

**FEDERAL EXPRESS CORPORATION**

**FORMER DURALAB SITE**

**BROOKLYN, NEW YORK**

**Progress Report #42**

**January through June 2009**

**I. Introduction**

In accordance with the Voluntary Cleanup Agreement (W2-0835-98-10) effective December 14, 1998, this Progress Report has been prepared to describe the status of remedial activities currently being performed at the former Duralab site located at 107-23 Farragut Road in Brooklyn, New York. As previously reported, the City of New York issued a Declaration of Covenants and Restrictions for the site on April 11, 2006. Section II of the Voluntary Cleanup Agreement specifies the required contents of this Progress Report.

**II. Actions Taken Toward Achieving Compliance with the Voluntary Cleanup Agreement**

In accordance with the New York State Department of Environmental Conservation (NYSDEC) approved OM&M Plan for the Site, two years of quarterly groundwater monitoring followed by two years of semi-annual monitoring were completed in December 2008. Based on the results of the two-year semi-annual groundwater monitoring period, and in concurrence with the OM&M Plan, the semi-annual post-remediation program was extended to a third year, which is currently in progress. The fifth round of semi-annual post-remediation monitoring was performed in June 2009 and the results are provided in Section III.

**III. Sampling and Other Data Received or Generated During the Reporting Period**

In accordance with the OM&M Plan, semi-annual groundwater samples were collected from onsite monitoring wells MW-1, MW-2, and LMW-25 and offsite monitoring wells MWO-1 and MWO-2 on June 11, 2009. Each sample was analyzed for the following key chemicals of concern: trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and vinyl chloride (VC).

The current as well as historical analytical results for the selected onsite and offsite monitoring wells sampled are provided in Tables 1 and 2, respectively, along with a comparison to

NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). In addition, the most current concentrations of TCE, DCE, and VC, as well as the historical high concentrations for these parameters detected at each monitoring well, are provided in Figure 1. A comparison to analytical results obtained during the previous monitoring round (December 2008) is presented below:

- Onsite monitoring well MW-1: DCE concentrations decreased compared to the December 2008 analytical results, while VC increased slightly. As during previous monitoring rounds, TCE was not detected.
- Onsite monitoring wells MW-2 and LMW-25: TCE and DCE concentrations decreased compared to the December 2008 sampling round and VC was not detected in either monitoring well.
- Offsite monitoring well MWO-1: Concentrations of TCE and DCE decreased from the previous monitoring period. The concentrations of VC increased slightly since December 2008 but remained below its AWQSGV of 2 µg/L.
- Offsite monitoring well MWO-2: Consistent with the previous monitoring round, TCE and VC continue to remain below detection limits and DCE was detected below its AWQSGV of 5 µg/L.

#### **IV. Required Deliverables Submitted During the Reporting Period**

- In accordance with the Voluntary Cleanup Agreement, Progress Report Number 41 was submitted on February 6, 2009.
- As per the NYSDEC's March 12, 2009 request, a Periodic Review Report was submitted to the agency on May 7, 2009.

#### **V. Percentage of Work Completed and Any Delays**

Active groundwater and soil remediation is 100 percent complete. The fifth semi-annual round of the long-term post-shutdown monitoring program was completed in June 2009.

#### **VI. Modifications or Amendments to the Work Plan**

There were no modifications to the Work Plan during this reporting period. The final round of the third year of semi-annual post-remediation groundwater monitoring is scheduled for December 2009.

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	LMW-25 1/28/1998  (pre-startup)	LMW-25 7/17/1999	LMW-25 12/8/1999	LMW-25 3/27/2000	LMW-25 6/21/2000	LMW-25 7/28/2000	LMW-25 10/18/2000	LMW-25 11/17/2000
Chloromethane	--	100 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	20 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	100 U	5 U	100 U	10 U	5 U	5 U	5 U	5 U
Carbon Disulfide	--	100 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	NA	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	70 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	100 U	5 U	100 U	10 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	100 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	100 U	2 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	<b>1,300</b>	<b>8</b>	<b>6,700</b>	<b>1,400</b>	<b>1000</b>	<b>480</b>	<b>320</b>	<b>250</b>
Dibromochloromethane	5	100 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	7 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	100 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	100 U	5 U	100 U	10 U	5 U	5 U	5 U	5 U
2-Hexanone	50	100 U	5 U	100 U	10 U	5 U	5 U	0.5 U	0.5 U
Tetrachloroethene	5	50 U	0.6	<b>12</b>	<b>2</b>	3.8	1.9	4.5	2.8
Toluene	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	50 U	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	50 U	3 U	30 U	3 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	NA	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	NA	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	NA	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	NA	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	NA	3	<b>200</b>	<b>310</b>	<b>120</b>	<b>92</b>	<b>71</b>	<b>76</b>
trans-1,2-Dichloroethene	5	NA	1 U	10 U	1	0.9	0.7	0.8	0.7
1,2,4- Trichlorobenzene	5	NA	1 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	--	<b>780</b>	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation

Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that

exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	LMW-25 12/20/2000	LMW-25 2/22/2001	LMW-25 3/28/2001	LMW-25 5/3/2001	LMW-25 6/21/2001	LMW-25 8/2/2001	LMW-25 10/11/2001	LMW-25 1/22/2002
Chloromethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	0.5 U	5 U
Carbon Disulfide	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U	0.5 U	5 U
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U
Trichloroethene	5	<b>220</b>	<b>210</b>	<b>180</b>	<b>90</b>	<b>77</b>	<b>120</b>	<b>85</b>	<b>33</b>
Dibromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	5 U	5 U	5 U	5 U	5 U	5 U	0.5 U	5 U
2-Hexanone	50	0.5 U	5 U	5 U	5 U	5 U	5 U	0.5 U	5 U
Tetrachloroethene	5	2.3	1.7	1.7	1	1	1.3	0.8	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	<b>48</b>	<b>80</b>	<b>50</b>	<b>36</b>	<b>32</b>	<b>55</b>	<b>46</b>	<b>14</b>
trans-1,2-Dichloroethene	5	0.6	0.8	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4- Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

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Chloromethane	--	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Bromomethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Vinyl Chloride	2	0.5 U	<b>2.1</b>	<b>2.1</b>	1.4	1.2	<b>4</b>	2	<b>7.1</b>
Chloroethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Acetone	50	5 U	5 U	5 U	NA	NA	NA	NA	NA
Carbon Disulfide	--	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	2	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Chloroform	7	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
2-Butanone	50	5 U	5 U	5 U	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	1.0 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Trichloroethene	5	<b>230</b>	<b>280</b>	<b>220</b>	4.3	<b>380</b>	<b>420</b>	<b>150</b>	<b>160</b>
Dibromochloromethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Benzene	1	1.1	0.5 U	0.5 U	NA	NA	NA	NA	NA
Bromoform	50	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	5 U	5 U	5 U	NA	NA	NA	NA	NA
2-Hexanone	50	5 U	5 U	5 U	NA	NA	NA	NA	NA
Tetrachloroethene	5	1.6	1.2	1	NA	NA	NA	NA	NA
Toluene	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Styrene	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
Xylene (total)	5	1.5 U	1.5 U	1.5 U	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>680</b>	<b>140</b>	<b>120</b>	<b>49</b>	<b>170</b>	<b>190</b>	<b>260</b>	<b>100</b>
trans-1,2-Dichloroethene	5	2.8	0.9	1.3	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

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Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	LMW-25 6/13/2006	LMW-25 9/21/2006	LMW-25 12/14/2006	LMW-25 6/26/2007	LMW-25 12/20/2007	LMW-25 6/25/2008	LMW-25 12/10/2008	LMW-25 6/11/2009
Chloromethane	--	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	<b>7.3</b>	<b>8</b>	<b>3</b>	1 U	<b>5.8</b>	1.9	1 U	1 U
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	--	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	<b>140</b>	<b>130</b>	<b>190</b>	<b>44</b>	<b>200</b>	<b>120</b>	<b>180</b>	<b>71</b>
Dibromochloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA
Xylene (total)	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>100</b>	<b>170</b>	<b>540</b>	<b>18</b>	<b>800</b>	<b>54</b>	<b>120</b>	<b>41</b>
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-1 1/28/1998 (pre-startup)	MW-1 5/14/1998	MW-1 11/17/1999	MW-1 5/3/2001	MW-1 6/21/2001	MW-1 10/11/2001	MW-1 1/22/2002	MW-1 9/30/2002	MW-1 3/21/2005
Chloromethane	--	50 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Bromomethane	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Vinyl Chloride	2	10 U	9 J	<b>4</b>	<b>3.5</b>	<b>5</b>	<b>3.9</b>	<b>6.1</b>	<b>3.8</b>	<b>9</b>
Chloroethane	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Methylene Chloride	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Acetone	50	57 B	10 U	10 U	5 U	5 U	0.5 U	5 U	5 U	NA
Carbon Disulfide	--	50 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,1-Dichloroethene	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,1-Dichloroethane	5	25 U	10 U	1 U	0.9	1.1	1.1	0.5 U	0.5 U	NA
1,2-Dibromoethane	5	NA	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Chloroform	7	35 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,2 Dichloroethane	0.6	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
2-Butanone	50	50 U	10 U	10 U	5 U	5 U	0.5 U	5 U	5 U	NA
1,1,1-Trichloroethane	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Carbon Tetrachloride	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Bromodichloromethane	50	50 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,2-Dichloropropane	1	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,3-Dichloropropene (total)	0.4	50 U	10 U	2 U	0.5 U	0.5 U	0.5 U	1.0 U	1.0 U	NA
Trichloroethene	5	<b>500</b>	2 J	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	5	50 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,1,2-Trichloroethane	1	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Benzene	1	3.5 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Bromoform	50	50 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
4-Methyl-2-Pentanone	--	50 U	10 U	10 U	5 U	5 U	0.5 U	5 U	5 U	NA
2-Hexanone	50	50 U	10 U	10 U	5 U	5 U	0.5 U	5 U	5 U	NA
Tetrachloroethene	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Toluene	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,1,2,2-Tetrachloroethane	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Chlorobenzene	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Ethylbenzene	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Styrene	5	25 U	10 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
Xylene (total)	5	25 U	10 U	3 U	1.5 U	1.5 U	1.5 U	1.5 U	2 U	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,2 Dichlorobenzene	3	NA	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,3 Dichlorobenzene	3	NA	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,4 Dichlorobenzene	3	NA	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
cis-1,2-Dichloroethene	5	NA	NA	<b>91</b>	<b>65</b>	<b>95</b>	<b>60</b>	<b>83</b>	<b>91</b>	<b>94</b>
trans-1,2-Dichloroethene	5	NA	NA	1 U	0.8	1	0.9	0.9	1.1	NA
1,2,4- Trichlorobenzene	5	NA	NA	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA
1,2-Dichloroethene (total)	--	<b>180</b>	<b>160</b>	NA	NA	NA	NA	NA	NA	NA

