-	ND	ND	ND
Chlorobenzene	5.0	µg/L	-	ND	ND	ND
Ethylbenzene	5.0	µg/L	ND	ND	ND	ND
m,p-Xylene	5.0	µg/L	**6**	ND	ND	ND
o-Xylene	5.0	µg/L	ND	ND	ND	ND
Styrene	5.0	µg/L	ND	ND	ND	ND
Bromoform	50.0	µg/L	-	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	µg/L	-	ND	ND	ND
Total VOCs		µg/L	102	367	410	580
Total VOCs		mg/L	0.102	0.367	0.410	0.580

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
** Dilution factor of 5 used
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 3A
Monitoring Well MW-1
Semi-Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Semi-Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/23/09
Phenol	1.0	µg/L	-	ND
bis(2-chloroethyl) ether	1.0	µg/L	-	ND
2-Chlorophenol	NE	µg/L	-	ND
1,3-Dichlorobenzene	3.0	µg/L	-	ND
1,4-Dichlorobenzene	3.0	µg/L	-	ND
2-Methylphenol	NE	µg/L	-	ND
N-Nitrosodi-n-propylamine	NE	µg/L	-	ND
Hexachloroethane	5.0	µg/L	-	ND
Nitrobenzene	0.4	µg/L	-	ND
Isophorone	50.0	µg/L	-	ND
2-Nitrophenol	NE	µg/L	-	ND
2,4-Dimethylphenol	50.0	µg/L	-	ND
bis(2-chloroethoxy) methane	5.0	µg/L	-	ND
2,4-Dichlorophenol	1.0	µg/L	-	ND
1,2,4-Trichlorobenzene	NE	µg/L	-	ND
Naphthalene	10.0	µg/L	ND	ND
4-Chloroaniline	5.0	µg/L	-	ND
Hexachlorobutadiene	0.5	µg/L	-	ND
4-Chloro-3-methylphenol	NE	µg/L	-	ND
2-Methylnaphthalene	NE	µg/L	ND	ND
Hexachlorocyclopentadiene	5.0	µg/L	-	ND
2,4,6-Trichlorophenol	NE	µg/L	-	ND
2,4,5-Trichlorophenol	NE	µg/L	-	ND
2-Chloronaphthalene	10.0	µg/L	-	ND
2-Nitroaniline	5.0	µg/L	-	ND
Dimethyl phthalate	50.0	µg/L	-	ND
Acenaphthylene	NE	µg/L	-	ND
2,6-Dinitrotoluene	5.0	µg/L	-	ND
3-Nitroaniline	5.0	µg/L	-	ND
Acenaphthene	20.0	µg/L	ND	ND
2,4-Dinitrophenol	10.0	µg/L	-	ND
4-Nitrophenol	NE	µg/L	-	ND
Dibenzofuran	50.0	µg/L	ND	ND
2,4-Dinitrotoluene	5.0	µg/L	-	ND
Diethyl phthalate	50.0	µg/L	-	ND
4-Chlorophenyl phenyl ether	NE	µg/L	-	ND
Fluorene	50.0	µg/L	ND	ND
4-Nitroaniline	5.0	µg/L	-	ND
4,6-Dinitro-2-methylphenol	NE	µg/L	-	ND
N-Nitrosodiphenylamine	50.0	µg/L	-	ND
4-Bromophenyl phenyl ether	NE	µg/L	-	ND
Hexachlorobenzene	0.04	µg/L	-	ND
Pentachlorophenol	1.0	µg/L	-	ND
Phenanthrene	50.0	µg/L	ND	ND
Anthracene	50.0	µg/L	ND	ND
Carbazole	NE	µg/L	-	ND
Di-n-butyl phthalate	50.0	µg/L	-	**2 J**
Fluoranthene	50.0	µg/L	ND	ND
Pyrene	50.0	µg/L	ND	ND
Butyl benzyl phthalate	50.0	µg/L	-	ND
3,3'-Dichlorobenzidine	5.0	µg/L	-	ND
Benz(a)anthracene	0.002	µg/L	ND	ND
Chrysene	0.002	µg/L	ND	ND
bis(2-ethylhexyl) phthalate	5.0	µg/L	ND	**8 J**
Di-n-octyl phthalate	50.0	µg/L	-	ND
Benzo(b)fluoranthene	0.002	µg/L	-	ND
Benzo(k)fluoranthene	0.002	µg/L	-	ND
Benzo(a)pyrene	NE	µg/L	-	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	ND
Dibenz(a,h)anthracene)	NE	µg/L	-	ND
Benzo(g,h,i) perylene	NE	µg/L	-	ND
(3+4)-Methylphenol	NE	µg/L	-	ND
bis(2-chloroisopropyl) ether	NE	µg/L	-	ND

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.

Bolded concentrations indicated the analyte was detected.

Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.

NE = NYSDEC TOGS 1.1.1 water quality standard not established.

ND - Not detected for at or above reporting limit

J - Analyte detected below quantitation limits

- = The analyte was not sampled for.

TABLE 3B
Monitoring Well MW-2
Semi-Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Semi-Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/23/09
Phenol	1.0	µg/L	-	ND
bis(2-chloroethyl) ether	1.0	µg/L	-	ND
2-Chlorophenol	NE	µg/L	-	ND
1,3-Dichlorobenzene	3.0	µg/L	-	ND
1,4-Dichlorobenzene	3.0	µg/L	-	ND
2-Methylphenol	NE	µg/L	-	ND
N-Nitrosodi-n-propylamine	NE	µg/L	-	ND
Hexachloroethane	5.0	µg/L	-	ND
Nitrobenzene	0.4	µg/L	-	ND
Isophorone	50.0	µg/L	-	ND
2-Nitrophenol	NE	µg/L	-	ND
2,4-Dimethylphenol	50.0	µg/L	-	ND
bis(2-chloroethoxy) methane	5.0	µg/L	-	ND
2,4-Dichlorophenol	1.0	µg/L	-	ND
1,2,4-Trichlorobenzene	NE	µg/L	-	ND
Naphthalene	10.0	µg/L	ND	ND
4-Chloroaniline	5.0	µg/L	-	ND
Hexachlorobutadiene	0.5	µg/L	-	ND
4-Chloro-3-methylphenol	NE	µg/L	-	ND
2-Methylnaphthalene	NE	µg/L	ND	ND
Hexachlorocyclopentadiene	5.0	µg/L	-	ND
2,4,6-Trichlorophenol	NE	µg/L	-	ND
2,4,5-Trichlorophenol	NE	µg/L	-	ND
2-Chloro-phthalene	10.0	µg/L	-	ND
2-Nitroaniline	5.0	µg/L	-	ND
Dimethyl phthalate	50.0	µg/L	-	ND
Acenaphthylene	NE	µg/L	-	ND
2,6-Dinitrotoluene	5.0	µg/L	-	ND
3-Nitroaniline	5.0	µg/L	-	ND
Acenaphthene	20.0	µg/L	ND	**1 J**
2,4-Dinitrophenol	10.0	µg/L	-	ND
4-Nitrophenol	NE	µg/L	-	ND
Dibenzofuran	50.0	µg/L	ND	ND
2,4-Dinitrotoluene	5.0	µg/L	-	ND
Diethyl phthalate	50.0	µg/L	-	ND
4-Chlorophenyl phenyl ether	NE	µg/L	-	ND
Fluorene	50.0	µg/L	ND	ND
4-Nitroaniline	5.0	µg/L	-	ND
4,6-Dinitro-2-methylphenol	NE	µg/L	-	ND
N-Nitrosodiphenylamine	50.0	µg/L	-	ND
4-Bromophenyl phenyl ether	NE	µg/L	-	ND
Hexachlorobenzene	0.04	µg/L	-	ND
Pentachlorophenol	1.0	µg/L	-	ND
Phenanthrene	50.0	µg/L	ND	ND
Anthracene	50.0	µg/L	ND	ND
Carbazole	NE	µg/L	-	ND
Di-n-butyl phthalate	50.0	µg/L	-	**2 J**
Fluoranthene	50.0	µg/L	ND	ND
Pyrene	50.0	µg/L	ND	ND
Butyl benzyl phthalate	50.0	µg/L	-	ND
3,3'-Dichlorobenzidine	5.0	µg/L	-	ND
Benz(a)anthracene	0.002	µg/L	ND	ND
Chrysene	0.002	µg/L	ND	ND
bis(2-ethylhexyl) phthalate	5.0	µg/L	ND	**9 J**
Di-n-octyl phthalate	50.0	µg/L	-	ND
Benzo(b)fluoranthene	0.002	µg/L	-	ND
Benzo(k)fluoranthene	0.002	µg/L	-	ND
Benzo(a)pyrene	NE	µg/L	-	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	ND
Dibenz(a,h)anthracene)	NE	µg/L	-	ND
Benzo(g,h,i) perylene	NE	µg/L	-	ND
(3+4)-Methylphenol	NE	µg/L	-	ND
bis(2-chloroisopropyl) ether	NE	µg/L	-	ND

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.

Bolded concentrations indicated the analyte was detected.

Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.

NE = NYSDEC TOGS 1.1.1 water quality standard not established.

ND - Not detected for at or above reporting limit

J - Analyte detected below quantitation limits

- = The analyte was not sampled for.

TABLE 3C
Monitoring Well MW-5
Semi-Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Semi-Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/22/09
Phenol	1.0	µg/L	-	ND	ND	ND
bis(2-chloroethyl) ether	1.0	µg/L	-	ND	ND	ND
2-Chlorophenol	NE	µg/L	-	ND	ND	ND
1,3-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
1,4-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
2-Methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodi-n-propylamine	NE	µg/L	-	ND	ND	ND
Hexachloroethane	5.0	µg/L	-	ND	ND	ND
Nitrobenzene	0.4	µg/L	-	ND	ND	ND
Isophorone	50.0	µg/L	-	ND	ND	ND
2-Nitrophenol	NE	µg/L	-	ND	ND	ND
2,4-Dimethylphenol	50.0	µg/L	-	ND	ND	ND
bis(2-chloroethoxy) methane	5.0	µg/L	-	ND	ND	ND
2,4-Dichlorophenol	1.0	µg/L	-	ND	ND	ND
1,2,4-Trichlorobenzene	NE	µg/L	-	ND	ND	ND
Naphthalene	10.0	µg/L	**59**	ND	ND	ND
4-Chloroaniline	5.0	µg/L	-	ND	ND	ND
Hexachlorobutadiene	0.5	µg/L	-	ND	ND	ND
4-Chloro-3-methylphenol	NE	µg/L	-	ND	ND	ND
2-Methylnaphthalene	NE	µg/L	**800**	ND	ND	ND
Hexachlorocyclopentadiene	5.0	µg/L	-	ND	ND	ND
2,4,6-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2,4,5-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2-Chloro-phthalene	10.0	µg/L	-	ND	ND	ND
2-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Dimethyl phthalate	50.0	µg/L	-	ND	ND	ND
Acenaphthylene	NE	µg/L	-	ND	ND	ND
2,6-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
3-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Acenaphthene	20.0	µg/L	**65**	ND	ND	ND
2,4-Dinitrophenol	10.0	µg/L	-	ND	ND	ND
4-Nitrophenol	NE	µg/L	-	ND	ND	ND
Dibenzofuran	50.0	µg/L	ND	ND	ND	ND
2,4-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
Diethyl phthalate	50.0	µg/L	-	ND	ND	ND
4-Chlorophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Fluorene	50.0	µg/L	**93**	ND	ND	ND
4-Nitroaniline	5.0	µg/L	-	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodiphenylamine	50.0	µg/L	-	ND	ND	ND
4-Bromophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Hexachlorobenzene	0.04	µg/L	-	ND	ND	ND
Pentachlorophenol	1.0	µg/L	-	ND	ND	ND
Phenanthrene	50.0	µg/L	**220**	ND	ND	ND
Anthracene	50.0	µg/L	ND	ND	ND	ND
Carbazole	NE	µg/L	-	ND	ND	ND
Di-n-butyl phthalate	50.0	µg/L	-	ND	ND	**3 J**
Fluoranthene	50.0	µg/L	ND	ND	ND	ND
Pyrene	50.0	µg/L	ND	ND	ND	ND
Butyl benzyl phthalate	50.0	µg/L	-	ND	ND	ND
3,3'-Dichlorobenzidine	5.0	µg/L	-	ND	ND	ND
Benz(a)anthracene	0.002	µg/L	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND
bis(2-ethylhexyl) phthalate	5.0	µg/L	ND	**4 J**	**7 J**	**7 J**
Di-n-octyl phthalate	50.0	µg/L	-	**75**	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(a)pyrene	NE	µg/L	-	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	ND	ND	ND
Dibenz(a,h)anthracene)	NE	µg/L	-	ND	ND	ND
Benzo(g,h,i) perylene	NE	µg/L	-	ND	ND	ND
(3+4)-Methylphenol	NE	µg/L	-	ND	ND	ND
bis(2-chloroisopropyl) ether	NE	µg/L	-	ND	ND	ND

