Annual Monitoring Well Sampling Report – October 2014

Site:
Mohonk Road Industrial Plant (MRIP) Superfund Site
Hamlet of High Falls, New York

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February 2015

AECOM Project No. 60267317

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1.0 Introduction

This Annual Monitoring Well Sampling Report (Annual Report), for the October 2014 sampling event, has been prepared by AECOM under Contract No. W912DQ-11-D-3003, Delivery Order 0003, for the U.S. Army Corps of Engineers (USACE), Kansas City District.

The Mohonk Road Industrial Plant (MRIP) Superfund Site is presently under the jurisdiction of the Remedial Branch of the U.S. Environmental Protection Agency (USEPA), Region 2, with USACE providing oversight to USEPA. AECOM is the prime contractor responsible for performing the activities described in the statement of work (SOW) including periodic recording of groundwater elevations, recording of water quality parameters, collection and analysis of groundwater samples, and associated reporting to provide:

- The lines of evidence of degradation/natural attenuation of the contaminants and breakdown products and of the progress of remedial activities;
- Evidence that the capture zone of the groundwater treatment plant continues to be maintained; and
- Early notice that site-specific contamination may threaten private wells outside of the High Falls Water District (HFWD).

All work under this contract is performed in accordance with the following documents:

- Site Safety and Health Plan (SSHP) dated July 2012, revised September 2014;
- Contractor Accident Prevention Plan (APP) dated July 2012, revised September 2014;
- Uniform Federal Policy - Quality Assurance Program Plan (UFP-QAPP) dated November 2012, revised September 2014;
- Contractor Quality Control Plan (CQCP) revised March 2013; and
- Long-Term Groundwater Monitoring (LTM) Plan dated January 2013.

Cleanup at the Site is currently being addressed as one operable unit (OU). A Record of Decision (ROD) Amendment has selected a long-term remediation plan for site farfield groundwater (the groundwater response remedy), superseding the farfield groundwater response remedy described within the original ROD. The groundwater response remedy addresses the nearfield and farfield components of the site-related contaminant plume.

The remediation goal of the ROD is to eliminate human exposure to groundwater contaminated by the Site that does not meet state or Federal drinking water standards, restore the groundwater contaminated at the Site to drinking water standards, prevent the contaminated groundwater from spreading and further impacting the aquifer, and eliminate the potential for human exposure to any contaminants in subsurface soils on the MRIP Property or the release of those contaminants into the groundwater.

The amended groundwater remedy includes:

1. Monitored natural attenuation (MNA) within the farfield plume to restore the aquifer to its most beneficial use (as a potable water supply), and continued extraction of contaminated groundwater in the nearfield plume on the MRIP Property, subsequent treatment with an air stripper and activated carbon adsorption, and discharge of the treated water to Coxing Kill Creek. Note that the New York State Department of Environmental Conservation (NYSDEC) has been operating the extraction and treatment system since September 2011, performing pilot testing on different treatment scenarios (air stripping only, carbon treatment only, and injection of a chemical designed to inhibit scaling) designed to enhance the system.
2. Implementation of a Long-Term Monitoring (LTM) program to evaluate groundwater conditions and the effectiveness of the components of the remedy. For the groundwater site-related contaminants of concern (COCs) specifically identified as a result of investigations at this site, including 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), and trichloroethene (TCE), the New York State (NYS) Class GA groundwater (groundwater whose best usage is a source of potable water) and NYS drinking water standard (maximum contaminant level, MCL) is 5 micrograms per liter (µg/L). For 1,4-dioxane, the 10 NYCRR Part 5 standards for "unspecified organic contaminants" is 50 µg/L.
3. Institutional controls in the form of existing governmental controls to prevent future use of the aquifer as a drinking water source in the impacted or threatened area. These institutional controls would no longer be necessary following the restoration of the groundwater to beneficial use.
4. O&M of the Site's soil vapor extraction (SVE) system would be continued as required; monitoring would be performed to evaluate the effectiveness of the system. The SVE system was shut down and decommissioned by USEPA in 2012; five shallow SVE wells remain in place in the historical source area.
5. Continued operation of the subslab vapor mitigation system (VMS), which is maintained by NYSDEC.

The October 2014 groundwater sampling event was performed in support of the LTM portion of the remedy.

1.1 Site Background

The MRIP Site is located in the Hamlet of High Falls, Ulster County, New York, approximately seven miles north-northwest of the Village of New Paltz and ten miles south-southwest of the City of Kingston (see Figure 1, Site Location Map).

The NYSDEC served as the lead agency for the Remedial Investigation and Feasibility Study (RI/FS), which was initiated prior to the Site being placed on the National Priorities List (NPL). The Site was added to the NPL on January 19, 1999; the Superfund identification number for the Site is NYD986950012. The USEPA assumed the role as lead agency with issuance of the ROD on March 31, 2000.

The Site includes a facility located at 186 Mohonk Road, and all surrounding properties that have been impacted by the contaminated groundwater plume. The MRIP Property originally consisted of approximately 14.5 acres of mostly undeveloped land with a 43,000 square foot building in its southern corner. As part of the water supply remedy, and consistent with the ROD, the northern 6.9 acre portion of the property was conveyed by the Kithkin Corporation on August 19, 2005 to the HFWD, and is now the location of the HFWD drinking water treatment plant.

As a result of the historic use of solvents and other chemicals at the MRIP Property, Site groundwater contains contaminants known as volatile organic compounds (VOCs). The COCs specifically identified as a result of investigations at this site include the following site-related contaminants:

1. TCE, an industrial solvent;
2. 1,1,1-TCA, an industrial solvent, the contaminant typically found in highest concentrations at the site;
3. 1,1-DCA, a breakdown product of 1,1,1-TCA;
4. 1,1-DCE, a breakdown product of 1,1,1-TCA; and
5. 1,4-dioxane, a stabilizer associated with 1,1,1-TCA.

The Site-related groundwater plume extends approximately 4,000 feet downgradient from the MRIP Property, and had historically adversely impacted at least 75 residential and commercial water supply wells. Residents and businesses within the area are now obtaining their potable water from the HFWD, a publicly-operated water supply system.

1.2 Previous Investigations

The MRIP property had been used for industrial purposes since the early 1960s. These activities included metal finishing, wet spray painting, and manufacturing of store display fixtures, card punch machines, and computer frames. Wastes from these operations were typically discharged into the on-property septic system. The site first came to the attention of state and local authorities in April 1994, when a resident near the MRIP property contacted the Ulster County Health Department (UCHD) regarding the quality of her drinking water. The resident's well was sampled in April 1994 by UCHD, and the sample was found to contain elevated levels of VOCs. Subsequent sampling performed by UCHD identified 71 other homes or businesses downgradient of the site with VOCs above Federal and/or NYS MCLs for drinking water.

NYSDEC began investigating the site in 1994. As an interim action to address immediate health threats, NYSDEC installed point-of-entry treatment (POET) systems at homes or businesses whose potable water supply exceeded the NYS MCLs (5 µg/L) for individual site-related VOCs. These systems included particulate filters, granular activated carbon (GAC) filters for VOC removal, and ultraviolet oxidation for disinfection. In August 1994, NYSDEC designated the site as "Class 2" on the NYS Registry of Inactive Hazardous Waste Sites, indicating that the site posed a significant threat to public health and the environment.

Prior to the issuance of the ROD, several interim actions had occurred at the Site, including the installation of a groundwater extraction and treatment system to minimize the further migration in the bedrock aquifer of the most highly contaminated portion of the groundwater plume, conducted as a non-time critical removal action (NTCRA). The groundwater response remedy described within the ROD also included a separate extraction and treatment system to address the portion of the plume which is downgradient from the source (the farfield plume).