**Legend**

- µg/L - Micrograms per liter
- U - Indicates compound was not detected
- J - Estimated value
- B - Analyte detected in blank sample
- D - Diluted Value
- (1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines
- Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.
- NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-1 6/29/2005	MW-1 9/15/2005	MW-1 12/15/2005	MW-1 3/14/2006	MW-1 6/13/2006	MW-1 9/21/2006	MW-1 12/14/2006	MW-1 6/26/2007
Chloromethane	--	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	<b>6.9</b>	<b>7</b>	<b>4</b>	<b>5.5</b>	<b>4.3</b>	<b>5</b>	<b>4</b>	1
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	--	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	<b>340</b>
Dibromochloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA
Xylene (total)	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>92</b>	<b>100</b>	<b>87</b>	<b>70</b>	<b>74</b>	<b>73</b>	<b>72</b>	<b>140</b>
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
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**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed



**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-1 12/20/2007	MW-1 6/25/2008	MW-1 12/10/2008	MW-1 6/11/2009	MW-2 1/28/1998 <b>(pre-startup)</b>	MW-2 3/26/1999	MW-2 4/14/1999	MW-2 5/14/1999
Chloromethane	--	NA	NA	NA	NA	20 U	25 U	10 U	50 U
Bromomethane	5	NA	NA	NA	NA	10 U	25 U	10 U	50 U
Vinyl Chloride	2	<b>20</b>	<b>8.5</b>	<b>12</b>	<b>26</b>	4 U	25 U	10 U	50 U
Chloroethane	5	NA	NA	NA	NA	10 U	25 U	10 U	50 U
Methylene Chloride	5	NA	NA	NA	NA	10 U	5 JBD	2 JBD	50 U
Acetone	50	NA	NA	NA	NA	20 U	25 U	10 U	50 U
Carbon Disulfide	--	NA	NA	NA	NA	20 U	25 U	10 U	50 U
1,1-Dichloroethene	5	NA	NA	NA	NA	10 U	25 U	10 U	50 U
1,1-Dichloroethane	5	NA	NA	NA	NA	10 U	25 U	10 U	50 U
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	14 U	25 U	25 U	50 U
1,2 Dichloroethane	0.6	NA	NA	NA	NA	10 U	25 U	25 U	50 U
2-Butanone	50	NA	NA	NA	NA	20 U	25 U	25 U	50 U
1,1,1-Trichloroethane	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Carbon Tetrachloride	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Bromodichloromethane	50	NA	NA	NA	NA	20 U	25 U	25 U	50 U
1,2-Dichloropropane	1	NA	NA	NA	NA	10 U	25 U	25 U	50 U
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	20 U	50 U	50 U	100 U
Trichloroethene	5	1 U	1 U	1 U	1 U	<b>240,000</b>	<b>3,000 D</b>	<b>1,300 D</b>	<b>38,000 D</b>
Dibromochloromethane	5	NA	NA	NA	NA	20 U	25 U	25 U	50 U
1,1,2-Trichloroethane	1	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Benzene	1	NA	NA	NA	NA	1.4 U	25 U	25 U	50 U
Bromoform	50	NA	NA	NA	NA	20 U	25 U	25 U	50 U
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	20 U	25 U	25 U	50 U
2-Hexanone	50	NA	NA	NA	NA	20 U	25 U	25 U	50 U
Tetrachloroethene	5	NA	NA	NA	NA	10 U	36 D	<b>18</b>	<b>87</b>
Toluene	5	NA	NA	NA	NA	10 U	25 U	25 U	<b>24</b>
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Chlorobenzene	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Ethylbenzene	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Styrene	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
Xylene (total)	5	NA	NA	NA	NA	10 U	25 U	25 U	50 U
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>44</b>	<b>55</b>	<b>64</b>	<b>44</b>	NA	NA	NA	NA
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	10 U	<b>240 D</b>	<b>320 D</b>	<b>370</b>