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 3D
Monitoring Well MW-6
Semi-Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Semi-Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/22/09
Phenol	1.0	µg/L	-	ND	ND	ND
bis(2-chloroethyl) ether	1.0	µg/L	-	ND	ND	ND
2-Chlorophenol	NE	µg/L	-	ND	ND	ND
1,3-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
1,4-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
2-Methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodi-n-propylamine	NE	µg/L	-	ND	ND	ND
Hexachloroethane	5.0	µg/L	-	ND	ND	ND
Nitrobenzene	0.4	µg/L	-	ND	ND	ND
Isophorone	50.0	µg/L	-	ND	ND	ND
2-Nitrophenol	NE	µg/L	ND	ND	ND	ND
2,4-Dimethylphenol	50.0	µg/L	ND	ND	ND	ND
bis(2-chloroethoxy) methane	5.0	µg/L	-	ND	ND	ND
2,4-Dichlorophenol	1.0	µg/L	-	ND	ND	ND
1,2,4-Trichlorobenzene	NE	µg/L	-	ND	ND	ND
Naphthalene	10.0	µg/L	ND	ND	ND	ND
4-Chloroaniline	5.0	µg/L	-	ND	ND	ND
Hexachlorobutadiene	0.5	µg/L	-	ND	ND	ND
4-Chloro-3-methylphenol	NE	µg/L	-	ND	ND	ND
2-Methylnaphthalene	NE	µg/L	800	ND	ND	ND
Hexachlorocyclopentadiene	5.0	µg/L	-	ND	ND	ND
2,4,6-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2,4,5-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2-Chloro-phthalene	10.0	µg/L	-	ND	ND	ND
2-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Dimethyl phthalate	50.0	µg/L	-	ND	ND	ND
Acenaphthylene	NE	µg/L	-	ND	ND	ND
2,6-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
3-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Acenaphthene	20.0	µg/L	**120**	ND	**3 J**	ND
2,4-Dinitrophenol	10.0	µg/L	-	ND	ND	ND
4-Nitrophenol	NE	µg/L	-	ND	ND	ND
Dibenzofuran	50.0	µg/L	**72**	ND	ND	ND
2,4-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
Diethyl phthalate	50.0	µg/L	-	ND	ND	ND
4-Chlorophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Fluorene	50.0	µg/L	**200**	ND	ND	ND
4-Nitroaniline	5.0	µg/L	-	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodiphenylamine	50.0	µg/L	-	ND	ND	ND
4-Bromophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Hexachlorobenzene	0.04	µg/L	-	ND	ND	ND
Pentachlorophenol	1.0	µg/L	-	ND	ND	ND
Phenanthrene	50.0	µg/L	**530**	ND	ND	ND
Anthracene	50.0	µg/L	ND	ND	ND	ND
Carbazole	NE	µg/L	-	ND	ND	ND
Di-n-butyl phthalate	50.0	µg/L	-	ND	ND	**3 J**
Fluoranthene	50.0	µg/L	ND	ND	ND	ND
Pyrene	50.0	µg/L	**64**	ND	ND	ND
Butyl benzyl phthalate	50.0	µg/L	-	ND	ND	ND
3,3'-Dichlorobenzidine	5.0	µg/L	-	ND	ND	ND
Benz(a)anthracene	0.002	µg/L	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND
bis(2-ethylhexyl) phthalate	5.0	µg/L	ND	**8 J**	**2 J**	**8 J**
Di-n-octyl phthalate	50.0	µg/L	-	**5 J**	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(a)pyrene	NE	µg/L	-	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	ND	ND	ND
Dibenz(a,h)anthracene)	NE	µg/L	-	ND	ND	ND
Benzo(g,h,i) perylene	NE	µg/L	-	ND	ND	ND
(3+4)-Methylphenol	NE	µg/L	-	ND	ND	ND
bis(2-chloroisopropyl) ether	NE	µg/L	-	ND	ND	ND

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 3E
Monitoring Well MW-7
Semi-Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Semi-Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/23/09
Phenol	1.0	µg/L	-	ND	ND	ND
bis(2-chloroethyl) ether	1.0	µg/L	-	ND	ND	ND
2-Chlorophenol	NE	µg/L	-	ND	ND	ND
1,3-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
1,4-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
2-Methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodi-n-propylamine	NE	µg/L	-	ND	ND	ND
Hexachloroethane	5.0	µg/L	-	ND	ND	ND
Nitrobenzene	0.4	µg/L	-	ND	ND	ND
Isophorone	50.0	µg/L	-	ND	ND	ND
2-Nitrophenol	NE	µg/L	ND	ND	ND	ND
2,4-Dimethylphenol	50.0	µg/L	ND	ND	ND	ND
bis(2-chloroethoxy) methane	5.0	µg/L	-	ND	ND	ND
2,4-Dichlorophenol	1.0	µg/L	-	ND	ND	ND
1,2,4-Trichlorobenzene	NE	µg/L	-	ND	ND	ND
Naphthalene	10.0	µg/L	**3,000**	ND	ND	ND
4-Chloroaniline	5.0	µg/L	-	ND	ND	ND
Hexachlorobutadiene	0.5	µg/L	-	ND	ND	ND
4-Chloro-3-methylphenol	NE	µg/L	-	ND	ND	ND
2-Methylnaphthalene	NE	µg/L	**1,100**	ND	ND	ND
Hexachlorocyclopentadiene	5.0	µg/L	-	ND	ND	ND
2,4,6-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2,4,5-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2-Chloro-phthalene	10.0	µg/L	-	ND	ND	ND
2-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Dimethyl phthalate	50.0	µg/L	-	ND	ND	ND
Acenaphthylene	NE	µg/L	-	ND	ND	ND
2,6-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
3-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Acenaphthene	20.0	µg/L	**590**	ND	ND	ND
2,4-Dinitrophenol	10.0	µg/L	-	ND	ND	ND
4-Nitrophenol	NE	µg/L	-	ND	ND	ND
Dibenzofuran	50.0	µg/L	ND	ND	ND	ND
2,4-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
Diethyl phthalate	50.0	µg/L	-	ND	ND	ND
4-Chlorophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Fluorene	50.0	µg/L	**430**	ND	ND	ND
4-Nitroaniline	5.0	µg/L	-	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodiphenylamine	50.0	µg/L	-	ND	ND	ND
4-Bromophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Hexachlorobenzene	0.04	µg/L	-	ND	ND	ND
Pentachlorophenol	1.0	µg/L	-	ND	ND	ND
Phenanthrene	50.0	µg/L	**1,100**	ND	ND	ND
Anthracene	50.0	µg/L	**350**	ND	ND	ND
Carbazole	NE	µg/L	-	ND	ND	ND
Di-n-butyl phthalate	50.0	µg/L	-	ND	ND	**3 J**
Fluoranthene	50.0	µg/L	**270**	ND	ND	ND
Pyrene	50.0	µg/L	**480**	**3 J**	ND	ND
Butyl benzyl phthalate	50.0	µg/L	-	ND	ND	ND
3,3'-Dichlorobenzidine	5.0	µg/L	-	ND	ND	ND
Benz(a)anthracene	0.002	µg/L	**150**	**1 J**	ND	ND
Chrysene	0.002	µg/L	**140**	**1 J**	ND	ND
bis(2-ethylhexyl) phthalate	5.0	µg/L	ND	ND	ND	**82**
Di-n-octyl phthalate	50.0	µg/L	-	ND	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	-	**1 J**	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(a)pyrene	NE	µg/L	-	**2 J**	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	ND	ND	ND
Dibenz(a,h)anthracene)	NE	µg/L	-	ND	ND	ND
Benzo(g,h,i) perylene	NE	µg/L	-	ND	ND	ND
(3+4)-Methylphenol	NE	µg/L	-	ND	ND	ND
bis(2-chloroisopropyl) ether	NE	µg/L	-	ND	ND	ND

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 3F
Monitoring Well MW-8
Semi-Volatile Organic Analytical Test Results
153 Fillmore Avenue Site

Semi-Volatile Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/22/09
Phenol	1.0	µg/L	-	ND	ND	ND
bis(2-chloroethyl) ether	1.0	µg/L	-	ND	ND	ND
2-Chlorophenol	NE	µg/L	-	ND	ND	ND
1,3-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
1,4-Dichlorobenzene	3.0	µg/L	-	ND	ND	ND
2-Methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodi-n-propylamine	NE	µg/L	-	ND	ND	ND
Hexachloroethane	5.0	µg/L	-	ND	ND	ND
Nitrobenzene	0.4	µg/L	-	ND	ND	ND
Isophorone	50.0	µg/L	-	ND	ND	ND
2-Nitrophenol	NE	µg/L	ND	ND	ND	ND
2,4-Dimethylphenol	50.0	µg/L	ND	ND	ND	ND
bis(2-chloroethoxy) methane	5.0	µg/L	-	ND	ND	ND
2,4-Dichlorophenol	1.0	µg/L	-	ND	ND	ND
1,2,4-Trichlorobenzene	NE	µg/L	-	ND	ND	ND
Naphthalene	10.0	µg/L	ND	ND	ND	ND
4-Chloroaniline	5.0	µg/L	-	ND	ND	ND
Hexachlorobutadiene	0.5	µg/L	-	ND	ND	ND
4-Chloro-3-methylphenol	NE	µg/L	-	ND	ND	ND
2-Methylnaphthalene	NE	µg/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.0	µg/L	-	ND	ND	ND
2,4,6-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2,4,5-Trichlorophenol	NE	µg/L	-	ND	ND	ND
2-Chloro-phthalene	10.0	µg/L	-	ND	ND	ND
2-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Dimethyl phthalate	50.0	µg/L	-	ND	ND	ND
Acenaphthylene	NE	µg/L	-	ND	ND	ND
2,6-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
3-Nitroaniline	5.0	µg/L	-	ND	ND	ND
Acenaphthene	20.0	µg/L	**13**	**4 J**	**3 J**	**2 J**
2,4-Dinitrophenol	10.0	µg/L	-	ND	ND	ND
4-Nitrophenol	NE	µg/L	-	ND	ND	ND
Dibenzofuran	50.0	µg/L	ND	ND	ND	ND
2,4-Dinitrotoluene	5.0	µg/L	-	ND	ND	ND
Diethyl phthalate	50.0	µg/L	-	ND	ND	ND
4-Chlorophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Fluorene	50.0	µg/L	ND	ND	ND	ND
4-Nitroaniline	5.0	µg/L	-	ND	ND	ND
4,6-Dinitro-2-methylphenol	NE	µg/L	-	ND	ND	ND
N-Nitrosodiphenylamine	50.0	µg/L	-	ND	ND	ND
4-Bromophenyl phenyl ether	NE	µg/L	-	ND	ND	ND
Hexachlorobenzene	0.04	µg/L	-	ND	ND	ND
Pentachlorophenol	1.0	µg/L	-	ND	ND	ND
Phenanthrene	50.0	µg/L	**6**	ND	ND	ND
Anthracene	50.0	µg/L	ND	ND	ND	ND
Carbazole	NE	µg/L	-	ND	ND	ND
Di-n-butyl phthalate	50.0	µg/L	-	ND	ND	**4 J**
Fluoranthene	50.0	µg/L	**8**	ND	ND	ND
Pyrene	50.0	µg/L	**9**	ND	ND	ND
Butyl benzyl phthalate	50.0	µg/L	-	ND	ND	ND
3,3'-Dichlorobenzidine	5.0	µg/L	-	ND	ND	ND
Benz(a)anthracene	0.002	µg/L	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND
bis(2-ethylhexyl) phthalate	5.0	µg/L	**85**	ND	ND	**8 J**
Di-n-octyl phthalate	50.0	µg/L	-	ND	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	-	ND	ND	ND
Benzo(a)pyrene	NE	µg/L	-	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	ND	ND	ND
Dibenz(a,h)anthracene)	NE	µg/L	-	ND	ND	ND
Benzo(g,h,i) perylene	NE	µg/L	-	ND	ND	ND
(3+4)-Methylphenol	NE	µg/L	-	ND	ND	ND
bis(2-chloroisopropyl) ether	NE	µg/L	-	ND	ND	ND