USEPA has implemented the following elements of the ROD since its issuance:

1. Construction and operation of a new public water supply system, providing an alternate water supply to those with impacted or threatened private supply wells, and controlling risks to human health;

2. Removal and disposal of contaminated soils which are a source for groundwater contamination;
3. Active remediation of contaminated groundwater by the continued operation of the groundwater extraction and treatment system to address the nearfield plume at the source;
4. Long-term groundwater monitoring; and
5. Institutional controls preventing future use of the aquifer within the HFWD via Ordinances of the Towns of Marbletown and Rosendale prohibiting establishment or maintenance of a source of drinking or domestic water separate from the public water supply of the HFWD.

Additional treatment/removal of residual source contaminants in the vadose zone soils has also been conducted. In early 2007, a vapor mitigation system (VMS) comprised of six sub-slab ventilation systems was installed with extraction points in the subsurface layer underneath the commercial building's concrete floor. An 18-well SVE system was installed in 2007, to extract site-related VOCs from soil gas immediately north of the commercial building on the MRIP Property; this system was decommissioned in 2012.

USEPA has also performed extensive monitoring of the farfield plume and conducted an investigation to evaluate potential vapor intrusion (VI). The removal of potential sources, the continued operation and maintenance (O&M) of the existing groundwater extraction and treatment system, and the reduction of contamination within the nearfield plume have significantly reduced the migration of contaminants from the Site. As presented in the ROD Amendment, USEPA's evaluation of MNA as a remedy for the farfield plume as opposed to groundwater extraction and treatment (the remedy initially selected in the ROD for the farfield plume) has resulted in the selection of MNA as a preferred alternative to groundwater extraction and treatment within the farfield plume.

In 2006, an evaluation of the potential for use of MNA for the farfield plume was performed, based on groundwater monitoring data collected on a semi-annual basis from 1999 through April 2006. In 2008, USEPA conducted another MNA evaluation titled *2008 Final MNA Assessment*. The reports containing these evaluations conclude that MNA is a viable remedy for the farfield plume. Monitoring data indicate groundwater contaminant concentration trends are either decreasing or stable, and exhibit the presence of the full range of 1,1,1-TCA breakdown products within the farfield plume and/or wells bounding the farfield plume.

Since approximately January 2008, groundwater extraction and treatment rates of the nearfield treatment system have been increased to rates that could not be consistently maintained prior to the installation of the alternate water supply; previously, higher pumping rates caused negative impacts to private residential wells in the vicinity of the extraction wells. At that point in time, all impacted residents had been connected to the alternate water supply of the HFWD. This action has accelerated contaminant removal in the nearfield plume and also has enlarged the capture zone of the nearfield groundwater treatment system.

For further details regarding the site's regulatory history, please consult the 2000 ROD and the 2008 ROD Amendment. Historical information is also included in the Five-Year Review Report dated March 25, 2014.

1.3 Groundwater Conditions

Site investigations have indicated that groundwater in the bedrock aquifer is contaminated with various site-related VOCs, including 1,1,1-TCA, 1,1-DCA, 1,1-DCE, and TCE, above Federal and NYS MCLs. Groundwater samples have historically been collected from 25 monitoring wells,

including 20 standard wells and five Flexible Liner Underground Technologies, Inc. (FLUTe^{TM}) wells (MW-17 to MW-21) which have multiple sampling ports. Samples have been periodically collected from the majority of the wells since 1999; wells MW-16 through MW-20 were installed in 2003 and MW-21 was installed in 2008.

Sampling and analysis for MNA parameters began at most of the monitoring wells in April 2006 and has continued for most sampling events since that date; data has also been collected at some residential wells (during the 2006-2007 timeframe). Analytical parameters have historically included methane, ethane, ethene (collectively, MEE); nitrate, nitrite, total organic carbon (TOC), total alkalinity, alkalinity carbonate, sulfide, and chloride; field parameters have historically included dissolved oxygen (DO), oxidation/reduction potential (ORP), and ferrous iron. In order to obtain sufficient data to complete a full MNA evaluation of the current plume, the monitoring wells were sampled on a quarterly basis for four years beginning in December 2007 for VOCs and 1,4-dioxane, along with standard field-monitored parameters. The LTM Plan dated January 2013 recommended sampling for MNA parameters and 1,4-dioxane every two years; these parameters were collected during the November 2013 sampling event and not during the October 2014 event. MNA parameters and 1,4-dioxane are again scheduled to be monitored during the 2015 sampling event.

The *2008 Final MNA Assessment* (USACE 2008) verified that the chemical and geochemical data show definitive evidence for MNA at the Site. The data supports the various MNA mechanisms, including:

1. Decreasing contaminant concentrations in the nearfield plume;
2. Stable or decreasing and low or non-detectible contaminant concentrations in the farfield plume;
3. The full range of 1,1,1-TCA breakdown products detected in the farfield plume and/or the wells bounding it; and
4. The presence of reducing conditions in localized areas in both the near and farfield plumes.

Water level data continue to be collected and carefully monitored to ensure that the nearfield plume generally remains under hydraulic control. A potentiometric surface map for the October 2014 sampling event is provided as Figure 2. Groundwater flow generally mimics topography, with a relatively steep flow gradient to the north of the site. Extraction well pumping in the vicinity of the treatment plant has resulted in a localized drawdown that has historically provided capture of a significant portion of the groundwater contaminated with VOCs.

2.0 Monitoring Well Activities

The LTM program includes annual recording of water levels, recording of water quality parameters, and collection and analysis of groundwater samples, with the following objectives:

1. Provide an indication of the movement of the contaminants and daughter products;
2. Verify no unacceptable impact to downgradient receptors;
3. Detect changes in environmental conditions which may affect natural attenuation; and
4. Provide an indication of the progress of remedial activities and the attainment of remedial objectives.

Annual monitoring includes wells representative of background conditions, horizontal and vertical plume assessment, and the center of the plume, and includes sentinel wells along the established perimeter. Table 2-1, Monitoring Well Projected Long Term Monitoring Frequency, presents the monitoring wells included in the LTM well network and the proposed sampling frequency, as described in the January 2013 LTM Plan. The wells proposed for analyses of MNA parameters have been selected based on USACE's *2008 MNA Assessment*, evaluations of the groundwater geochemistry conditions, the presence of degradation products, and the physical locations of the monitoring wells. In accordance with the LTM Plan, MNA parameters are collected every two years (November 2013 and upcoming 2015 sampling events, and not during the October 2014 event).

Note that there are three wells within the network that have not historically been monitored (MW-7B, MW-9, and MW-11); these wells are not recommended for annual sampling. Figure 3, Monitoring Well Network, shows the location of each monitoring well associated with the Site.

On October 16, 2014, AECOM obtained water levels from the standard monitoring wells associated with the site; FLUTe water levels were obtained on October 28, 2014.

AECOM sampled 20 standard monitoring wells, 5 FLUTe wells, and the 5 shallow wells associated with the former SVE system between October 6 and October 28, 2014, for the third annual sampling event under Contract No. W912DQ-11-D-3003, Delivery Order 0003, supporting the LTM program. Daily Quality Control Reports (DQCRs) were completed for each day that samples were collected and are included in Appendix A. All standard (non-FLUTe) monitoring wells were purged and sampled in accordance with the USEPA Region 2 Low Stress (or Low Flow) Purging and Sampling Procedure using a portable purging system in which the same pump was used to both purge and sample the well. The FLUTe wells were purged and sampled using the procedures outlined in the FLUTe Standard Operating Procedures (SOP) manual developed by the manufacturer. Well purging and sampling records for each well are provided in Appendix B.