**Legend**

µg/L - Micrograms per liter

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J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-2 6/24/1999	MW-2 7/17/1999	MW-2 8/18/1999	MW-2 9/20/1999	MW-2 10/21/1999	MW-2 11/17/1999	MW-2 12/8/1999	MW-2 1/25/2000
Chloromethane	--	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Bromomethane	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Vinyl Chloride	2	1	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Chloroethane	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Methylene Chloride	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Acetone	50	5 U	5 U	10 U	100 U	100 U	100 U	100 U	50 U
Carbon Disulfide	--	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,1-Dichloroethene	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,1-Dichloroethane	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,2-Dibromoethane	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Chloroform	7	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,2 Dichloroethane	0.6	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
2-Butanone	50	5 U	5 U	10 U	100 U	100 U	100 U	100 U	50 U
1,1,1-Trichloroethane	5	<b>6</b>	<b>6</b>	10 U	10 U	10 U	10 U	10 U	5 U
Carbon Tetrachloride	5	1	1	10 U	10 U	10 U	10 U	10 U	5 U
Bromodichloromethane	50	2	1	10 U	10 U	10 U	10 U	10 U	5 U
1,2-Dichloropropane	1	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,3-Dichloropropene (total)	0.4	2 U	2 U	20 U	20 U	20 U	20 U	10 U	5 U
Trichloroethene	5	<b>70,000</b>	<b>68,000</b>	<b>26,000</b>	<b>18,000</b>	<b>4,800</b>	<b>6,900</b>	<b>17,000</b>	<b>780</b>
Dibromochloromethane	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,1,2-Trichloroethane	1	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Benzene	1	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Bromoform	50	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
4-Methyl-2-Pentanone	--	5 U	5 U	100 U	100 U	100 U	100 U	100 U	50 U
2-Hexanone	50	5 U	5 U	100 U	100 U	100 U	100 U	100 U	50 U
Tetrachloroethene	5	<b>200</b>	<b>210</b>	<b>160</b>	<b>90</b>	<b>31</b>	<b>120</b>	160 U	<b>28</b>
Toluene	5	<b>70</b>	<b>62</b>	<b>22</b>	10 U	10 U	10 U	10 U	5 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Chlorobenzene	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Ethylbenzene	5	2	2	10 U	10 U	10 U	10 U	10 U	5 U
Styrene	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
Xylene (total)	5	4	<b>9</b>	30 U	30 U	30 U	30 U	30 U	15 U
1,2-Dibromo-3-chloropropane	0.04	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,2 Dichlorobenzene	3	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,3 Dichlorobenzene	3	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,4 Dichlorobenzene	3	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
cis-1,2-Dichloroethene	5	<b>380</b>	<b>220</b>	<b>160</b>	<b>98</b>	<b>87</b>	<b>230</b>	<b>300</b>	<b>100</b>
trans-1,2-Dichloroethene	5	3	2	10 U	10 U	10 U	10 U	10 U	5 U
1,2,4- Trichlorobenzene	5	1 U	1 U	10 U	10 U	10 U	10 U	10 U	5 U
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

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J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-2 2/14/2000	MW-2 3/27/2000	MW-2 5/9/2000	MW-2 6/21/2000	MW-2 7/28/2000	MW-2 8/22/2000	MW-2 9/14/2000	MW-2 10/18/2000
Chloromethane	--	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	2.5 U	1 U	0.5 U	<b>5.3</b>	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	25 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	--	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	25 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	<b>260</b>	<b>280</b>	<b>170</b>	<b>230</b>	<b>170</b>	<b>190</b>	<b>110</b>	<b>79</b>
Dibromochloromethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	2.5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	25 U	10 U	0.5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	<b>8.5</b>	4	1.5	1.3	2.2	2.3	0.5 U	0.5 U
Toluene	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	7.5 U	3 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	<b>56</b>	<b>53</b>	<b>38</b>	<b>52</b>	<b>62</b>	<b>52</b>	<b>34</b>	<b>40</b>
trans-1,2-Dichloroethene	5	2.5 U	1 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4- Trichlorobenzene	5	2.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-2 11/17/2000	MW-2 12/20/2000	MW-2 1/25/2001	MW-2 2/22/2001	MW-2 3/28/2001	MW-2 5/3/2001	MW-2 6/21/2001	MW-2 8/2/2001
Chloromethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	<b>82</b>	<b>110</b>	<b>240</b>	<b>270</b>	<b>180</b>	<b>160</b>	<b>290</b>	<b>120</b>
Dibromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	0.5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	0.5 U	0.9	1.2	1.1	0.8	0.6	0.5 U	1
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	<b>40</b>	<b>30</b>	<b>53</b>	<b>52</b>	<b>83</b>	<b>40</b>	<b>71</b>	<b>34</b>
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.7
1,2,4- Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-2 10/11/2001	MW-2 1/22/2002	MW-2 9/30/2002	MW-2 4/7/2003	MW-2 2/19/2004	MW-2 6/10/2004	MW-2 3/21/2005	MW-2 6/29/2005
Chloromethane	--	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Bromomethane	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Vinyl Chloride	2	0.5 U	0.5 U	0.5 U	1 U	1.1	2	<b>7.4</b>	<b>4.1</b>
Chloroethane	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Acetone	50	0.5 U	5 U	5 U	10 U	5 U	5 U	NA	NA
Carbon Disulfide	--	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U	NA	NA
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Chloroform	7	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
2-Butanone	50	0.5 U	5 U	5 U	1 U	5 U	5 U	NA	NA
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,3-Dichloropropene (total)	0.4	0.5 U	1.0 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Trichloroethene	5	<b>160</b>	<b>67</b>	<b>130</b>	<b>280</b>	<b>420</b>	<b>320</b>	<b>460</b>	<b>350</b>
Dibromochloromethane	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Benzene	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Bromoform	50	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
4-Methyl-2-Pentanone	--	5 U	5 U	5 U	1 U	5 U	5 U	NA	NA
2-Hexanone	50	5 U	5 U	5 U	1 U	5 U	5 U	NA	NA
Tetrachloroethene	5	1.1	0.5 U	2.3	1	1.4	1.2	NA	NA
Toluene	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Styrene	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
Xylene (total)	5	1.5 U	1.5 U	1.5 U	3 U	1.5 U	1.5 U	NA	NA
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,4 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
cis-1,2-Dichloroethene	5	<b>49</b>	<b>19</b>	<b>21</b>	<b>89</b>	<b>120</b>	<b>110</b>	<b>150</b>	<b>120</b>
trans-1,2-Dichloroethene	5	0.5	0.5 U	2	1 U	1.6	1.4	NA	NA
1,2,4- Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA	1 U	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