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 4A
Monitoring Well MW-1
Inorganic Metals Analytical Test Results
153 Fillmore Avenue Site

Metals Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/22/09
Aluminum	2,000	µg/L	-	**4,760**
Antimony	6	µg/L	-	ND
Arsenic	50	µg/L	**11**	ND
Barium	2,000	µg/L	**301**	**265**
Beryllium	3	µg/L	-	ND
Cadmium	10	µg/L	ND	ND
Calcium	NE	µg/L	-	**188,000**
Chromium	50	µg/L	ND	ND
Cobalt	NE	µg/L	-	ND
Copper	1,000	µg/L	-	**16.6**
Iron	600	µg/L	-	**22,200**
Lead	50	µg/L	**7**	**3.78**
Magnesium	35,000	µg/L	-	**35,800**
Manganese	600	µg/L	-	**2,250**
Mercury	0.7	µg/L	ND	ND
Nickel	200	µg/L	-	ND
Potassium	NE	µg/L	-	**4,650**
Selenium	10	µg/L	-	ND
Silver	50	µg/L	-	ND
Sodium	NE	µg/L	-	**79,500**
Thallium	0.5	µg/L	-	ND
Vanadium	NE	µg/L	-	ND
Zinc	5,000	µg/L	-	**28.1**

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.

Bolded concentrations indicated the analyte was detected.

Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.

NE = NYSDEC TOGS 1.1.1 water quality standard not established.

ND - Not detected for at or above reporting limit

J - Analyte detected below quantitation limits

- = The analyte was not sampled for.

TABLE 4B
Monitoring Well MW-2
Inorganic Metals Analytical Test Results
153 Fillmore Avenue Site

Metals Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/22/09
Aluminum	2,000	µg/L	-	**3,250**
Antimony	6	µg/L	-	ND
Arsenic	50	µg/L	**5**	ND
Barium	2,000	µg/L	**73**	**261**
Beryllium	3	µg/L	-	ND
Cadmium	10	µg/L	ND	ND
Calcium	NE	µg/L	-	**213,000**
Chromium	50	µg/L	ND	ND
Cobalt	NE	µg/L	-	ND
Copper	1,000	µg/L	-	**29.1**
Iron	600	µg/L	-	**11,300**
Lead	50	µg/L	**2**	**13.1**
Magnesium	35,000	µg/L	-	**53,400**
Manganese	600	µg/L	-	**490**
Mercury	0.7	µg/L	ND	ND
Nickel	200	µg/L	-	ND
Potassium	NE	µg/L	-	**3,580**
Selenium	10	µg/L	-	ND
Silver	50	µg/L	-	ND
Sodium	NE	µg/L	-	**56,900**
Thallium	0.5	µg/L	-	ND
Vanadium	NE	µg/L	-	ND
Zinc	5,000	µg/L	-	**79.8**

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.

Bolded concentrations indicated the analyte was detected.

Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.

NE = NYSDEC TOGS 1.1.1 water quality standard not established.

ND - Not detected for at or above reporting limit

J - Analyte detected below quantitation limits

- = The analyte was not sampled for.

TABLE 4C
Monitoring Well MW-5
Inorganic Metals Analytical Test Results
153 Fillmore Avenue Site

Metals Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/22/09
Aluminum	2,000	µg/L	-	**1,440**	**5,740**	**6,990**
Antimony	6	µg/L	-	ND	ND	ND
Arsenic	50	µg/L	**11**	ND	ND	ND
Barium	2,000	µg/L	**2,390**	**160**	**666**	**522**
Beryllium	3	µg/L	-	ND	ND	ND
Cadmium	10	µg/L	**22**	ND	**7**	ND
Calcium	NE	µg/L	-	**164,000**	**163,000**	**193,000**
Chromium	50	µg/L	ND	ND	**13.9**	**22.1**
Cobalt	NE	µg/L	-	ND	ND	ND
Copper	1,000	µg/L	-	**20.8**	**45.9**	**79.1**
Iron	600	µg/L	-	**2,880**	**12,400**	**17,200**
Lead	50	µg/L	**580**	**64.5**	**231**	**527**
Magnesium	35,000	µg/L	-	**31,700**	**38,500**	**59,600**
Manganese	600	µg/L	-	**530**	**509**	**591**
Mercury	0.7	µg/L	ND	ND	ND	ND
Nickel	200	µg/L	-	ND	ND	ND
Potassium	NE	µg/L	-	ND	**4,270**	**2,030**
Selenium	10	µg/L	-	**8.1**	ND	ND
Silver	50	µg/L	-	ND	ND	ND
Sodium	NE	µg/L	-	**24,200**	**18,400**	**17,200**
Thallium	0.5	µg/L	-	ND	ND	ND
Vanadium	NE	µg/L	-	ND	ND	ND
Zinc	5,000	µg/L	-	**1,690**	**2,310**	**1,670**

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 4D
Monitoring Well MW-6
Inorganic Metals Analytical Test Results
153 Fillmore Avenue Site

Metals Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/23/09
Aluminum	2,000	µg/L	-	**148**	**1,630**	**843**
Antimony	6	µg/L	-	ND	ND	ND
Arsenic	50	µg/L	ND	ND	ND	ND
Barium	2,000	µg/L	**1,660**	**234**	**242**	**230**
Beryllium	3	µg/L	-	ND	ND	ND
Cadmium	10	µg/L	ND	ND	ND	ND
Calcium	NE	µg/L	-	**156,000**	**132,000**	**146,000**
Chromium	50	µg/L	**22**	ND	ND	ND
Cobalt	NE	µg/L	-	ND	ND	ND
Copper	1,000	µg/L	-	ND	ND	ND
Iron	600	µg/L	-	**7,270**	**10,700**	**8,050**
Lead	50	µg/L	**84**	ND	**5.91**	**3.82**
Magnesium	35,000	µg/L	-	**27,900**	**24,300**	**27,900**
Manganese	600	µg/L	-	**1,200**	**2,720**	**1,690**
Mercury	0.7	µg/L	**0.2**	ND	ND	ND
Nickel	200	µg/L	-	ND	ND	ND
Potassium	NE	µg/L	-	**2,190**	**3,190**	**3,260**
Selenium	10	µg/L	-	**13.5**	ND	ND
Silver	50	µg/L	-	ND	ND	ND
Sodium	NE	µg/L	-	**21,600**	**21,600**	**20,600**
Thallium	0.5	µg/L	-	ND	ND	ND
Vanadium	NE	µg/L	-	ND	ND	ND
Zinc	5,000	µg/L	-	**63.2**	**47.6**	**29.4**

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 4E
Monitoring Well MW-7
Inorganic Metals Analytical Test Results
153 Fillmore Avenue Site

Metals Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/23/09
Aluminum	2,000	µg/L	-	**3,390**	**22,700**	**4,050**
Antimony	6	µg/L	-	ND	ND	ND
Arsenic	50	µg/L	**6**	ND	ND	ND
Barium	2,000	µg/L	**163**	**76.2**	**173**	**96**
Beryllium	3	µg/L	-	ND	ND	ND
Cadmium	10	µg/L	ND	**11.7**	**40.2**	ND
Calcium	NE	µg/L	-	**145,000**	**299,000**	**166,000**
Chromium	50	µg/L	ND	**7.28**	**36.6**	ND
Cobalt	NE	µg/L	-	ND	**30.0**	ND
Copper	1,000	µg/L	-	**106**	**293**	**162**
Iron	600	µg/L	-	**11,200**	**38,000**	**15,200**
Lead	50	µg/L	**36**	**96.6**	**451**	**231**
Magnesium	35,000	µg/L	-	**38,100**	**60,500**	**30,600**
Manganese	600	µg/L	-	**942**	**2,210**	**1,380**
Mercury	0.7	µg/L	ND	ND	**0.211**	ND
Nickel	200	µg/L	-	ND	**112**	**36.8**
Potassium	NE	µg/L	-	**12,500**	**15,000**	**13,900**
Selenium	10	µg/L	-	**17.1**	ND	ND
Silver	50	µg/L	-	ND	ND	ND
Sodium	NE	µg/L	-	**72,900**	**34,500**	**88,600**
Thallium	0.5	µg/L	-	ND	ND	ND
Vanadium	NE	µg/L	-	ND	**46.0**	ND
Zinc	5,000	µg/L	-	**2,540**	**21,000**	**7,010**

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 4F
Monitoring Well MW-8
Inorganic Metals Analytical Test Results
153 Fillmore Avenue Site

Metals Compounds	NYSDEC TOGS 1.1.1 Water Quality Standards[1]	Units	08/08/01	07/26/07	08/27/08	07/22/09
Aluminum	2,000	µg/L	-	ND	**1,420**	**722**
Antimony	6	µg/L	-	ND	ND	ND
Arsenic	50	µg/L	**14**	ND	ND	ND
Barium	2,000	µg/L	**880**	**172**	**175**	**125**
Beryllium	3	µg/L	-	ND	ND	ND
Cadmium	10	µg/L	ND	ND	ND	ND
Calcium	NE	µg/L	-	**157,000**	**149,000**	**141,000**
Chromium	50	µg/L	**15**	ND	ND	ND
Cobalt	NE	µg/L	-	ND	ND	ND
Copper	1,000	µg/L	-	**10.4**	**15.0**	ND
Iron	600	µg/L	-	**3,230**	**4,640**	**3,120**
Lead	50	µg/L	**270**	ND	**15.4**	**5.42**
Magnesium	35,000	µg/L	-	**28,700**	**27,100**	**28,100**
Manganese	600	µg/L	-	**802**	**891**	**618**
Mercury	0.7	µg/L	ND	ND	ND	ND
Nickel	200	µg/L	-	ND	ND	ND
Potassium	NE	µg/L	-	**1,780**	**4,060**	**3,080**
Selenium	10	µg/L	-	**9.46**	ND	ND
Silver	50	µg/L	-	ND	ND	ND
Sodium	NE	µg/L	-	**30,100**	**24,000**	**22,600**
Thallium	0.5	µg/L	-	ND	ND	ND
Vanadium	NE	µg/L	-	ND	ND	ND
Zinc	5,000	µg/L	-	**189**	**630**	**250**

1. NYSDEC TOGS (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998. Class GA.
Bolded concentrations indicated the analyte was detected.
Bolded and shaded concentrations indicate exceedance of TOGS 1.1.1 criteria.
NE = NYSDEC TOGS 1.1.1 water quality standard not established.
ND - Not detected for at or above reporting limit
J - Analyte detected below quantitation limits
- = The analyte was not sampled for.