A total of 61 samples (including duplicate, matrix spike, matrix spike duplicate, trip blanks, and equipment blank samples) were collected and sent to the KAP Technologies, Inc. Laboratory in The Woodlands, Texas for analysis of VOCs (SOM01.2). All sampling procedures followed the approved QAPP.

A table entitled "Historical Summary of Groundwater Analytical Results" is provided in Appendix C, listing results for the four primary chlorinated COCs detected during previous groundwater sampling

events, along with historical 1,4-dioxane results (note 1,4-dioxane was not analyzed during the October 2014 sampling event, as it is monitored every 2 years in accordance with the LTM Plan). A table that provides complete historical analytical results is also included in Appendix C. Laboratory data validation is not provided by AECOM, as the data is validated by USEPA through the CLP program. Although the CLP laboratory does not require a Sampling Trip Report, one was generated for the October 2014 annual sampling event and is included in Appendix D.

The following summarizes issues encountered during the October 2014 sampling event:

- Five out of the six ports on FLUTe well MW-21 were sampled. Port 3 did not yield any water, even under non-freezing conditions; this well will be evaluated prior to the next groundwater sampling event.
- Five wells associated with the SVE system were sampled; these wells are located at shallow depths and contained higher COC concentrations compared to the standard monitoring wells.
- Wells that exhibited excessive drawdown, including 5 monitoring wells (ERT-4, MW-1B, MW-4, MW-5B, and MW-6B) and the 5 SVE wells, were sampled in accordance with USEPA Region 2 Low Flow Procedures. The water levels in these wells decreased more than the 0.33 feet recommended in the USEPA protocol; the "excessive drawdown" protocol was followed, with the sampling technicians stopping the pump before the well was purged dry, letting it recharge, then immediately sampling without resuming stabilization efforts.
- The groundwater treatment system shut down on October 10 while AECOM was sampling the extraction wells. Samples for 2 of the 3 wells were obtained on that date, and the third extraction well was sampled on October 15 after the system was restarted by the NYSDEC contractor.

Table 2-1 Monitoring Well Projected Long-Term Monitoring Frequency

Monitoring Well[1]	Sampling Interval[2]			Total Well Depth		Projected Long-Term Monitoring Frequency[1]		
	#	Depth (ft bgs)	Elev. (msl)	(ft bgs)	Elev. (msl)	2014	MNA Parameters[1]	Location
ERT-1[6]	1	intake	intake	195.00	108.94	Annual	No	On-site
ERT-2	1	190.00	119.81	200.00	109.81	Annual	No	On-site
ERT-3	1	210.00	105.89	220.00	95.89	Annual	Yes	On-site
ERT-4[3]	1	45.00	281.67	50.00	276.67	Annual	Yes	On-site
MW-1B[4]	1	90.00	243.53	100.00	233.53	Annual	Yes	On-site
MW-4[3]	1	16.00	313.21	21.50	307.71	Annual	Yes	On-site
MW-5B[3]	1	33.00	292.30	36.20	289.10	Annual	No	On-site
MW-5R[6]	1	intake	intake	125.00	188.63	Annual	No	On-site
MW-6B	1	90.00	233.95	100.00	223.95	Annual	No	On-site
MW-7B	1	90.00	223.93	100.00	213.93	G	No	On-site
MW-7R[6]	1	intake	intake	180.00	134.30	Annual	No	On-site
MW-8B	1	90.00	69.68	100.00	59.68	Annual	No	Off-site
MW-9	1	78.00	169.77	88.00	159.77	G	No	Off-site
MW-9B	1	135.00	113.21	145.00	103.21	Annual	No	Off-site
MW-10B	1	90.00	135.64	100.00	125.64	Annual	No	Off-site
MW-11	1	NR	NR	40.00	242.43	G	No	On-site
MW-11B	1	171.00	110.72	181.00	100.72	Annual	Yes	On-site
MW-11C	1	210.00	74.58	220.00	64.58	Annual	Yes	On-site
MW-12B	1	190.00	68.20	200.00	58.20	Annual	Yes	Off-site
MW-13B[5]	1	Artesian	NA	200.00	21.93	Annual	No	Off-site
MW-14B	1	145.00	11.90	155.00	1.90	Annual	No	Off-site
MW-15B	1	140.00	104.89	150.00	94.89	Annual	Yes	Off-site
MW-16	1	80.00	194.11	93.00	181.11	Annual	Yes	Off-site
MW-17	1	47.00	194.92	57.00	184.92	Annual	Yes	Off-site
	2	102.50	139.42	110.00	131.92	Annual	Yes	Off-site
	3	124.00	117.92	129.00	112.92	Annual	Yes	Off-site
MW-18[5]	1	96.00	108.45	101.00	103.45	Annual	No	Off-site
	2	123.00	81.45	128.00	76.45	Annual	No	Off-site
	3	140.00	64.45	145.00	59.45	Annual	No	Off-site
MW-19[5]	1	41.50	88.38	49.00	80.88	Annual	Yes	Off-site
	2	87.50	42.38	95.00	34.88	Annual	Yes	Off-site
	3	187.50	-57.62	195.00	-65.12	Annual	Yes	Off-site
MW-20	1	67.00	135.84	77.00	125.84	Annual	No	Off-site
	2	97.50	105.34	111.50	91.34	Annual	No	Off-site
	3	144.00	58.84	149.00	53.84	Annual	No	Off-site
MW-21[5]	1	42.75	190.84	48.00	185.59	Annual	Yes	Off-site
	2	67.00	166.59	69.50	164.09	Annual	Yes	Off-site
	3	75.50	158.09	78.00	155.59	Annual	Yes	Off-site
	4	121.50	112.09	124.00	109.59	Annual	Yes	Off-site
	5	142.50	91.09	145.00	88.59	Annual	Yes	Off-site
	6	160.50	73.09	163.00	70.59	Annual	Yes	Off-site

[1]Sample locations, frequency of collection of environmental samples, and water quality parameters may be altered in response to significant changes in data throughout the course of the program and at the direction of USACE/USEPA.

[2]Sampling Interval designates depth to pump intake or FLUTe sampling port, in feet below ground surface (ft bgs).

[3]Well located within former septic tank area.

[4]Background well.

[5]Artesian well; MW-13B, MW-18, MW-19, and MW-21 are periodically artesian.

[6]Extraction well.

ft bgs: feet below ground surface
msl: mean sea level
Elev: elevation
NA: not available
G: elevation gauging only (sampling not currently projected at this well)
NR: not recorded
MNA: monitored natural attenuation
#: number

3.0 Monitoring Well Sampling Results

During the October 2014 annual monitoring well sampling event, 20 standard groundwater monitoring wells, 5 wells associated with the SVE system, and a total of 17 ports in 5 FLUTe wells were sampled, for 42 individual sampling locations. A total of 61 samples (including duplicate, matrix spike, matrix spike duplicate, trip blank, and equipment blank samples) were submitted to the KAP Technologies, Inc. Laboratory in The Woodlands, Texas for analysis of VOCs (SOM01.2).