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exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-2 9/15/2005	MW-2 12/15/2005	MW-2 3/14/2006	MW-2 6/13/2006	MW-2 9/21/2006	MW-2 12/14/2006	MW-2 6/26/2007	MW-2 12/20/2007
Chloromethane	--	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	7	4	18	1 U	1	1 U	1 U	1.4
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	--	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	<b>110</b>	<b>520</b>	<b>370</b>	<b>360</b>	<b>540</b>	<b>330</b>	<b>360</b>	<b>440</b>
Dibromochloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA
Xylene (total)	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>73</b>	<b>200</b>	<b>120</b>	<b>86</b>	<b>250</b>	<b>130</b>	<b>140</b>	<b>180</b>
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA	NA	NA	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

(1) - New York State Department of Environmental Conservation  
Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 1. Historical Summary of Volatile Organic Compounds Detected in Onsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MW-2 6/25/2008	MW-2 12/10/2008	MW-2 6/11/2009
Chloromethane	--	NA	NA	NA
Bromomethane	5	NA	NA	NA
Vinyl Chloride	2	1 U	1 U	1 U
Chloroethane	5	NA	NA	NA
Methylene Chloride	5	NA	NA	NA
Acetone	50	NA	NA	NA
Carbon Disulfide	--	NA	NA	NA
1,1-Dichloroethene	5	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA
1,2-Dibromoethane	5	NA	NA	NA
Chloroform	7	NA	NA	NA
1,2 Dichloroethane	0.6	NA	NA	NA
2-Butanone	50	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA
1,2-Dichloropropane	1	NA	NA	NA
1,3-Dichloropropene (total)	0.4	NA	NA	NA
Trichloroethene	5	<b>140</b>	<b>290</b>	<b>200</b>
Dibromochloromethane	5	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA
Benzene	1	NA	NA	NA
Bromoform	50	NA	NA	NA
4-Methyl-2-Pentanone	--	NA	NA	NA
2-Hexanone	50	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA
Toluene	5	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA
Chlorobenzene	5	NA	NA	NA
Ethylbenzene	5	NA	NA	NA
Styrene	5	NA	NA	NA
Xylene (total)	5	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>46</b>	<b>100</b>	<b>63</b>
trans-1,2-Dichloroethene	5	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA
1,2-Dichloroethene (total)	--	NA	NA	NA

**Legend**

µg/L - Micrograms per liter

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J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

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Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that  
exceed the NYSDEC AWQSGs.

NA - Not analyzed

**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled: NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-1 8/3/1998 (pre-startup)	MWO-1 3/26/1999	MWO-1 9/20/1999	MWO-1 12/8/1999	MWO-1 6/21/2000	MWO-1 1/25/2001	MWO-1 2/22/2001	MWO-1 3/28/2001
Chloromethane	--	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	<b>3.1 J</b>	10 U	<b>6.5</b>	<b>12</b>	0.5 U	1.3	0.7	0.5 U
Chloroethane	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	5 U	1 JB	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	20 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
Carbon Disulfide	--	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	5 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	20 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	<b>35</b>	<b>25</b>	<b>30</b>	2	0.5 U	<b>26</b>	<b>24</b>	<b>18</b>
Dibromochloromethane	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	20 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
2-Hexanone	50	20 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	5 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	5 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	5 U	10 U	3 U	2 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	NA	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	NA	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	NA	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	NA	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	<b>40</b>	<b>19</b>	<b>58</b>	<b>180</b>	<b>20</b>	<b>5.2</b>	<b>5.3</b>	2.8
trans-1,2-Dichloroethene	5	5 U	10 U	1 U	1	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4- Trichlorobenzene	5	10 U	10 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental  
Conservation Ambient-Water  
Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed the NYSDEC AWQSGs.