TABLE 5A
Monitoring Well MW-1
Groundwater Monitoring Well Data
153 Fillmore Avenue Site

Property	Units	07/22/09
Well Depth Top PVC	feet	13.5
Well Depth Elevation	feet	561.30
Depth to Static Water	feet	6.30
Height of Water	feet	7.20
Top PVC Elevation	feet	574.8
Static Water Level Elevation	feet	568.50
Well Casing Diameter	inch	2.0
Water Volume	gallon	3.64
Water Purged	gallon	3.64
Purging Method	-	Peristalic Pump

TABLE 5B
Monitoring Well MW-2
Groundwater Monitoring Well Data
153 Fillmore Avenue Site

Property	Units	07/22/09
Well Depth Top PVC	feet	13.5
Well Depth Elevation	feet	561.69
Depth to Static Water	feet	5.90
Height of Water	feet	7.60
Top PVC Elevation	feet	575.19
Static Water Level Elevation	feet	569.29
Well Casing Diameter	inch	2.0
Water Volume	gallon	3.67
Water Purged	gallon	3.67
Purging Method	-	Peristalic Pump

TABLE 5C
Monitoring Well MW-5
Groundwater Monitoring Well Data
153 Fillmore Avenue Site

Property	Units	10/17/01	07/26/07	08/27/08	07/22/09
Well Depth Top PVC	feet	15.5	15.5	15.5	15.5
Well Depth Elevation	feet	562.82	562.82	562.82	562.82
Depth to Static Water	feet	8.41	9.40	6.90	8.50
Height of Water	feet	7.09	6.10	8.60	7.00
Top PVC Elevation	feet	578.32	578.32	578.32	578.32
Static Water Level Elevation	feet	569.91	568.92	571.42	569.82
Well Casing Diameter	inch	1.0	1.0	1.0	1.0
Water Volume	gallon	0.64	0.55	0.77	1.90
Water Purged	gallon	1.91	1.65	1.00	1.50
Purging Method	-	-	Peristalic Pump	Peristalic Pump	Peristalic Pump

TABLE 5D
Monitoring Well MW-6
Groundwater Monitoring Well Data
153 Fillmore Avenue Site

Property	Units	10/17/01	07/26/07	08/27/08	07/23/09
Well Depth Top PVC	feet	17.3	17.3	17.3	17.3
Well Depth Elevation	feet	560.83	560.83	560.83	560.83
Depth to Static Water	feet	7.93	8.50	6.70	8.7
Height of Water	feet	9.37	8.80	10.60	8.60
Top PVC Elevation	feet	578.13	578.13	578.13	578.13
Static Water Level Elevation	feet	570.2	569.63	571.43	569.43
Well Casing Diameter	inch	1.0	1.0	1.0	1.0
Water Volume	gallon	0.84	0.79	0.95	2.34
Water Purged	gallon	2.53	2.38	2.86	2.34
Purging Method		-	Peristalic Pump	Peristalic Pump	Peristalic Pump

TABLE 5E
Monitoring Well MW-7
Groundwater Monitoring Well Data
153 Fillmore Avenue Site

Property	Units	10/17/01	07/26/07	08/27/08	07/23/09
Well Depth Top PVC	feet	23.5	23.5	23.5	23.5
Well Depth Elevation	feet	562.76	562.76	562.76	562.76
Depth to Static Water	feet	4.86	16.50	14.70	(1)
Height of Water	feet	18.64	7.00	8.80	(1)
Top PVC Elevation	feet	586.26	586.26	586.26	586.26
Static Water Level Elevation	feet	581.4	569.76	571.56	(1)
Well Casing Diameter	inch	1.0	1.0	1.0	1.0
Water Volume	gallon	1.68	0.63	0.79	(1)
Water Purged	gallon	5.03	1.89	1.50	1.50
Purging Method	-	-	Peristalic Pump	Peristalic Pump	Peristalic Pump

Note: 1. There was an obstruction in the well at a depth of 8.8 feet in which the water level indicator could proceed further down the well. The initial static water level from 2007 and 2008 were used to determine the amount of water to be purged.

TABLE 5F
Monitoring Well MW-8
Groundwater Monitoring Well Data
153 Fillmore Avenue Site

Property	Units	10/17/01	07/26/07	08/27/08	07/22/09
Well Depth Top PVC	feet	17.5	17.5	17.5	17.5
Well Depth Elevation	feet	560.93	560.93	560.93	560.93
Depth to Static Water	feet	8.16	8.50	6.90	7.8
Height of Water	feet	9.34	9.00	10.60	9.70
Top PVC Elevation	feet	578.43	578.43	578.43	578.43
Static Water Level Elevation	feet	570.27	569.93	571.53	570.63
Well Casing Diameter	inch	1.0	1.0	1.0	1.0
Water Volume	gallon	0.84	0.81	0.95	2.62
Water Purged	gallon	2.52	2.43	3.00	2.62
Purging Method	-	-	Peristalic Pump	Peristalic Pump	Peristalic Pump

APPENDICES

STEARNS & WHELER LLC
Environmental Engineers & Scientists

APPENDIX A

Geotechnical Well Installation Logs

STEARNS & WHELER LLC
Environmental Engineers & Scientists

Stearns & Wheler, LLC

Environmental Engineers and Scientists

Boring/Well: MW-1

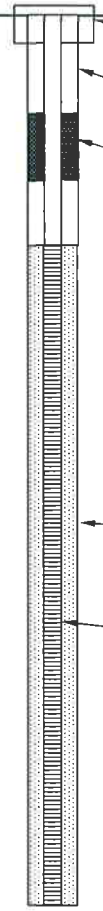
Page 1 of 1

Project No. 71164.11
Start Date: 07/08/09
Finish Date: 07/08/09

Weather: Partly Clear 70°

Project Name: 153 Fillmore Avenue Groundwater Monitoring
Drilling Co.: SJB Services
S&W Representative: BPD/DER
Drill Rig Type: Hollow Stem Auger
Drilling Method: Spilt Spoon

Depth (ft)	Sample No.	Recovery (%)	# of Blows	USCS Classification	Sample Description	Well Schematic	Comments
	S-1	63	5				
1			5				
			4	GW	Gray Gravel with cobbles (Fill) 1.5		
2			9	CL	Reddish-brown Silty Clay with gravel (Fill)		
	S-2	83	4		- dry		
3			3		- asphalt 3.0'		
			21	ML	Tan Clayey Silt		
4			10		-wet		
	S-3	17	1				
5			2				
			1		5.5'		
6			1	ML	Dark brown Gravely Silt		
	S-4	94	2		6.5'		
7			3	MH	Grayish tan fine Sandy Silt		
			5		-wet		
8			6		- grades to grayish, brown Silt		Sandpack filter
	S-5	92	1				
9			2				
			2		9.5'		0.20" Slot Well Screen
10			6	OL	Grayish Clayey Silt		
	S-6	58	1		-wet		
11			3		11.0'		
			6	MH	Light brownish, gray fine Sandy Silt		
12			8		12.0'		
	S-7	92	8	GW	Gray coarse Sandy Gravel with 1" cobbles		
13			8		-wet, no odor 13.0'		
			24	CH	Grayish-brown Silty Clay		
14			25				
15							
					Augered to 15.5'		
16							



Stearns & Wheler, LLC

Environmental Engineers and Scientists

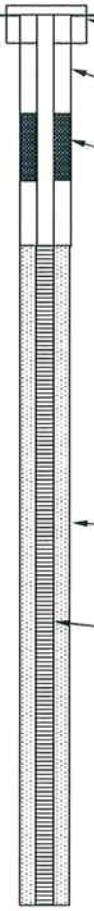
Boring/Well: MW-2

Page 1 of 1

Project No. 71164.11
Start Date: 07/08/09
Finish Date: 07/08/09

Weather: Partly Clear 70°

Project Name: 153 Fillmore Avenue Groundwater Monitoring
Drilling Co.: SJB Services
S&W Representative: BPD/DER
Drill Rig Type: Hollow Stem Auger
Drilling Method: Spilt Spoon

Depth (ft)	Sample No.	Recovery (%)	# of Blows	USCS Classification	Sample Description	Well Schematic	Comments
			7	ML	Dark brown Silt (Fill)		Curb Box
1	S-1	79	8		-dry, loose 1.0'		Cement Grout
			7	ML	Reddish-brown Clayey Silt (fill)		
2			4		2.0'		Bentonite Seal
			5	MH	Grayish Sandy Silt		
3	S-2	88	7		- modeled with light orange 3.0'		
			8		- some gravel		
4			9		-grades to reddish, brown silt		
			2				
5	S-3	88	3		5.0'		
			2		Brownish gray, fine Sandy Silt		
6			2		- wet		
			1				
7	S-4	83	1				
			3		- grades to reddish, brown Silt		Sandpack filter
8			3				
			5				
9	S-5	71	7				0.20" Slot Well Screen
			29				
10			16	ML	Grayish Clayey Silt with cobbles 9.5'		
			1	GW	Grayish Silty Gravel with 2" cobbles		
11	S-6	38	31		- wet		
			26		- no odor		
12			25				
			19				
13	S-7	83	20		13.0'		
			9	CH	Grayish-brown Silty Clay 13.5'		
14			7		Augered to 13.5'		
15							
16							

APPENDIX B

Groundwater Field Sampling Logs

STEARNS & WHELER LLC
Environmental Engineers & Scientists

STEARNS & WHELER GHD INC.
GROUNDWATER FIELD SAMPLING RECORD

SITE 153 Fillmore Ave DATE 07/22/09

Sampler: Brian Doyle SAMPLE ID MW-01

Depth of well (from top of casing).....	13.83 ft	EL 560.97
Initial static water level (from top of casing)....	6.3 ft	EL 568.55
Top of PVC Casing Elevation	574.80	

Evacuation Method:

Peristaltic	X	Centrifugal		1 in. casing:		ft. of water x .09 =	gallons
Airlift		Pos. Displ.		2 in. casing:	7.6	ft. of water x .16 =	1.21 gallons
Bailer		>>> No. of bails		3 in. casing:		ft. of water x .36 =	gallons

Well Volume Calculation

Volume of water removed 3.64 gals.

> 3 volumes: yes **no**

dry: **yes** no

Field Tests:

Temp:	NA C
pH	6.67
Conductivity	1.34 mS/cm
DO	NA mg/L
Turbidity	NA NTUs
Oxidation Reduction Potential (ORP)	-60.0 mV

Sampling: Time: 10:00 AM

Sampling Method:

Peristaltic Pump	X
Disposable Bailer	
Disposable Tubing	X

Observations:

Weather/Temperature: Overcast, 75° F

Physical Appearance and Odor of Sample: Light brown, murky. No odor

Comments: The field parameter probe was not functioning properly for the temperature and dissolved oxygen readings. Field equipment unable to record a turbidity reading due to very murky water.

STEARNS & WHELER GHD INC.
GROUNDWATER FIELD SAMPLING RECORD

SITE 153 Fillmore Ave DATE 07/22/09

Sampler: Brian Doyle SAMPLE ID MW-02

Depth of well (from top of casing).....	13.5 ft	EL 561.69
Initial static water level (from top of casing)....	5.9 ft	EL 569.34
Top of PVC Casing Elevation	575.19	

Evacuation Method:

Peristaltic	X	Centrifugal		1 in. casing:		ft. of water x .09 =	gallons
Airlift		Pos. Displ.		2 in. casing:	7.7	ft. of water x .16 =	1.22 gallons
Bailer		>>> No. of bails		3 in. casing:		ft. of water x .36 =	gallons

Well Volume Calculation

Volume of water removed 3.67 gals.

> 3 volumes: yes no

dry: yes no

Field Tests:

Temp:	NA	C
pH	6.83	
Conductivity	1.17	mS/cm
DO	0.72	mg/L
Turbidity	NA	NTUs
Oxidation Reduction Potential (ORP)	-80.0	mV

Sampling: Time: 11:00 AM

Sampling Method:

Peristaltic Pump	X
Disposable Bailer	
Disposable Tubing	X

Observations:

Weather/Temperature: Overcast, 75° F

Physical Appearance and Odor of Sample: Brown, very murky and turbid

Comments: The field parameter probe was not functioning properly for the temperature reading.
Field equipment unable to record a turbidity reading due to very murky water.