Table 3-1 provides a summary of the October 2014 sampling event analytical results. Analytical results show that two of the on-site monitoring wells (MW-1B and MW-11C) and eighteen of the off-site sampling locations (MW-8B, MW-9B, MW-10B, MW-13B, MW-14B, ports 1 through 3 of MW-18, ports 1 through 3 of MW-19, ports 1 through 3 of MW-20, and ports 2, 4, 5, and 6 of MW-21) were below detection limits for all COCs. A total of 22 of the 42 sampling locations showed concentrations for COCs above the NYS MCLs. Figure 4 shows the total VOC isoconcentration map for the October 2014 event (COCs only), and Figures 5 through 8 are the isoconcentration maps of the individual COCs. The nearfield plume isoconcentration line (1,000 µg/L) is noted in red on the Figure 4. Two standard monitoring wells (MW-4 and MW-5B) had total VOCs greater than 1,000 µg/L for the second consecutive sampling event. All five wells associated with the SVE system had total VOCs greater than 1,000 µg/L (ranging from 9,496 to 35,420 µg/L total VOCs). Total VOCs for this project is defined as the addition of the detectable concentrations of the site-related COCs: 1,1,1-TCA, 1,1,1-TCA degradation compounds 1,1-DCA and 1,1-DCE, and TCE.

Historical COC trend graphs are provided in Appendix E for all of the site-related monitoring wells that have meaningful data (concentrations historically above detection limits). The wells have been grouped in accordance with their physical locations with respect to the historical plume, for ease of trend comparison:

- Source area extraction wells ERT-1, MW-5R, and MW-7R
- Source area wells MW-4, MW-5B, and MW-6B
- Source area wells ERT-2, ERT-3, and ERT-4
- Mid-plume wells MW-11C, MW-12B, MW-15B
- Mid-plume wells MW-9B, MW-11B, and MW-16
- Farfield FLUTe well MW-17, ports 1 through 3
- Farfield FLUTe well MW-19, ports 1 through 3
- Farfield FLUTe well MW-21, ports 1 through 3
- Farfield FLUTe well MW-21, ports 4 through 6

The first set of graphs for each well grouping includes the COCs 1,1-DCA, 1,1-DCE, and TCE, which are similar in relative concentrations; 1,1,1-TCA graphs are shown separately, as the magnitude of that compound is typically greater than the others. These graphs generally demonstrate the stability of the plume over the past 15 years, with significant downward trends in most of the wells.

The following sections summarize the analytical results and trends of each of the four Site-related COCs.

3.1 1,1,1-Trichloroethane Results

The isoconcentration map for 1,1,1-TCA is provided as Figure 5. 1,1,1-TCA concentrations were below the method detection limits (MDLs, i.e. non-detect) at one on-site well (MW-1B) and thirteen off-site sampling locations (MW-8B, MW-10B, MW-13B, MW-14B, all three ports of MW-18, all three ports of MW-19, and all three ports of MW-20). 1,1,1-TCA concentrations were above the MDLs but below the NYS MCL of 5 µg/L at two on-site wells (MW-11B and MW-11C) and six off-site sampling locations (MW-9B, MW-12B, and ports 2, 4, 5, and 6 of MW21).

1,1,1-TCA concentrations were above the NYS MCL of 5 µg/L at nine on-site wells (MW-4, MW-5B, MW-5R, MW-6B, MW-7R, ERT-1, ERT-2, ERT-3, and ERT-4) ranging up to 3,000 µg/L at MW-5B, and at six off-site sampling locations (MW-15B, MW-16, all three ports of MW-17, and MW-21-1), ranging up to 72 µg/L at MW-15B. As shown in the trend graphs in Appendix E, 1,1,1-TCA trends are generally declining across the site. 1,1,1-TCA concentrations were above the NYS MCL of 5 µg/L at all five wells associated with the SVE system.

3.2 1,1-Dichloroethane Results

The isoconcentration map for 1,1-DCA is provided as Figure 6. 1,1-DCA concentrations were below the MDLs (non-detect) at one on-site well (MW-1B) and six off-site sampling locations (MW-10B, MW-13B, port 3 of MW-18, and all three ports of MW-20). 1,1-DCA concentrations were above the MDLs but below the NYS MCL of 5 µg/L at two on-site wells (MW-6B and MW-11C) and fifteen off-site sampling locations (MW-8B, MW-9B, MW-12B, MW-14B, MW-16, ports 1 and 2 of MW-18, all three ports of MW-19, and the five sampled ports of MW-21).

1,1-DCA concentrations were above the NYS MCL of 5 µg/L at nine on-site wells (MW-4, MW-5B, MW-5R, MW-7R, MW-11B, ERT-1, ERT-2, ERT-3, and ERT-4), ranging up to 48 µg/L at MW-5B, and at four off-site sampling locations (MW-15B and all three ports of MW-17), ranging up to 13 µg/L at MW-15B. As shown in the trend graphs in Appendix E, 1,1-DCA trends are generally declining across the site. 1,1-DCA concentrations were above the NYS MCL of 5 µg/L at all five wells associated with the SVE system.

3.3 1,1-Dichloroethene Results

The isoconcentration map for 1,1-DCE is provided as Figure 7. 1,1-DCE concentrations were below the MDLs (non-detect) at two on-site wells (MW-1B and MW-11C) and ten off-site sampling locations (MW-8B, MW-9B, MW-10B, MW-13B, all three ports of MW-18, and all three ports of MW-20). 1,1-DCE concentrations were above the MDLs but below the NYS MCL of 5 µg/L at one on-site well (MW-6B) and nine off-site sampling locations (MW-14B, all three ports of MW-19, and the five sampled ports of MW-21).

1,1-DCE concentrations were above the NYS MCL of 5 µg/L at nine on-site wells (MW-4, MW-5B, MW-5R, MW-7R, MW-11B, ERT-1, ERT-2, ERT-3, and ERT-4), ranging up to 390 µg/L at MW-5B, and above MCLs at six off-site sampling locations (MW-12B, MW-15B, MW-16, and all three ports of MW-17), ranging up to 36 µg/L at MW-15B. As shown in the trend graphs in Appendix E, 1,1-DCE trends are generally declining across the site. 1,1-DCE concentrations were above the NYS MCL of 5 µg/L at all five wells associated with the SVE system.

3.4 Trichloroethene Results

The isoconcentration map for TCE is provided as Figure 8. TCE concentrations were below the MDLs (non-detect) at two on-site wells (MW-1B and MW-6B) and sixteen off-site sampling locations (MW-8B, MW-9B, MW-10B, MW-13B, MW-14B, MW-16, MW-17-3, all three ports of MW-18, all three ports of MW-19, and all three ports of MW-20). TCE concentrations were above the MDLs but below the NYS MCL of 5 µg/L at four on-site wells (MW-5R, MW-7R, MW-11B, and ERT-1) and nine off-site sampling locations (MW-12B, MW-15B, ports 1 and 2 of MW-17, and the five sampled ports of MW-21).

TCE concentrations were above the NYS MCL of 5 µg/L at five on-site wells (MW-4, MW-5B, ERT-2, ERT-3, and ERT-4) ranging up to 280 µg/L at MW-4. There were no off-site wells with TCE concentrations above the NYS MCL. As shown in the trend graphs in Appendix E, TCE trends are generally declining across the site. TCE concentrations were above the NYS MCL of 5 µg/L at all five wells associated with the SVE system.

3.5 1,4-Dioxane Results

Wells were not sampled for 1,4-dioxane concentrations during the October 2014 sampling event.

3.6 General COC Trends

Historical COC trend graphs are provided in Appendix E for all of the site-related monitoring wells that have meaningful data (concentrations historically above detection limits). Source area (on-site) wells MW-7R and ERT-2 concentrations continue to show consistent downward historical trends, and results for source area wells MW-5R, MW-6B, and ERT-3 were relatively consistent with historical values. However, shallow source well MW-5B (36.2 feet deep) showed concentrations higher than it had exhibited since the 2009 timeframe. Several wells exhibited concentrations which had decreased compared to the previous sampling event, including MW-4, ERT-1, and ERT-4.