NA - Not analyzed



**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-1 5/3/2001	MWO-1 6/21/2001	MWO-1 8/2/2001	MWO-1 10/11/2001	MWO-1 1/22/2002	MWO-1 9/30/2002	MWO-1 2/18/2004	MWO-1 6/10/2004
Chloromethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	2.1
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1.0 U	0.5 U	0.5 U
Trichloroethene	5	<b>22</b>	<b>38</b>	<b>14</b>	<b>16</b>	<b>12</b>	<b>23</b>	<b>50</b>	<b>59</b>
Dibromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	3.9	4.3	2.3	2.8	2.8	<b>6.8</b>	<b>19</b>	<b>42</b>
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4- Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental  
Conservation Ambient-Water  
Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed

NA - Not analyzed

**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-1 3/21/2005	MWO-1 6/29/2005	MWO-1 9/15/2005	MWO-1 12/15/2005	MWO-1 3/14/2006	MWO-1 6/13/2006	MWO-1 9/21/2006	MWO-1 12/14/2006
Chloromethane	--	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	0.5 U	1.5	2	1 U	1 U	1 U	<b>9</b>	<b>8</b>
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	--	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	<b>24</b>	<b>30</b>	<b>42</b>	<b>33</b>	<b>20</b>	<b>12</b>	<b>63</b>	<b>55</b>
Dibromochloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA
Xylene (total)	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>7.6</b>	<b>14</b>	<b>26</b>	<b>17</b>	<b>8.4</b>	4.3	<b>50</b>	<b>39</b>
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental Conservation Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed

NA - Not analyzed

**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-1 6/26/2007	MWO-1 12/20/2007	MWO-1 6/25/2008	MWO-1 12/10/2008	MWO-1 6/11/2009	MWO-2 8/3/1998 (pre-startup)	MWO-2 6/24/1999	MWO-2 3/27/2000
Chloromethane	--	NA	NA	NA	NA	NA	5 U	1 U	1 U
Bromomethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Vinyl Chloride	2	<b>4</b>	<b>7</b>	1.6	1 U	1	1.8 J	3	1 U
Chloroethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Methylene Chloride	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Acetone	50	NA	NA	NA	NA	NA	20 U	5 U	10 U
Carbon Disulfide	--	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,1-Dichloroethene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Chloroform	7	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,2 Dichloroethane	0.6	NA	NA	NA	NA	NA	5 U	5 U	1 U
2-Butanone	50	NA	NA	NA	NA	NA	20 U	1 U	10 U
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Bromodichloromethane	50	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,2-Dichloropropane	1	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	NA	5 U	1 U	1 U
Trichloroethene	5	<b>36</b>	<b>73</b>	<b>26</b>	<b>37</b>	<b>22</b>	5 U	1	1
Dibromochloromethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	5 U	1 U	1 U
Benzene	1	NA	NA	NA	NA	NA	5 U	1 U	1 U
Bromoform	50	NA	NA	NA	NA	NA	5 U	1 U	1 U
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	NA	20 U	5 U	10 U
2-Hexanone	50	NA	NA	NA	NA	NA	20 U	1 U	10 U
Tetrachloroethene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Toluene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Chlorobenzene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Ethylbenzene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Styrene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
Xylene (total)	5	NA	NA	NA	NA	NA	5 U	1 U	3 U
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA	1 U	1 U
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	1 U	1 U
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	1 U	1 U
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA	1 U	1 U
cis-1,2-Dichloroethene	5	<b>30</b>	<b>69</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>23</b>	1 U	<b>46</b>
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	5 U	1 U	1 U
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	10 U	10 U	1 U

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental Conservation Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed

NA - Not analyzed

**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-2 10/18/2000	MWO-2 5/3/2001	MWO-2 6/21/2001	MWO-2 8/2/2001	MWO-2 10/11/2001	MWO-2 1/22/2002	MWO-2 9/30/2002	MWO-2 2/18/2004
Chloromethane	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropene (total)	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1.0 U	0.5 U
Trichloroethene	5	0.8	0.5 U	0.5 U	0.5 U	0.5	0.5 U	1.2	0.5 U
Dibromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	5 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	5	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	<b>37</b>	<b>4</b>	<b>7.5</b>	<b>5.8</b>	<b>7.5</b>	3.7	3	<b>6.7</b>
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4- Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental  
Conservation Ambient-Water  
Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed

NA - Not analyzed

**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-2 6/10/2004	MWO-2 3/21/2005	MWO-2 6/29/2005	MWO-2 9/15/2005	MWO-2 12/15/2005	MWO-2 3/14/2006	MWO-2 6/13/2006	MWO-2 9/21/2006
Chloromethane	--	0.5 U	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	0.5 U	0.5 U	0.6	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Acetone	50	5 U	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	--	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	0.7	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	0.5 U	NA	NA	NA	NA	NA	NA	NA
2-Butanone	50	5 U	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	0.5 U	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	0.6	0.5 U	1	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	0.5 U	NA	NA	NA	NA	NA	NA	NA
Benzene	1	0.5 U	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	0.5 U	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	5 U	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	5 U	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Toluene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Styrene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
Xylene (total)	5	1.5 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	0.5 U	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	<b>12</b>	<b>5.3</b>	<b>16</b>	<b>11</b>	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	0.5 U	NA	NA	NA	NA	NA	NA	NA

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental Conservation Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed

NA - Not analyzed

**Table 2. Historical Summary of Volatile Organic Compounds Detected in Offsite Ground Water, Former Duralab Site, Brooklyn, New York**

Parameter (Concentrations in µg/L)	Sample Designation: Date Sampled:  NYSDEC AWQSGs <sup>(1)</sup> (µg/L)	MWO-2 12/14/2006	MWO-2 6/26/2007	MWO-2 12/20/2007	MWO-2 6/25/2008	MWO-2 12/10/2008	MWO-2 6/11/2009
Chloromethane	--	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	NA	NA	NA	NA	NA	NA
Acetone	50	NA	NA	NA	NA	NA	NA
Carbon Disulfide	--	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	5	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	5	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA
1,2 Dichloroethane	0.6	NA	NA	NA	NA	NA	NA
2-Butanone	50	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene (total)	0.4	NA	NA	NA	NA	NA	NA
Trichloroethene	5	1	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	5	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	NA	NA	NA	NA	NA	NA
Benzene	1	NA	NA	NA	NA	NA	NA
Bromoform	50	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	--	NA	NA	NA	NA	NA	NA
2-Hexanone	50	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA
Toluene	5	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	NA	NA	NA	NA	NA	NA
Styrene	5	NA	NA	NA	NA	NA	NA
Xylene (total)	5	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.04	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA
1,3 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	3	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5	7	2	1.8	1.5	2	2
trans-1,2-Dichloroethene	5	NA	NA	NA	NA	NA	NA
1,2,4- Trichlorobenzene	5	NA	NA	NA	NA	NA	NA

µg/L - Micrograms per liter

U - Indicates compound was not detected

J - Estimated value

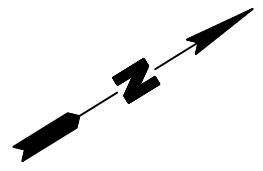
B - Analyte detected in blank sample

D - Diluted Value

<sup>(1)</sup> - New York State Department of Environmental Conservation Ambient-Water Quality Standards or Guidelines

**Bold** - Data highlighted in Bold represent detections that exceed

NA - Not analyzed

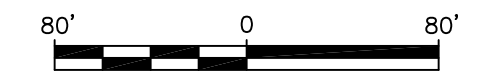


LEGEND:

- x—x— CHAIN LINK FENCE
- MW-1 ● LOCATION AND DESIGNATION OF ONSITE MONITORING WELL
- MWO-1 ● LOCATION AND DESIGNATION OF OFFSITE MONITORING WELL
- DCE CIS-1,2-DICHLOROETHENE
- TCE TRICHLOROETHENE
- VC VINYL CHLORIDE
- ug/L MICROGRAMS PER LITER
- ▭ PRE-STARTUP AREA OF REMEDIATION

NOTE:

THE FOLLOWING WELLS WERE DESTROYED/COVERED AS A RESULT OF SITE REDEVELOPMENT ACTIVITIES: LMW-17 AND LMW-20.



Title:			
<b>HISTORIC GROUNDWATER TRENDS</b>			
FORMER DURALAB PROPERTY BROOKLYN, NEW YORK			
Prepared For:		FEDERAL EXPRESS CORPORATION 2150 E. LAKE COOK ROAD BUFFALO GROVE, ILLINOIS	
<b>ROUX</b> ROUX ASSOCIATES, INC. <i>Environmental Consulting &amp; Management</i>	Compiled by: B.B.	Date: 11AUG09	FIGURE
	Prepared by: J.A.D.	Scale: AS SHOWN	<b>1</b>
	Project Mgr: B.B.	Office: NY	
	File No: FX0221901	Project: 44402Y	