STEARNS & WHELER GHD INC.
GROUNDWATER FIELD SAMPLING RECORD

SITE 153 Fillmore Ave DATE 07/22/09

Sampler: Brian Doyle SAMPLE ID MW-05

Depth of well (from top of casing).....	15.5 ft	EL 562.82
Initial static water level (from top of casing)....	8.5 ft	EL 569.87
Top of PVC Casing Elevation	578.32	

Evacuation Method:

Peristaltic	X	Centrifugal		1 in. casing:	7.1	ft. of water x .09 =	0.63 gallons
Airlift		Pos. Displ.		2 in. casing:		ft. of water x .16 =	gallons
Bailer		>>> No. of bails		3 in. casing:		ft. of water x .36 =	gallons

Well Volume Calculation

Volume of water removed 1.90 gals.

> 3 volumes: yes **no**

dry: **yes** no

Field Tests:

Temp:	NA	C
pH	6.89	
Conductivity	1.02	mS/cm
DO	0.67	mg/L
Turbidity	NA	NTUs
Oxidation Reduction Potential (ORP)	-70.0	mV

Sampling: Time: 12:30 PM

Sampling Method:

Peristaltic Pump	X
Disposable Bailer	
Disposable Tubing	X

Observations:

Weather/Temperature: Overcast, 75° F

Physical Appearance and Odor of Sample: Grayish, murky with slight sulfer odor.

Comments: Approximately 1.5 gallons of water was removed before well went dry.
The field parameter probe was not functioning properly for the temperature reading.
Field equipment unable to record a turbidity reading due to very murky water.

STEARNS & WHELER GHD INC.
GROUNDWATER FIELD SAMPLING RECORD

SITE 153 Fillmore Ave DATE 07/22/09

Sampler: Brian Doyle SAMPLE ID MW-06; Field Duplicate

Depth of well (from top of casing).....	17.3 ft	EL 560.83
Initial static water level (from top of casing)....	8.7 ft	EL 569.48
Top of PVC Casing Elevation	578.13	

Evacuation Method:

Peristaltic	X	Centrifugal		1 in. casing:	8.7	ft. of water x .09 =	0.78 gallons
Airlift		Pos. Displ.		2 in. casing:		ft. of water x .16 =	gallons
Bailer		>>> No. of bails		3 in. casing:		ft. of water x .36 =	gallons

Well Volume Calculation

Volume of water removed 2.34 gals.

> 3 volumes: **yes** no

dry: yes **no**

Field Tests:

Temp:	NA	C
pH	6.81	
Conductivity	0.969	mS/cm
DO	0.28	mg/L
Turbidity	685	NTUs
Oxidation Reduction Potential (ORP)	-100.0	mV

Sampling: Time: 11:00 AM

Sampling Method:

Peristaltic Pump	X
Disposable Bailer	
Disposable Tubing	X

Observations:

Weather/Temperature: Overcast, 75° F

Physical Appearance and Odor of Sample: Oil residue throughout purging and sampling. Strong odor.

Comments: The field parameter probe was not functioning properly for the temperature reading.

STEARNS & WHELER GHD INC.
GROUNDWATER FIELD SAMPLING RECORD

SITE 153 Fillmore Ave DATE 07/23/09

Sampler: Brian Doyle SAMPLE ID MW-07

Depth of well (from top of casing).....	23.5 ft	EL 562.76
Initial static water level (from top of casing)....	(See Comments) ft	EL
Top of PVC Casing Elevation	586.26	

Evacuation Method:

Peristaltic	X	Centrifugal		1 in. casing:		ft. of water x .09 =	gallons
Airlift		Pos. Displ.		2 in. casing:		ft. of water x .16 =	gallons
Bailer		>>> No. of bails		3 in. casing:		ft. of water x .36 =	gallons

Well Volume Calculation

Volume of water removed _____ gals.

> 3 volumes: yes **no**

dry: **yes** no

Field Tests:

Temp:	NA C
pH	6.19
Conductivity	0.841 mS/cm
DO	NA mg/L
Turbidity	802 NTUs
Oxidation Reduction Potential (ORP)	18.0 mV

Sampling: Time: 12:30 PM

Sampling Method:

Peristaltic Pump	X
Disposable Bailer	
Disposable Tubing	X

Observations:

Weather/Temperature: Overcast, 75° F

Physical Appearance and Odor of Sample: Light brown, murky. Slight odor.

Comments: The field parameter probe was not functioning properly for the temperature and dissolved oxygen readings. There was an obstruction in the well at a depth of 8.8 feet in which the water level indicator could proceed further down the well. The initial static water level from 2007 and 2008 were used to determine the amount of water to be purged.
Approximately 1.5 gallons of water was removed before well went dry.

STEARNS & WHELER GHD INC.
GROUNDWATER FIELD SAMPLING RECORD

SITE 153 Fillmore Ave DATE 07/22/09

Sampler: Brian Doyle SAMPLE ID MW-08

Depth of well (from top of casing).....	17.5 ft	EL 560.93
Initial static water level (from top of casing)....	7.8 ft	EL 570.63
Top of PVC Casing Elevation	578.43	

Evacuation Method:

Peristaltic	X	Centrifugal		1 in. casing:	9.7	ft. of water x .09 =	0.87 gallons
Airlift		Pos. Displ.		2 in. casing:		ft. of water x .16 =	gallons
Bailer		>>> No. of bails		3 in. casing:		ft. of water x .36 =	gallons

Well Volume Calculation

Volume of water removed 2.62 gals.

> 3 volumes: **yes** no

dry: yes **no**

Field Tests:

Temp:	NA	C
pH	6.91	
Conductivity	0.976	mS/cm
DO	0.47	mg/L
Turbidity	338	NTUs
Oxidation Reduction Potential (ORP)	-73.0	mV

Sampling: Time: 11:45 AM

Sampling Method:

Peristaltic Pump	X
Disposable Bailer	
Disposable Tubing	X

Observations:

Weather/Temperature: Overcast, 75° F

Physical Appearance and Odor of Sample: Turbid with some sediment initally, greish black. No odor.

Comments: The field parameter probe was not functioning properly for the temperature reading.

APPENDIX C

Laboratory Analytical Results

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-1
Lab Order: U0907460
Collection Date: 7/22/2009 10:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP			**E200.7**		**(E200.7)**	Analyst: **DEY**
Aluminum	4760	100		µg/L	1	9/9/2009 3:57:02 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 3:57:02 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 3:57:02 PM
Barium	265	50.0		µg/L	1	9/9/2009 3:57:02 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 3:57:02 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 3:57:02 PM
Calcium	188000	1000		µg/L	1	9/9/2009 3:57:02 PM
Chromium	ND	10.0		µg/L	1	9/9/2009 3:57:02 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 3:57:02 PM
Copper	16.6	10.0		µg/L	1	9/9/2009 3:57:02 PM
Iron	22200	60.0		µg/L	1	9/9/2009 3:57:02 PM
Lead	3.78	3.00		µg/L	1	9/9/2009 3:57:02 PM
Magnesium	35800	1000		µg/L	1	9/9/2009 3:57:02 PM
Manganese	2250	10.0		µg/L	1	9/9/2009 3:57:02 PM
Nickel	ND	30.0		µg/L	1	9/9/2009 3:57:02 PM
Potassium	4650	1000		µg/L	1	9/9/2009 3:57:02 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 3:57:02 PM
Sodium	79500	1000		µg/L	1	9/9/2009 3:57:02 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 3:57:02 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 3:57:02 PM
Zinc	28.1	10.0		µg/L	1	9/11/2009 10:26:49 AM
TOTAL MERCURY WATERS ASP			**E245.2**		**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 11:53:35 AM
TCL-SEMIVOLATILE ORGANICS			**SW8270C**		**(SW3520)**	Analyst: **LD**
Phenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2-Chlorophenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2-Methylphenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Hexachloroethane	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Nitrobenzene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Isophorone	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2-Nitrophenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-1
Lab Order: U0907460
Collection Date: 7/22/2009 10:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Naphthalene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
4-Chloroaniline	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2-Nitroaniline	ND	24		µg/L	1	8/26/2009 4:34:00 PM
Dimethyl phthalate	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Acenaphthylene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
3-Nitroaniline	ND	24		µg/L	1	8/26/2009 4:34:00 PM
Acenaphthene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,4-Dinitrophenol	ND	24		µg/L	1	8/26/2009 4:34:00 PM
4-Nitrophenol	ND	24		µg/L	1	8/26/2009 4:34:00 PM
Dibenzofuran	ND	10		µg/L	1	8/26/2009 4:34:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Diethyl phthalate	ND	10		µg/L	1	8/26/2009 4:34:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Fluorene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
4-Nitroaniline	ND	24		µg/L	1	8/26/2009 4:34:00 PM
4,6-Dinitro-2-methylphenol	ND	24		µg/L	1	8/26/2009 4:34:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/26/2009 4:34:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Hexachlorobenzene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Pentachlorophenol	ND	24		µg/L	1	8/26/2009 4:34:00 PM
Phenanthrene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Anthracene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Carbazole	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Di-n-butyl phthalate	2	10	J	µg/L	1	8/26/2009 4:34:00 PM
Fluoranthene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Pyrene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	8/26/2009 4:34:00 PM
3,3´-Dichlorobenzidine	ND	10		µg/L	1	8/26/2009 4:34:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-1
Lab Order: U0907460
Collection Date: 7/22/2009 10:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Chrysene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Bis(2-ethylhexyl)phthalate	8	10	J	µg/L	1	8/26/2009 4:34:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/26/2009 4:34:00 PM
(3+4)-Methylphenol	ND	10		µg/L	1	8/26/2009 4:34:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/26/2009 4:34:00 PM

NOTES:
TICS: No compounds were detected.

ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Vinyl chloride	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Bromomethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Chloroethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Acetone	ND	10		µg/L	1	7/31/2009 1:34:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Carbon disulfide	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Methylene chloride	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
2-Butanone	ND	10		µg/L	1	7/31/2009 1:34:00 PM
cis-1,2-Dichloroethene	5.5	5.0		µg/L	1	7/31/2009 1:34:00 PM
Chloroform	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Benzene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Trichloroethene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/31/2009 1:34:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Toluene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-1
Lab Order: U0907460
Collection Date: 7/22/2009 10:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
2-Hexanone	ND	10		µg/L	1	7/31/2009 1:34:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Chlorobenzene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Ethylbenzene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
m,p-Xylene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
o-Xylene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Styrene	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
Bromoform	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	7/31/2009 1:34:00 PM