Wells immediately downgradient from the source area (MW-11B and MW-15B) generally had VOC concentrations above 10 µg/L, and concentrations in these wells remained relatively consistent with historical results, with general downward trends. MW-11C located immediately downgradient from the source area and mid-plume well MW-12B exhibited concentrations below the NYS MCLs but were above the detection limits, showing consistent downward trends. MW-11C had the lowest levels reported since installation in 1999, with 1,1-DCE below detection limit for the first time. Mid-plume well MW-9B had concentrations at or below detection limits, consistent with historical observations.

Mid-plume well MW-16 has shown significant fluctuation for all compounds over its ten-year history, but with a continued decreasing trend. This well is the shallowest mid plume well that is routinely sampled, located in an area of anomalous geology for the site, and it has historically exhibited a seasonal trend, with generally higher concentrations during summer and fall sampling events, lower concentrations during winter events, and even lower concentrations in sampling events between April and June. The October 2009, 2010, and 2011 results were higher (100 to 200 µg/L total VOCs), while the May 2009, July 2009, and June 2011 events had very low levels (1 to 5 µg/L total VOCs). The February 2009, January 2013, November 2013, and October 2014 events were in between the two extremes (43, 10, 65, and 47 µg/L total VOCs, respectively). The data and trend analyses indicate that the slight decrease in total VOCs in this well during the October 2014 sampling event is consistent with prior seasonal variability, and overall the decreasing trend remains evident in the graph for this well.

Downgradient and side-gradient wells MW-8B, MW-10B, MW-13B, and all three ports of FLUTe wells MW-18 and MW-20 were below detection limits or NYS MCLs for all constituents, demonstrating continued delineation of the groundwater plume to the northwest and on the eastern side of the farfield plume.

Concentrations of all parameters in all 3 ports of farfield FLUTe well MW-17 continued a decreasing trend, with 1,1-DCE exhibiting historically low concentrations. Mid-plume/side-gradient FLUTe well MW-21 concentrations were slightly higher than the historical lows for all compounds in the five ports that were able to be sampled. Farfield FLUTe well MW-19 also continued to exhibit historically consistent levels, with all constituents well below NYS drinking water standards.

Farfield well MW-14B has been generally consistent since 2010, but it has shown a slight upward trend from historic levels. Between 1999 and 2008, the total VOCs in this well were less than 1 µg/L; total VOCs have ranged from 1.2 to 5.3 µg/L in this well since July 2008. FLUTe well MW-19, which is immediately downgradient of MW-14B at the far edge of the plume, has been extremely consistent since

2009 (2 to 3 µg/L total VOCs in each of the three ports), but all compounds were below detection limits in all three ports between well installation in 2003 and 2008.

The increased extraction rates of the nearfield treatment system and the potential source removal from the SVE system increase the likelihood that the plume margins will shrink in the future. However, the VOC levels reported in all five of the shallow SVE wells (up to 31,000 ppb of 1,1,1-TCA) were an order of magnitude higher than any of the source area wells, indicating the potential for there to be residual source material that potentially should be considered as a candidate for future remediation.

3.7 MNA Results

Although the 1,1-DCE and 1,1-DCA concentration decreases in the farfield plume appear to be primarily related to non-destructive mechanisms (dilution, dispersion, and advection), there is evidence of reductive dechlorination in localized anaerobic areas in both the near and farfield. The viability of MNA associated with the site is supported by the following observations:

- Decreasing contaminant concentrations in the nearfield;
- Stable and low or non-detectible contaminant concentrations in the farfield;
- Presence of 1,1,1-TCA daughter products in the farfield and/or the wells bounding the farfield; and
- Presence of reducing conditions bounding the plume in the farfield.

MNA parameters were not measured during the October 2014 sampling event.

3.8 Groundwater Level Measurements

A potentiometric surface map for the October 2014 sampling event is provided as Figure 2. Groundwater flow generally mimics topography, with a relatively steep flow gradient to the north of the site. Extraction well pumping in the vicinity of the treatment plant has resulted in a localized drawdown that has historically provided capture of a significant portion of the groundwater contaminated with VOCs.

The farfield plume water levels measured in October 2014 are similar to those observed in November 2013; however, the water levels in the mid-plume (MW-12B and MW-16) and the source area are generally 5 to 15 feet below levels in those same wells in November 2013. This may be partially due to the lower than normal precipitation during the fall of 2014, and may also indicate a slightly more effective capture zone.

Table 3-1 October 2014 Annual Sampling Event Groundwater Analytical Results Summary

Monitoring Well ID	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	TCE (µg/L)	1,4-Dioxane (µg/L)	Location
MW-1B	0.5U	0.5U	0.5U	0.5U	NS	On-site
MW-4	**1600**	**41**	**140**	**280**	NS	On-site
MW-5B	**3000**	**48**	**390**	**180**	NS	On-site
MW-5R	**19**	**7.8**	**11**	2.6	NS	On-site
MW-6B	**8.3**	0.48J	3.8	0.5U	NS	On-site
MW-7R	**18**	**7**	**8**	1.8	NS	On-site
MW-8B	0.5U	0.27J	0.5U	0.5U	NS	Off-site
MW-9B	0.58	0.58	0.5U	0.5U	NS	Off-site
MW-10B	0.5U	0.5U	0.5U	0.5U	NS	Off-site
MW-11B	4.9	**6.7**	**13**	2.7	NS	On-site
MW-11C	3.2	1.2	0.5U	0.95	NS	On-site
MW-12B	2.5	3.2	**5.2**	1.4	NS	Off-site
MW-13B	0.5U	0.5U	0.5U	0.5U	NS	Off-site
MW-14B	0.5U	1.4	1.4	0.5U	NS	Off-site
MW-15B	**72**	**13**	**36**	1.4	NS	Off-site
MW-16	**23**	3.3	**20**	0.5U	NS	Off-site
MW-17-1	**22**	**7.4**	**19**	3.8	NS	Off-site
MW-17-2	**16**	**9.7**	**19**	2.8	NS	Off-site
MW-17-3	**17**	**12**	**22**	0.5U	NS	Off-site
MW-18-1	0.5U	0.61	0.5U	0.5U	NS	Off-site
MW-18-2	0.5U	0.78	0.5U	0.5U	NS	Off-site
MW-18-3	0.5U	0.5U	0.5U	0.5U	NS	Off-site
MW-19-1	0.5U	0.57	0.58	0.5U	NS	Off-site
MW-19-2	0.5U	1.4	1.1	0.5U	NS	Off-site
MW-19-3	0.5U	1.5	1.1	0.5U	NS	Off-site
MW-20-1	0.5U	0.5U	0.5U	0.5U	NS	Off-site
MW-20-2	0.5U	0.5U	0.5U	0.5U	NS	Off-site
MW-20-3	0.5U	0.5U	0.5U	0.5U	NS	Off-site
MW-21-1	**7.3**	0.98	4.7J	2.2	NS	Off-site
MW-21-2	4.2	1.0	3.0J	1.5	NS	Off-site
MW-21-3	NS	NS	NS	NS	NS	Off-site
MW-21-4	3.5	0.63	2.5	1.0	NS	Off-site
MW-21-5	3.4	0.59	2.4	1.1	NS	Off-site
MW-21-6	2.7	1.1	2.5	0.97	NS	Off-site
ERT-1	**18**	**7.1**	**11**	2.3	NS	On-site
ERT-2	**21**	**7.3**	**15**	**5**	NS	On-site
ERT-3	**170**	**14**	**37**	**38**	NS	On-site
ERT-4	**840**	**13**	**62**	**41**	NS	On-site
SVE-19	**7900**	**46**	**1300**	**250**	NS	On-site
SVE-20	**3100**	**320**	**2600**	**1500**	NS	On-site
SVE-21	**2700**	**110**	**1500**	**1500**	NS	On-site
SVE-22	**8400**	**75**	**580**	**470**	NS	On-site
SVE-23	**1300**	**480**	**2400**	**270**	NS	On-site