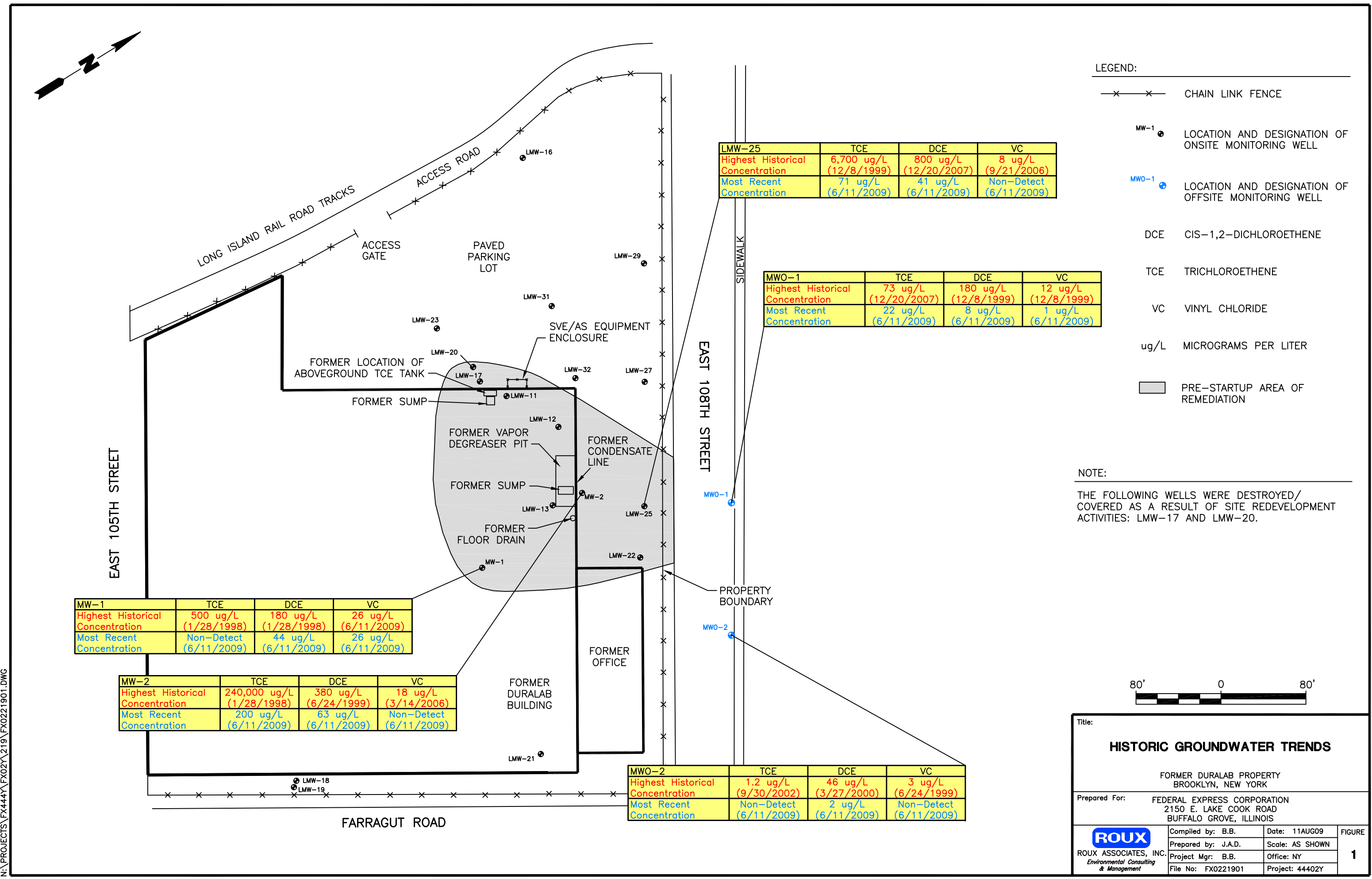
LMW-25	TCE	DCE	VC
Highest Historical Concentration	6,700 ug/L (12/8/1999)	800 ug/L (12/20/2007)	8 ug/L (9/21/2006)
Most Recent Concentration	71 ug/L (6/11/2009)	41 ug/L (6/11/2009)	Non-Detect (6/11/2009)

MWO-1	TCE	DCE	VC
Highest Historical Concentration	73 ug/L (12/20/2007)	180 ug/L (12/8/1999)	12 ug/L (12/8/1999)
Most Recent Concentration	22 ug/L (6/11/2009)	8 ug/L (6/11/2009)	1 ug/L (6/11/2009)

MWO-2	TCE	DCE	VC
Highest Historical Concentration	1.2 ug/L (9/30/2002)	46 ug/L (3/27/2000)	3 ug/L (6/24/1999)
Most Recent Concentration	Non-Detect (6/11/2009)	2 ug/L (6/11/2009)	Non-Detect (6/11/2009)

MW-1	TCE	DCE	VC
Highest Historical Concentration	500 ug/L (1/28/1998)	180 ug/L (1/28/1998)	26 ug/L (6/11/2009)
Most Recent Concentration	Non-Detect (6/11/2009)	44 ug/L (6/11/2009)	26 ug/L (6/11/2009)

MW-2	TCE	DCE	VC
Highest Historical Concentration	240,000 ug/L (1/28/1998)	380 ug/L (6/24/1999)	18 ug/L (3/14/2006)
Most Recent Concentration	200 ug/L (6/11/2009)	63 ug/L (6/11/2009)	Non-Detect (6/11/2009)



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