NOTES:
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-2
Lab Order: U0907460
Collection Date: 7/22/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP				**E200.7**	**(E200.7)**	Analyst: **DEY**
Aluminum	3250	100		µg/L	1	9/9/2009 4:03:19 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 4:03:19 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 4:03:19 PM
Barium	261	50.0		µg/L	1	9/9/2009 4:03:19 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 4:03:19 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 4:03:19 PM
Calcium	213000	1000		µg/L	1	9/9/2009 4:03:19 PM
Chromium	ND	10.0		µg/L	1	9/9/2009 4:03:19 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 4:03:19 PM
Copper	29.1	10.0		µg/L	1	9/9/2009 4:03:19 PM
Iron	11300	60.0		µg/L	1	9/9/2009 4:03:19 PM
Lead	13.1	3.00		µg/L	1	9/9/2009 4:03:19 PM
Magnesium	53400	1000		µg/L	1	9/9/2009 4:03:19 PM
Manganese	490	10.0		µg/L	1	9/9/2009 4:03:19 PM
Nickel	ND	30.0		µg/L	1	9/9/2009 4:03:19 PM
Potassium	3580	1000		µg/L	1	9/9/2009 4:03:19 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 4:03:19 PM
Sodium	56900	1000		µg/L	1	9/9/2009 4:03:19 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 4:03:19 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 4:03:19 PM
Zinc	79.8	10.0		µg/L	1	9/11/2009 10:33:19 AM
TOTAL MERCURY WATERS ASP				**E245.2**	**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 11:54:38 AM
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Phenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2-Chlorophenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2-Methylphenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Hexachloroethane	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Nitrobenzene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Isophorone	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2-Nitrophenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-2
Lab Order: U0907460
Collection Date: 7/22/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Naphthalene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
4-Chloroaniline	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2-Nitroaniline	ND	24		µg/L	1	8/26/2009 5:13:00 PM
Dimethyl phthalate	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Acenaphthylene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
3-Nitroaniline	ND	24		µg/L	1	8/26/2009 5:13:00 PM
Acenaphthene	1	10	J	µg/L	1	8/26/2009 5:13:00 PM
2,4-Dinitrophenol	ND	24		µg/L	1	8/26/2009 5:13:00 PM
4-Nitrophenol	ND	24		µg/L	1	8/26/2009 5:13:00 PM
Dibenzofuran	ND	10		µg/L	1	8/26/2009 5:13:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Diethyl phthalate	ND	10		µg/L	1	8/26/2009 5:13:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Fluorene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
4-Nitroaniline	ND	24		µg/L	1	8/26/2009 5:13:00 PM
4,6-Dinitro-2-methylphenol	ND	24		µg/L	1	8/26/2009 5:13:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/26/2009 5:13:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Hexachlorobenzene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Pentachlorophenol	ND	24		µg/L	1	8/26/2009 5:13:00 PM
Phenanthrene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Anthracene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Carbazole	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Di-n-butyl phthalate	2	10	J	µg/L	1	8/26/2009 5:13:00 PM
Fluoranthene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Pyrene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	8/26/2009 5:13:00 PM
3,3´-Dichlorobenzidine	ND	10		µg/L	1	8/26/2009 5:13:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-2
Lab Order: U0907460
Collection Date: 7/22/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Chrysene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Bis(2-ethylhexyl)phthalate	9	10	J	µg/L	1	8/26/2009 5:13:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/26/2009 5:13:00 PM
(3+4)-Methylphenol	ND	10		µg/L	1	8/26/2009 5:13:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/26/2009 5:13:00 PM
TIC: n-Hexadecanoic acid	4.1	0		µg/L	1	8/26/2009 5:13:00 PM
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Vinyl chloride	82	5.0		µg/L	1	7/31/2009 2:12:00 PM
Bromomethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Chloroethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Acetone	ND	10		µg/L	1	7/31/2009 2:12:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Carbon disulfide	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Methylene chloride	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
trans-1,2-Dichloroethene	4	5.0	J	µg/L	1	7/31/2009 2:12:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
2-Butanone	ND	10		µg/L	1	7/31/2009 2:12:00 PM
cis-1,2-Dichloroethene	130	5.0		µg/L	1	7/31/2009 2:12:00 PM
Chloroform	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Benzene	6.7	5.0		µg/L	1	7/31/2009 2:12:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Trichloroethene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/31/2009 2:12:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Toluene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-2
Lab Order: U0907460
Collection Date: 7/22/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
1,1,2-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
2-Hexanone	ND	10		µg/L	1	7/31/2009 2:12:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Chlorobenzene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Ethylbenzene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
m,p-Xylene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
o-Xylene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Styrene	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
Bromoform	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	7/31/2009 2:12:00 PM

NOTES:
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-5
Lab Order: U0907460
Collection Date: 7/22/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP				**E200.7**	**(E200.7)**	Analyst: **DEY**
Aluminum	6990	100		µg/L	1	9/9/2009 4:09:33 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 4:09:33 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 4:09:33 PM
Barium	522	50.0		µg/L	1	9/9/2009 4:09:33 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 4:09:33 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 4:09:33 PM
Calcium	193000	1000		µg/L	1	9/9/2009 4:09:33 PM
Chromium	22.1	10.0		µg/L	1	9/9/2009 4:09:33 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 4:09:33 PM
Copper	79.1	10.0		µg/L	1	9/9/2009 4:09:33 PM
Iron	17200	60.0		µg/L	1	9/9/2009 4:09:33 PM
Lead	527	3.00		µg/L	1	9/9/2009 4:09:33 PM
Magnesium	59600	1000		µg/L	1	9/9/2009 4:09:33 PM
Manganese	591	10.0		µg/L	1	9/9/2009 4:09:33 PM
Nickel	ND	30.0		µg/L	1	9/9/2009 4:09:33 PM
Potassium	2030	1000		µg/L	1	9/9/2009 4:09:33 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 4:09:33 PM
Sodium	17200	1000		µg/L	1	9/9/2009 4:09:33 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 4:09:33 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 4:09:33 PM
Zinc	1670	10.0		µg/L	1	9/11/2009 10:39:43 AM
TOTAL MERCURY WATERS ASP				**E245.2**	**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 11:55:47 AM
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Phenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2-Chlorophenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2-Methylphenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Hexachloroethane	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Nitrobenzene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Isophorone	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2-Nitrophenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-5
Lab Order: U0907460
Collection Date: 7/22/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Naphthalene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
4-Chloroaniline	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2-Nitroaniline	ND	24		µg/L	1	8/26/2009 5:52:00 PM
Dimethyl phthalate	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Acenaphthylene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
3-Nitroaniline	ND	24		µg/L	1	8/26/2009 5:52:00 PM
Acenaphthene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,4-Dinitrophenol	ND	24		µg/L	1	8/26/2009 5:52:00 PM
4-Nitrophenol	ND	24		µg/L	1	8/26/2009 5:52:00 PM
Dibenzofuran	ND	10		µg/L	1	8/26/2009 5:52:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Diethyl phthalate	ND	10		µg/L	1	8/26/2009 5:52:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Fluorene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
4-Nitroaniline	ND	24		µg/L	1	8/26/2009 5:52:00 PM
4,6-Dinitro-2-methylphenol	ND	24		µg/L	1	8/26/2009 5:52:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/26/2009 5:52:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Hexachlorobenzene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Pentachlorophenol	ND	24		µg/L	1	8/26/2009 5:52:00 PM
Phenanthrene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Anthracene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Carbazole	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Di-n-butyl phthalate	3	10	J	µg/L	1	8/26/2009 5:52:00 PM
Fluoranthene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Pyrene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	8/26/2009 5:52:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/26/2009 5:52:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-5
Lab Order: U0907460
Collection Date: 7/22/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Chrysene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Bis(2-ethylhexyl)phthalate	7	10	J	µg/L	1	8/26/2009 5:52:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/26/2009 5:52:00 PM
(3+4)-Methylphenol	ND	10		µg/L	1	8/26/2009 5:52:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/26/2009 5:52:00 PM
TIC: n-Hexadecanoic acid	4.6	0		µg/L	1	8/26/2009 5:52:00 PM
TIC: Pentadecane	3.5	0		µg/L	1	8/26/2009 5:52:00 PM
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Vinyl chloride	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Bromomethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Chloroethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Acetone	ND	10		µg/L	1	7/31/2009 2:51:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Carbon disulfide	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Methylene chloride	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
2-Butanone	ND	10		µg/L	1	7/31/2009 2:51:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Chloroform	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Benzene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Trichloroethene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/31/2009 2:51:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Toluene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-5
Lab Order: U0907460
Collection Date: 7/22/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
2-Hexanone	ND	10		µg/L	1	7/31/2009 2:51:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Chlorobenzene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Ethylbenzene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
m,p-Xylene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
o-Xylene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Styrene	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
Bromoform	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	7/31/2009 2:51:00 PM
TIC: Indan, 1-methyl-	6.6	0		µg/L	1	7/31/2009 2:51:00 PM
TIC: Indane	7.8	0		µg/L	1	7/31/2009 2:51:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-8
Lab Order: U0907460
Collection Date: 7/22/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP				**E200.7**	**(E200.7)**	Analyst: **DEY**
Aluminum	722	100		µg/L	1	9/9/2009 4:15:49 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 4:15:49 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 4:15:49 PM
Barium	125	50.0		µg/L	1	9/9/2009 4:15:49 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 4:15:49 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 4:15:49 PM
Calcium	141000	1000		µg/L	1	9/9/2009 4:15:49 PM
Chromium	ND	10.0		µg/L	1	9/9/2009 4:15:49 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 4:15:49 PM
Copper	ND	10.0		µg/L	1	9/9/2009 4:15:49 PM
Iron	3120	60.0		µg/L	1	9/9/2009 4:15:49 PM
Lead	5.42	3.00		µg/L	1	9/9/2009 4:15:49 PM
Magnesium	28100	1000		µg/L	1	9/9/2009 4:15:49 PM
Manganese	618	10.0		µg/L	1	9/9/2009 4:15:49 PM
Nickel	ND	30.0		µg/L	1	9/9/2009 4:15:49 PM
Potassium	3080	1000		µg/L	1	9/9/2009 4:15:49 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 4:15:49 PM
Sodium	22600	1000		µg/L	1	9/9/2009 4:15:49 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 4:15:49 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 4:15:49 PM
Zinc	250	10.0		µg/L	1	9/11/2009 10:45:52 AM
TOTAL MERCURY WATERS ASP				**E245.2**	**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 11:57:50 AM
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Phenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2-Chlorophenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2-Methylphenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Hexachloroethane	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Nitrobenzene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Isophorone	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2-Nitrophenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-8
Lab Order: U0907460
Collection Date: 7/22/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Naphthalene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
4-Chloroaniline	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2-Nitroaniline	ND	24		µg/L	1	8/26/2009 6:31:00 PM
Dimethyl phthalate	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Acenaphthylene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
3-Nitroaniline	ND	24		µg/L	1	8/26/2009 6:31:00 PM
Acenaphthene	2	10	J	µg/L	1	8/26/2009 6:31:00 PM
2,4-Dinitrophenol	ND	24		µg/L	1	8/26/2009 6:31:00 PM
4-Nitrophenol	ND	24		µg/L	1	8/26/2009 6:31:00 PM
Dibenzofuran	ND	10		µg/L	1	8/26/2009 6:31:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Diethyl phthalate	ND	10		µg/L	1	8/26/2009 6:31:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Fluorene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
4-Nitroaniline	ND	24		µg/L	1	8/26/2009 6:31:00 PM
4,6-Dinitro-2-methylphenol	ND	24		µg/L	1	8/26/2009 6:31:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/26/2009 6:31:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Hexachlorobenzene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Pentachlorophenol	ND	24		µg/L	1	8/26/2009 6:31:00 PM
Phenanthrene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Anthracene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Carbazole	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Di-n-butyl phthalate	4	10	J	µg/L	1	8/26/2009 6:31:00 PM
Fluoranthene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Pyrene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	8/26/2009 6:31:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/26/2009 6:31:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Lab Order: U0907460
Project: 153 Fillmore Avenue
Lab ID: U0907460-004