Notes: This table provides a summary of the October 2014 groundwater monitoring well sampling results for the MRIP Site, for only four primary chlorinated VOC contaminants of concern, as follows:

1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
TCE = Trichloroethene
U = Non-detect compound
J = Estimated value
NA = Not analyzed
NS = Not sampled

Other VOCs were detected during the October 2014 annual sampling event at varying locations
A complete summary of the analytical results for the October 2014 event is included in Appendix C
The NYS MCL for 1,1,1-TCA, 1,1-DCA, 1,1-DCE, and TCE is 5 µg/L; the MCL for 1,4-dioxane is 50 µg/L
Results that exceed the NYS MCL are bold and shaded
All data expressed in concentrations of micrograms per liter (µg/L) or parts per billion (ppb)

4.0 Conclusions and Recommendations

As shown on the historical summary table in Appendix C, the highest contaminant concentrations were detected in on-site wells, along with immediately downgradient well MW-15B and FLUTe well MW-17, consistent with previous results. Contaminants were detected above method detection limits in all on-site wells except for background well MW-1B (upgradient). Figure 9, which provides an overlay of the total VOC plume in October 2014 compared to the isoconcentrations in October 2008, shows that the 10 and 100 µg/L plumes have decreased in size over the past 6 years.

Source area wells have generally continued to show consistent downward historical trends or concentrations consistent with historical values. Six of the nine source area wells continued that trend for the October 2014 sampling event; however, shallow source well MW-5B (36.2') had concentrations higher than reported since 2009. ERT-1, ERT-4, and MW-4 declined from 2013 levels, when they had all increased to concentrations that were higher than reported since 2009.

Mid-plume wells generally had VOC concentrations above 10 µg/L, and concentrations in these wells remained relatively consistent with historical results, with generally continued downward trends. MW-11C had the lowest levels reported since installation in 1999, with 1,1-DCE below detection limit for the first time. Mid-plume well MW-16, which is located in an area of anomalous geology for the site, continued to produce fluctuating concentrations based on the season (low levels in the spring, slightly higher levels in the winter, and levels an order of magnitude higher in summer and fall). Side-gradient wells were below detection limits for all constituents, demonstrating continued delineation of the groundwater plume to the northwest and on the eastern side of the farfield plume.

VOC concentrations in the farfield FLUTe well MW-17 exhibited historically low concentrations for the second straight sampling event, and mid-plume/side-gradient FLUTe well MW-21 continues to be near historically low levels. Farfield wells MW-14B and FLUTe well MW-19 have continued to show consistent levels since 2010, but with a slight upward trend from historic levels. Between 1999 and 2008, the total VOCs in these wells were less than 1 µg/L and/or below detection limits; total VOCs have ranged from 1.2 to 5.3 µg/L in these wells since 2008. The consistent results indicate a stable leading edge of the plume over the past six years.

All wells in the farfield plume with statistically significant trends have historically shown decreasing contaminant concentrations. The increased extraction rates of the nearfield treatment system and the potential source removal from the SVE system increase the likelihood that the plume margins will shrink in the future. However, the VOC levels reported in all five of the shallow SVE wells (up to 31,000 ppb of 1,1,1-TCA) were an order of magnitude higher than any of the source area wells, indicating the potential for there to be residual source material that should be considered for more active source area remediation in the future.

COC trend graphs are provided in Appendix E for all of the site-related monitoring wells that have meaningful data (concentrations historically above detection limits). These graphs generally demonstrate the plume stability over the past 14 years, with significant downward trends in most of the wells. Isoconcentration maps for total VOCs and each of the individual COCs are provided as Figures 4 through 8, showing the approximate current limits of the contaminant plume.

USACE prepared a memorandum on the recommended sampling strategy for the MNA remedy dated March 11, 2011. The following provides a summary of some of the key findings from that document:

- 1,1,1-TCA and TCE concentrations have generally declined over time at wells located both in the near and farfield sections of the groundwater plume.
- All wells over the cleanup level for 1,1,1-TCA showed statistically significant downward trends in concentration over time, with the exception of MW-5B and MW-17-3. MW-5B is located in the source area. However, over the past six sampling events, MW-17-3 has begun to show a statistically significant reduction in concentrations.
- All wells over the cleanup level for TCE showed statistically significant downward trends in concentration over time, with the exception of MW-5B which is located in/near the source area and was subject to continuing vadose zone source area contaminant flux at the time (source area was undergoing remediation via SVE at that time).
- A much smaller number of monitoring wells in the near and farfield plumes showed statistically significant decreases in concentrations for 1,1-DCA and 1,1-DCE. This is likely due to the competing effects of natural attenuation of the compounds vs. the generation of these two compounds via the degradation of 1,1,1-TCA.
- The monitoring wells at the edges of the plume show very low concentrations for all contaminants of concern, all with stable or decreasing trends. All wells with statistically significant trends are decreasing. Coupled with the fact that nearfield concentrations are stable or decreasing, the plume is likely stable.
- The majority of the monitoring wells show geochemical conditions not conducive to reductive chlorination. However, marginally reducing conditions are present in wells bordering the plume edge from the southwest to the northeast, indicating that any contamination that reaches beyond the current plume boundaries would likely attenuate naturally before reaching residential wells.

In general, the analytical data from this monitoring event continues to be consistent with the historical trends described by USACE.

The current monitoring well network is sufficient to ensure the continued protection of downgradient wells while also continuing to monitor the effectiveness of MNA, as evidenced by the following facts:

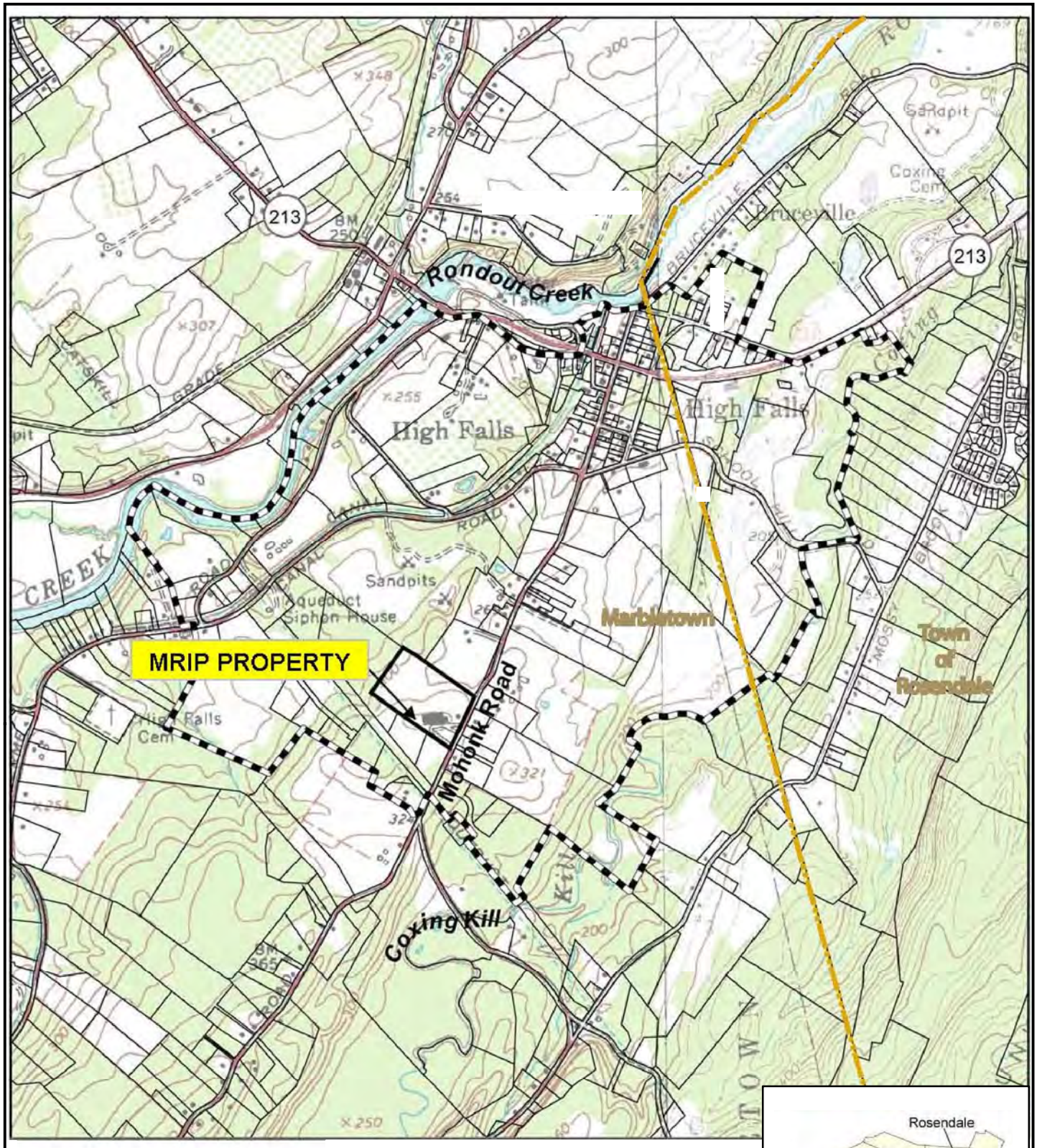
- The current and historical boundaries of both nearfield and farfield plumes are defined;
- The network is protective of potential receptors by having sentinel and warning wells in the correct locations/depths;
- Sufficient wells are located in the midpoint of the plume to show contaminant concentration trends; and
- Assessment of the LTM network will continue to be re-evaluated on a yearly basis after the annual sampling events and during the Five-Year Review reports.

The sampling program was evaluated as part of the January 2013 Long-Term Groundwater Monitoring Plan, prepared by AECOM. The sampling locations, frequencies, and analytical parameters have been found to be representative of the groundwater, protective of the environment, and adequate to continue to monitor the effectiveness of the remedy. Therefore,

the next annual sampling program is recommended to include the same wells and parameters as the October 2014 event. In addition, in accordance with the approved LTM Plan, gases, metals, and wet chemistry associated with MNA parameters will be sampled during the next event, along with 1,4-dioxane.

The next annual sampling event is scheduled for October/November 2015 to continue to evaluate the natural attenuation of the groundwater plume, as well as to ensure continued residential protection downgradient of the HFWD.

Figures



AECOM
675 N. Washington Street, Suite 300, Alexandria, VA. 22314
Phone: 703.549.8728 FAX: 703.549.9134 aecom.com

Mohonk Road Industrial Plant Ulster County, New York

FIGURE 1

Site Location Map

CONTRACT NO	TASK NO
##########	####
DESIGNED BY K. Weber	DRAWN BY K. Weber
CHECKED BY F. Metcalf	DATE June 2013
SCALE See Figure	SHEET 1 of 1

Figure_1.mxd

MW-20*
144.35
148.99
126.82

MW-8B
128.22

MW-19*
127.83
A
A

MW-14B
149.12

130
140
150
160
170
180
190
200
210
220
230
230

MW-10B
191.17

MW-18*
A
(<204.45)

MW-9
226.24

MW-9B
222.00

MW-17*
220.22
216.31
216.21

MW-16
218.73

MW-12B
217.79

MW-15B
227.58

MW-13B
A
(>221.93)

MW-WN
221.38

MW-21*
A
(>233.59)

MW-11C
218.52

MW-11B
209.61

MW-11+
257.39

ERT-2
199.60

ERT-3
199.43

MW-5B+
289.86

MW-7B
218.73

MW-4+
310.01

MW-6B
222.60

200
220
240
250
260

ERT-4+
286.52

MW-1B
251.22

0 0.125 0.25 0.5 Miles

Monitoring Well

Potentiometric Contours (feet AMSL)

Approximate

Regular

Water District Boundary

NOTES:

-Features placed utilizing aerial photography, historical documents, and field notes. Horizontal accuracy is approximate.

-Isocontour intervals = 10 feet.

-AMSL = Above Mean Sea Level; NM = Not Measured.

-Asterisk (*) indicates multiple sampling ports, bold value used for contouring.

-Cross(+) indicates wells with higher water levels due to shallow completion depth (MW-4, MW-5B, MW-11, ERT-4); these wells were not used in the contours.

-For Artesian (A) wells, top of casing is reported.

-Coordinate System = NAD83 UTM Zone 18N.

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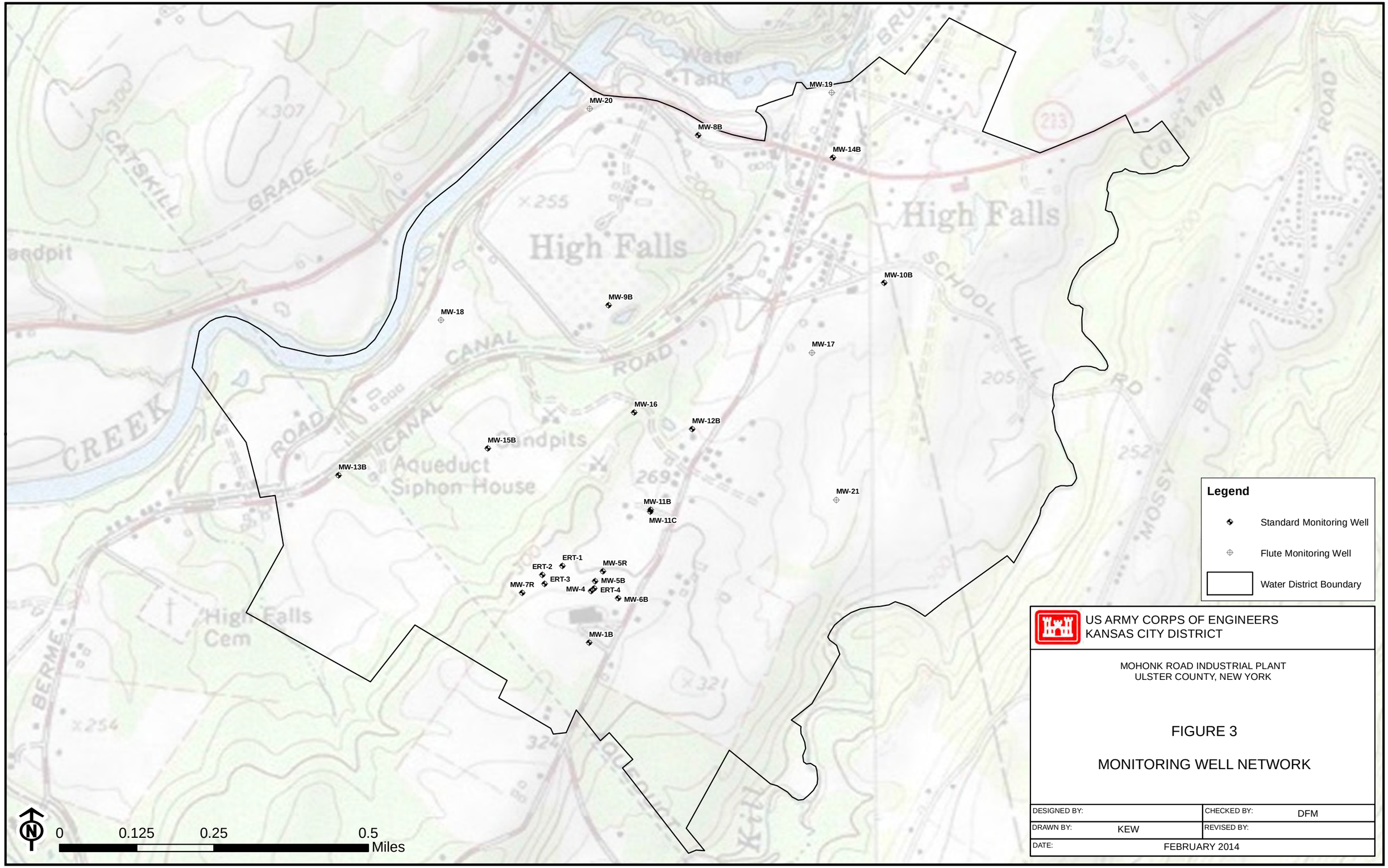
MOHONK ROAD INDUSTRIAL PLANT
ULSTER COUNTY, NEW YORK