Client Sample ID: MW-8
Collection Date: 7/22/2009 11:45:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Chrysene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Bis(2-ethylhexyl)phthalate	8	10	J	µg/L	1	8/26/2009 6:31:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/26/2009 6:31:00 PM
(3+4)-Methylphenol	ND	10		µg/L	1	8/26/2009 6:31:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/26/2009 6:31:00 PM
NOTES: TICS: No compounds were detected.						
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Vinyl chloride	190	25		µg/L	5	7/31/2009 3:29:00 PM
Bromomethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Chloroethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Acetone	ND	50		µg/L	5	7/31/2009 3:29:00 PM
1,1-Dichloroethene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Carbon disulfide	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Methylene chloride	ND	25		µg/L	5	7/31/2009 3:29:00 PM
trans-1,2-Dichloroethene	20	25	J	µg/L	5	7/31/2009 3:29:00 PM
1,1-Dichloroethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
2-Butanone	ND	50		µg/L	5	7/31/2009 3:29:00 PM
cis-1,2-Dichloroethene	370	25		µg/L	5	7/31/2009 3:29:00 PM
Chloroform	ND	25		µg/L	5	7/31/2009 3:29:00 PM
1,1,1-Trichloroethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Carbon tetrachloride	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Benzene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
1,2-Dichloroethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Trichloroethene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
1,2-Dichloropropane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Bromodichloromethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	7/31/2009 3:29:00 PM
cis-1,3-Dichloropropene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Toluene	ND	25		µg/L	5	7/31/2009 3:29:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-8
Lab Order: U0907460
Collection Date: 7/22/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
trans-1,3-Dichloropropene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
1,1,2-Trichloroethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
2-Hexanone	ND	50		µg/L	5	7/31/2009 3:29:00 PM
Tetrachloroethene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Dibromochloromethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Chlorobenzene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Ethylbenzene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
m,p-Xylene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
o-Xylene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Styrene	ND	25		µg/L	5	7/31/2009 3:29:00 PM
Bromoform	ND	25		µg/L	5	7/31/2009 3:29:00 PM
1,1,2,2-Tetrachloroethane	ND	25		µg/L	5	7/31/2009 3:29:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: FD @ MW-8
Lab Order: U0907460
Collection Date: 7/2/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP			**E200.7**		**(E200.7)**	Analyst: **DEY**
Aluminum	1420	100		µg/L	1	9/9/2009 4:22:07 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 4:22:07 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 4:22:07 PM
Barium	130	50.0		µg/L	1	9/9/2009 4:22:07 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 4:22:07 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 4:22:07 PM
Calcium	147000	1000		µg/L	1	9/9/2009 4:22:07 PM
Chromium	ND	10.0		µg/L	1	9/9/2009 4:22:07 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 4:22:07 PM
Copper	12.7	10.0		µg/L	1	9/9/2009 4:22:07 PM
Iron	4470	60.0		µg/L	1	9/9/2009 4:22:07 PM
Lead	11.9	3.00		µg/L	1	9/9/2009 4:22:07 PM
Magnesium	30200	1000		µg/L	1	9/9/2009 4:22:07 PM
Manganese	667	10.0		µg/L	1	9/9/2009 4:22:07 PM
Nickel	ND	30.0		µg/L	1	9/9/2009 4:22:07 PM
Potassium	3170	1000		µg/L	1	9/9/2009 4:22:07 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 4:22:07 PM
Sodium	22900	1000		µg/L	1	9/9/2009 4:22:07 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 4:22:07 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 4:22:07 PM
Zinc	507	10.0		µg/L	1	9/11/2009 10:52:01 AM
TOTAL MERCURY WATERS ASP			**E245.2**		**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 11:58:52 AM
TCL-SEMIVOLATILE ORGANICS			**SW8270C**		**(SW3520)**	Analyst: **LD**
Phenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2-Chlorophenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2-Methylphenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Hexachloroethane	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Nitrobenzene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Isophorone	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2-Nitrophenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: FD @ MW-8
Lab Order: U0907460
Collection Date: 7/2/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Naphthalene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
4-Chloroaniline	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2-Nitroaniline	ND	24		µg/L	1	8/26/2009 7:10:00 PM
Dimethyl phthalate	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Acenaphthylene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
3-Nitroaniline	ND	24		µg/L	1	8/26/2009 7:10:00 PM
Acenaphthene	2	10	J	µg/L	1	8/26/2009 7:10:00 PM
2,4-Dinitrophenol	ND	24		µg/L	1	8/26/2009 7:10:00 PM
4-Nitrophenol	ND	24		µg/L	1	8/26/2009 7:10:00 PM
Dibenzofuran	ND	10		µg/L	1	8/26/2009 7:10:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Diethyl phthalate	ND	10		µg/L	1	8/26/2009 7:10:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Fluorene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
4-Nitroaniline	ND	24		µg/L	1	8/26/2009 7:10:00 PM
4,6-Dinitro-2-methylphenol	ND	24		µg/L	1	8/26/2009 7:10:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/26/2009 7:10:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Hexachlorobenzene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Pentachlorophenol	ND	24		µg/L	1	8/26/2009 7:10:00 PM
Phenanthrene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Anthracene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Carbazole	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Di-n-butyl phthalate	3	10	J	µg/L	1	8/26/2009 7:10:00 PM
Fluoranthene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Pyrene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	8/26/2009 7:10:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/26/2009 7:10:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: FD @ MW-8
Lab Order: U0907460
Collection Date: 7/2/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Chrysene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Bis(2-ethylhexyl)phthalate	7	10	J	µg/L	1	8/26/2009 7:10:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/26/2009 7:10:00 PM
(3+4)-Methylphenol	ND	10		µg/L	1	8/26/2009 7:10:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/26/2009 7:10:00 PM

NOTES:
TICS: No compounds were detected.

ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Vinyl chloride	220	25		µg/L	5	8/3/2009 12:43:00 PM
Bromomethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Chloroethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Acetone	ND	50		µg/L	5	8/3/2009 12:43:00 PM
1,1-Dichloroethene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Carbon disulfide	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Methylene chloride	ND	25		µg/L	5	8/3/2009 12:43:00 PM
trans-1,2-Dichloroethene	20	25	J	µg/L	5	8/3/2009 12:43:00 PM
1,1-Dichloroethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
2-Butanone	ND	50		µg/L	5	8/3/2009 12:43:00 PM
cis-1,2-Dichloroethene	420	25		µg/L	5	8/3/2009 12:43:00 PM
Chloroform	ND	25		µg/L	5	8/3/2009 12:43:00 PM
1,1,1-Trichloroethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Carbon tetrachloride	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Benzene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
1,2-Dichloroethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Trichloroethene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
1,2-Dichloropropane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Bromodichloromethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	8/3/2009 12:43:00 PM
cis-1,3-Dichloropropene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Toluene	ND	25		µg/L	5	8/3/2009 12:43:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: FD @ MW-8
Lab Order: U0907460
Collection Date: 7/2/2009 11:45:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
trans-1,3-Dichloropropene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
1,1,2-Trichloroethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
2-Hexanone	ND	50		µg/L	5	8/3/2009 12:43:00 PM
Tetrachloroethene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Dibromochloromethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Chlorobenzene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Ethylbenzene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
m,p-Xylene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
o-Xylene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Styrene	ND	25		µg/L	5	8/3/2009 12:43:00 PM
Bromoform	ND	25		µg/L	5	8/3/2009 12:43:00 PM
1,1,2,2-Tetrachloroethane	ND	25		µg/L	5	8/3/2009 12:43:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: Holding Blank
Lab Order: U0907460
Collection Date: 7/24/2009 3:55:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-007
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Vinyl chloride	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Bromomethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Chloroethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Acetone	ND	10		µg/L	1	8/3/2009 5:19:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Carbon disulfide	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
2-Butanone	ND	10		µg/L	1	8/3/2009 5:19:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Chloroform	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Benzene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Trichloroethene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/3/2009 5:19:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Toluene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
2-Hexanone	ND	10		µg/L	1	8/3/2009 5:19:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Chlorobenzene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Ethylbenzene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
m,p-Xylene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
o-Xylene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Styrene	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
Bromoform	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	8/3/2009 5:19:00 PM

NOTES:
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-6
Lab Order: U0907460
Collection Date: 7/23/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-008
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP			**E200.7**		**(E200.7)**	Analyst: **DEY**
Aluminum	843	100		µg/L	1	9/9/2009 4:28:25 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 4:28:25 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 4:28:25 PM
Barium	230	50.0		µg/L	1	9/9/2009 4:28:25 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 4:28:25 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 4:28:25 PM
Calcium	146000	1000		µg/L	1	9/9/2009 4:28:25 PM
Chromium	ND	10.0		µg/L	1	9/9/2009 4:28:25 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 4:28:25 PM
Copper	ND	10.0		µg/L	1	9/9/2009 4:28:25 PM
Iron	8050	60.0		µg/L	1	9/9/2009 4:28:25 PM
Lead	3.82	3.00		µg/L	1	9/9/2009 4:28:25 PM
Magnesium	27900	1000		µg/L	1	9/9/2009 4:28:25 PM
Manganese	1690	10.0		µg/L	1	9/9/2009 4:28:25 PM
Nickel	ND	30.0		µg/L	1	9/9/2009 4:28:25 PM
Potassium	3260	1000		µg/L	1	9/9/2009 4:28:25 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 4:28:25 PM
Sodium	20600	1000		µg/L	1	9/9/2009 4:28:25 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 4:28:25 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 4:28:25 PM
Zinc	29.4	10.0		µg/L	1	9/11/2009 11:10:01 AM
TOTAL MERCURY WATERS ASP			**E245.2**		**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 12:02:05 PM
TCL-SEMIVOLATILE ORGANICS			**SW8270C**		**(SW3520)**	Analyst: **LD**
Phenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Bis(2-chloroethyl)ether	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2-Chlorophenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
1,3-Dichlorobenzene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
1,4-Dichlorobenzene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
1,2-Dichlorobenzene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2-Methylphenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
N-Nitrosodi-n-propylamine	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Hexachloroethane	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Nitrobenzene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Isophorone	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2-Nitrophenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,4-Dimethylphenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-6
Lab Order: U0907460
Collection Date: 7/23/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-008
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,4-Dichlorophenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
1,2,4-Trichlorobenzene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Naphthalene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
4-Chloroaniline	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Hexachlorobutadiene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
4-Chloro-3-methylphenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2-Methylnaphthalene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Hexachlorocyclopentadiene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,4,6-Trichlorophenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,4,5-Trichlorophenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2-Chloronaphthalene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2-Nitroaniline	ND	36		µg/L	1	8/26/2009 7:48:00 PM
Dimethyl phthalate	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Acenaphthylene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,6-Dinitrotoluene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
3-Nitroaniline	ND	36		µg/L	1	8/26/2009 7:48:00 PM
Acenaphthene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,4-Dinitrophenol	ND	36		µg/L	1	8/26/2009 7:48:00 PM
4-Nitrophenol	ND	36		µg/L	1	8/26/2009 7:48:00 PM
Dibenzofuran	ND	15		µg/L	1	8/26/2009 7:48:00 PM
2,4-Dinitrotoluene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Diethyl phthalate	ND	15		µg/L	1	8/26/2009 7:48:00 PM
4-Chlorophenyl phenyl ether	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Fluorene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
4-Nitroaniline	ND	36		µg/L	1	8/26/2009 7:48:00 PM
4,6-Dinitro-2-methylphenol	ND	36		µg/L	1	8/26/2009 7:48:00 PM
N-Nitrosodiphenylamine	ND	15		µg/L	1	8/26/2009 7:48:00 PM
4-Bromophenyl phenyl ether	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Hexachlorobenzene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Pentachlorophenol	ND	36		µg/L	1	8/26/2009 7:48:00 PM
Phenanthrene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Anthracene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Carbazole	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Di-n-butyl phthalate	3	15	J	µg/L	1	8/26/2009 7:48:00 PM
Fluoranthene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Pyrene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Butyl benzyl phthalate	ND	15		µg/L	1	8/26/2009 7:48:00 PM
3,3'-Dichlorobenzidine	ND	15		µg/L	1	8/26/2009 7:48:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-6
Lab Order: U0907460
Collection Date: 7/23/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-008
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Chrysene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Bis(2-ethylhexyl)phthalate	8	15	J	µg/L	1	8/26/2009 7:48:00 PM
Di-n-octyl phthalate	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Benzo(b)fluoranthene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Benzo(k)fluoranthene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Benzo(a)pyrene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Indeno(1,2,3-cd)pyrene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Dibenz(a,h)anthracene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Benzo(g,h,i)perylene	ND	15		µg/L	1	8/26/2009 7:48:00 PM
(3+4)-Methylphenol	ND	15		µg/L	1	8/26/2009 7:48:00 PM
Bis(2-chloroisopropyl)ether	ND	15		µg/L	1	8/26/2009 7:48:00 PM
TIC: unknown	4.5	0		µg/L	1	8/26/2009 7:48:00 PM
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Vinyl chloride	42	5.0		µg/L	1	7/31/2009 5:02:00 PM
Bromomethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Chloroethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Acetone	ND	10		µg/L	1	7/31/2009 5:02:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Carbon disulfide	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Methylene chloride	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
trans-1,2-Dichloroethene	3	5.0	J	µg/L	1	7/31/2009 5:02:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
2-Butanone	ND	10		µg/L	1	7/31/2009 5:02:00 PM
cis-1,2-Dichloroethene	51	5.0		µg/L	1	7/31/2009 5:02:00 PM
Chloroform	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Benzene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Trichloroethene	2	5.0	J	µg/L	1	7/31/2009 5:02:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/31/2009 5:02:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Toluene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-6
Lab Order: U0907460
Collection Date: 7/23/2009 11:00:00 AM
Project: 153 Fillmore Avenue
Lab ID: U0907460-008
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
1,1,2-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
2-Hexanone	ND	10		µg/L	1	7/31/2009 5:02:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Chlorobenzene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Ethylbenzene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
m,p-Xylene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
o-Xylene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Styrene	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
Bromoform	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	7/31/2009 5:02:00 PM
TIC: unknown	5.1	0		µg/L	1	7/31/2009 5:02:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-7
Lab Order: U0907460
Collection Date: 7/23/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-009
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL ASP				**E200.7**	**(E200.7)**	Analyst: **DEY**
Aluminum	4050	100		µg/L	1	9/9/2009 4:47:13 PM
Antimony	ND	30.0		µg/L	1	9/9/2009 4:47:13 PM
Arsenic	ND	10.0		µg/L	1	9/9/2009 4:47:13 PM
Barium	95.9	50.0		µg/L	1	9/9/2009 4:47:13 PM
Beryllium	ND	3.00		µg/L	1	9/9/2009 4:47:13 PM
Cadmium	ND	5.00		µg/L	1	9/9/2009 4:47:13 PM
Calcium	166000	1000		µg/L	1	9/9/2009 4:47:13 PM
Chromium	ND	10.0		µg/L	1	9/9/2009 4:47:13 PM
Cobalt	ND	20.0		µg/L	1	9/9/2009 4:47:13 PM
Copper	162	10.0		µg/L	1	9/9/2009 4:47:13 PM
Iron	15200	60.0		µg/L	1	9/9/2009 4:47:13 PM
Lead	231	3.00		µg/L	1	9/9/2009 4:47:13 PM
Magnesium	30600	1000		µg/L	1	9/9/2009 4:47:13 PM
Manganese	1380	10.0		µg/L	1	9/9/2009 4:47:13 PM
Nickel	36.8	30.0		µg/L	1	9/9/2009 4:47:13 PM
Potassium	13900	1000		µg/L	1	9/9/2009 4:47:13 PM
Selenium	ND	5.00		µg/L	10	9/14/2009
Silver	ND	10.0		µg/L	1	9/9/2009 4:47:13 PM
Sodium	88600	1000		µg/L	1	9/9/2009 4:47:13 PM
Thallium	ND	10.0		µg/L	1	9/9/2009 4:47:13 PM
Vanadium	ND	30.0		µg/L	1	9/9/2009 4:47:13 PM
Zinc	7010	10.0		µg/L	1	9/11/2009 11:28:40 AM
TOTAL MERCURY WATERS ASP				**E245.2**	**(E245.2)**	Analyst: **JTT**
Mercury	ND	0.200		µg/L	1	8/10/2009 12:06:07 PM
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Phenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2-Chlorophenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2-Methylphenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Hexachloroethane	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Nitrobenzene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Isophorone	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2-Nitrophenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-7
Lab Order: U0907460
Collection Date: 7/23/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-009
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Naphthalene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
4-Chloroaniline	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2-Nitroaniline	ND	24		µg/L	1	8/26/2009 9:44:00 PM
Dimethyl phthalate	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Acenaphthylene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
3-Nitroaniline	ND	24		µg/L	1	8/26/2009 9:44:00 PM
Acenaphthene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,4-Dinitrophenol	ND	24		µg/L	1	8/26/2009 9:44:00 PM
4-Nitrophenol	ND	24		µg/L	1	8/26/2009 9:44:00 PM
Dibenzofuran	ND	10		µg/L	1	8/26/2009 9:44:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Diethyl phthalate	ND	10		µg/L	1	8/26/2009 9:44:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Fluorene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
4-Nitroaniline	ND	24		µg/L	1	8/26/2009 9:44:00 PM
4,6-Dinitro-2-methylphenol	ND	24		µg/L	1	8/26/2009 9:44:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/26/2009 9:44:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Hexachlorobenzene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Pentachlorophenol	ND	24		µg/L	1	8/26/2009 9:44:00 PM
Phenanthrene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Anthracene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Carbazole	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Di-n-butyl phthalate	3	10	J	µg/L	1	8/26/2009 9:44:00 PM
Fluoranthene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Pyrene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	8/26/2009 9:44:00 PM
3,3´-Dichlorobenzidine	ND	10		µg/L	1	8/26/2009 9:44:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-7
Lab Order: U0907460
Collection Date: 7/23/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-009
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3520)**	Analyst: **LD**
Benz(a)anthracene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Chrysene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Bis(2-ethylhexyl)phthalate	82	10		µg/L	1	8/26/2009 9:44:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/26/2009 9:44:00 PM
(3+4)-Methylphenol	ND	10		µg/L	1	8/26/2009 9:44:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/26/2009 9:44:00 PM
TIC: n-Hexadecanoic acid	2.0	0		µg/L	1	8/26/2009 9:44:00 PM
TIC: unknown (13.665)	4.3	0		µg/L	1	8/26/2009 9:44:00 PM
TIC: unknown (14.461)	4.6	0		µg/L	1	8/26/2009 9:44:00 PM
TIC: unknown (19.418)	2.3	0		µg/L	1	8/26/2009 9:44:00 PM
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Vinyl chloride	2	5.0	J	µg/L	1	7/31/2009 12:56:00 PM
Bromomethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Chloroethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Acetone	ND	10		µg/L	1	7/31/2009 12:56:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Carbon disulfide	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Methylene chloride	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
2-Butanone	ND	10		µg/L	1	7/31/2009 12:56:00 PM
cis-1,2-Dichloroethene	14	5.0		µg/L	1	7/31/2009 12:56:00 PM
Chloroform	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Benzene	1	5.0	J	µg/L	1	7/31/2009 12:56:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Trichloroethene	5.2	5.0		µg/L	1	7/31/2009 12:56:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/31/2009 12:56:00 PM

Approved By: **Date:**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: MW-7
Lab Order: U0907460
Collection Date: 7/23/2009 12:30:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-009
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Toluene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
2-Hexanone	ND	10		µg/L	1	7/31/2009 12:56:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Chlorobenzene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Ethylbenzene	2	5.0	J	µg/L	1	7/31/2009 12:56:00 PM
m,p-Xylene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
o-Xylene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Styrene	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
Bromoform	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	7/31/2009 12:56:00 PM

NOTES:
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Sep-09*

CLIENT: Stearns & Wheler, LLC
Client Sample ID: Holding Blank
Lab Order: U0907460
Collection Date: 7/24/2009 4:10:00 PM
Project: 153 Fillmore Avenue
Lab ID: U0907460-010
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILE WATER				**SW8260B**		Analyst: **LEF**
Chloromethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Vinyl chloride	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Bromomethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Chloroethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Acetone	ND	10		µg/L	1	8/3/2009 5:56:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Carbon disulfide	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Methylene chloride	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
2-Butanone	ND	10		µg/L	1	8/3/2009 5:56:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Chloroform	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Benzene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Trichloroethene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/3/2009 5:56:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Toluene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
2-Hexanone	ND	10		µg/L	1	8/3/2009 5:56:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Chlorobenzene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Ethylbenzene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
m,p-Xylene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
o-Xylene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Styrene	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
Bromoform	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	8/3/2009 5:56:00 PM

NOTES:
TICS: No compounds were detected.

Approved By: _____ **Date:** _____

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

APPENDIX D

Data Usability Summary Report

STEARNS & WHELER LLC
Environmental Engineers & Scientists

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

153 Fillmore Ave.
Tonawanda, NY
Upstate Laboratories, Inc. #SW16
October 16, 2009

Prepared by

Jodi Zimmerman, B.S.
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Stearns and Wheler GHD, project located at 153 Fillmore Ave, Tonawanda, NY, Upstate Laboratories #SW16, submitted to Vali-Data of WNY, LLC on September 18, 2009. The laboratory performed the analyses using USEPA methods, 8260 (Volatile Organics), 8270 (Semi-Volatile Organics) and 200.7 (Inorganics).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but some are qualified below in Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL information was provided in the original package. Updated pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times for the samples were met except no specific storage temperature was recorded in the original package. Upstate laboratories recorded the temperature as being compliant.

INTERNAL STANDARD (IS)
The IS did meet criteria.

SURROGATE SPIKE RECOVERIES
Surrogate recoveries were acceptable.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
Field duplicate was performed.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met except the %D for 1,1,2,2-Tetrachloroethane was outside QC limits, low. This analyte was not detected in any of the samples so should be qualified as estimated-undetected since it would be biased low.

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are usable but are qualified below in Method Blank, MS/MSD and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except no MDL information was provided in the original package. Updated pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met. (see VOC above)

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
Surrogate recoveries were acceptable except Terphenyl-d14 was outside QC limits, low in the Continuing Calibration performed on 8/26/09 at 13:58.

METHOD BLANK
All the criteria were met except Bis(2-ethylhexyl)phthalate was detected above the MDL, below the reporting limit and is qualified in the blank and samples.

FIELD DUPLICATE SAMPLE PRECISION
Field duplicate was performed.

LABORATORY CONTROL SAMPLES
All criteria were met except the %Rec for 4-Chloro-3methylphenol, 2,4-Dinitrotoluene and Pentachlorophenol were outside QC limits, high and should be considered biased high. These analytes were not detected in the samples.

MS/MSD
All criteria were met except the %Rec of 4-Nitrophenol was outside the QC limits, high in both the MS/MSD and should be considered biased high. The %Rec of 1,2,4-Trichlorobenzene and 2,4-Dinitrotoluene were outside QC limits in the MSD. These analytes were not detected in the samples.

Di-n-butyl phthalate and Bis(2-ethylhexyl)phthalate were detected in the MS/MSD. Both analytes were detected in the samples and qualified as estimated.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met except the %D for Pyrene and Terphenyl-d14 were outside the QC limits, low. Pyrene was not detected in the samples so should be qualified as estimated-undetected. Pyrene should be qualified as estimated in the Laboratory Control Sample and MS/SD.

GC/MS PERFORMANCE CHECK
All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
Overall the data are acceptable for use but where qualified below in Holding Times, Serial Dilution and Calibration.

DATA COMPLETENESS
All criteria were met.

NARATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met except no run times were recorded on the analysis run log for Selenium in the original package. This does not affect the usability of the data.

HOLDING TIMES
All criteria were met except no pH was recorded. The samples were preserved in Nitric acid, but since no pH was recorded, all detects should be qualified as estimated low and all non-detects should be considered unusable. (see VOC above)

METHOD BLANK
All criteria were met except where described in Calibration, below.

LABORATORY CONTROL SAMPLE
All criteria were met.

MS/MSD
All criteria were met except the %Rec for Silver was outside QC limits, low in MW-6 MS. Silver was not detected in sample MW-6.
The %RPD for Potassium was outside QC limits in the duplicate and should be flagged as such. The concentration of the original sample was <5x the PQL so no further action is required.

DUPLICATE
Field duplicate was performed.

SERIAL DILUTIONS
All criteria were met except the %D for Sodium and Zinc were outside QC limits and are qualified estimated.

COMPOUND QUANITATION
All criteria were met.

CALIBRATION
All criteria were met except Arsenic was detected in the Continuing Calibration Blanks but was not detected in the samples. Antimony was detected in the Initial Calibration Blank but was not detected in any of the samples. No further action is required.

The %Rec of Antimony was outside QC limits, low in the continuing calibration. This analyte should be qualified as undetected-estimate in all samples. Updated pages are attached.

The %Rec of Selenium was outside QC limits, high in the continuing calibrations and should be considered biased high.

MERCURY

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms

- Chain of Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Samples
- MS
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY
All criteria were met. (see VOA above)

HOLDING TIMES
All criteria were met.

METHOD BLANK
All criteria were met.

LABORATORY CONTROL SAMPLES
No laboratory control sample was performed.

MS/MSD
All criteria were met.

COMPOUND QUANTITATION
All criteria were met.

CALIBRATION
All criteria were met.