FIGURE 2
POTENTIOMETRIC SURFACE MAP
OCTOBER 2014

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: FEBRUARY 2015	



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MOHONK ROAD INDUSTRIAL PLANT
ULSTER COUNTY, NEW YORK

FIGURE 3

MONITORING WELL NETWORK

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: FEBRUARY 2014	

MW-20*
ND
ND
ND

MW-8B
0.27

MW-19*
1.15
2.5
2.6

MW-14B
2.8

MW-10B
ND

MW-18*
0.61
0.78
ND

MW-9
NS

MW-9B
1.16

MW-17*
52.2
47.5
51.0

MW-16
46.3

MW-12B
12.3

MW-15B
122.4

MW-13B
ND

MW-21*
15.2
9.7
NS
7.63
7.49
7.27

MW-11C
5.35

MW-11B
27.3

MW-11
NS

ERT-1
38.4

MW-5R
40.4

ERT-2
48.3

ERT-3
259

MW-5B
3618

MW-7B
NS

MW-4
2061

MW-6B
12.6

MW-7R
34.8

ERT-4
956

MW-1B
ND

10
100
1000

Water Tank
High Falls
Aqueduct Siphon House
High Falls Cem
CATSKILL GRADE
CANAL ROAD
SCHOOL HILL ROAD
BERME
CREEK

0 0.125 0.25 0.5 Miles

Monitoring Well

Extraction Well

Total VOC Concentration Contour:

≤100 ppb, ≤10 ppb

1000 ppb

Water District Boundary

NOTES:
-Features placed utilizing aerial photography, historical documents, and field notes. Horizontal accuracy is approximate.
-ND = Not Detected, NS = Not Sampled
-Asterick (*) Indicated multiple sampling ports.
-Coordinate System = NAD83 UTM Zone 18N.

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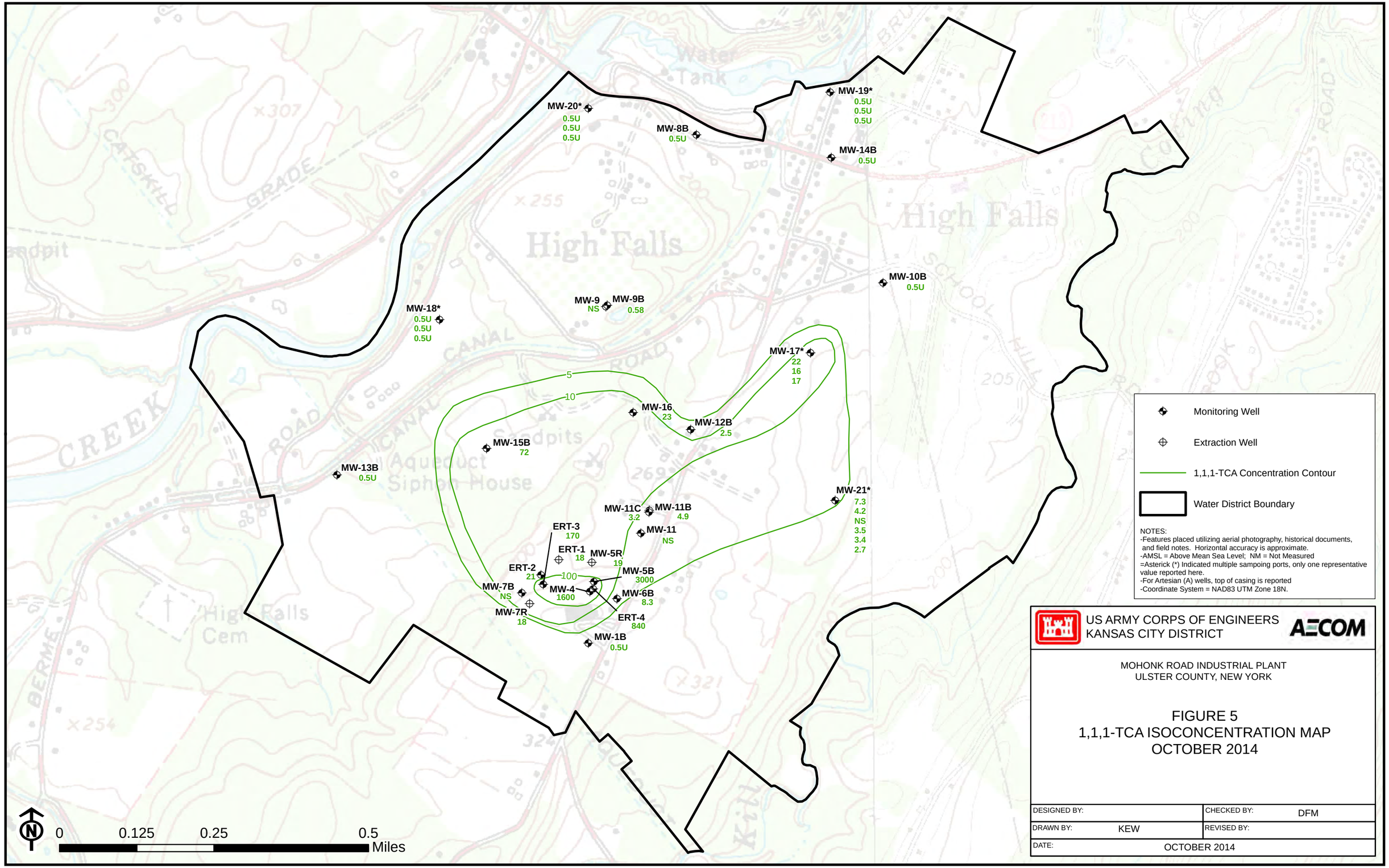
ULSTER COUNTY, NEW YORK

FIGURE 4
TOTAL VOLATILE ORGANIC COMPOUND ISOCONCENTRATION MAP
OCTOBER 2014

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: FEBRUARY 2015	



NOTES:
-Features placed utilizing aerial photography, historical documents, and field notes. Horizontal accuracy is approximate.
-AMSL = Above Mean Sea Level; NM = Not Measured
=Asterick (*) Indicated multiple sampoing ports, only one representative value reported here.
-For Artesian (A) wells, top of casing is reported
-Coordinate System = NAD83 UTM Zone 18N.

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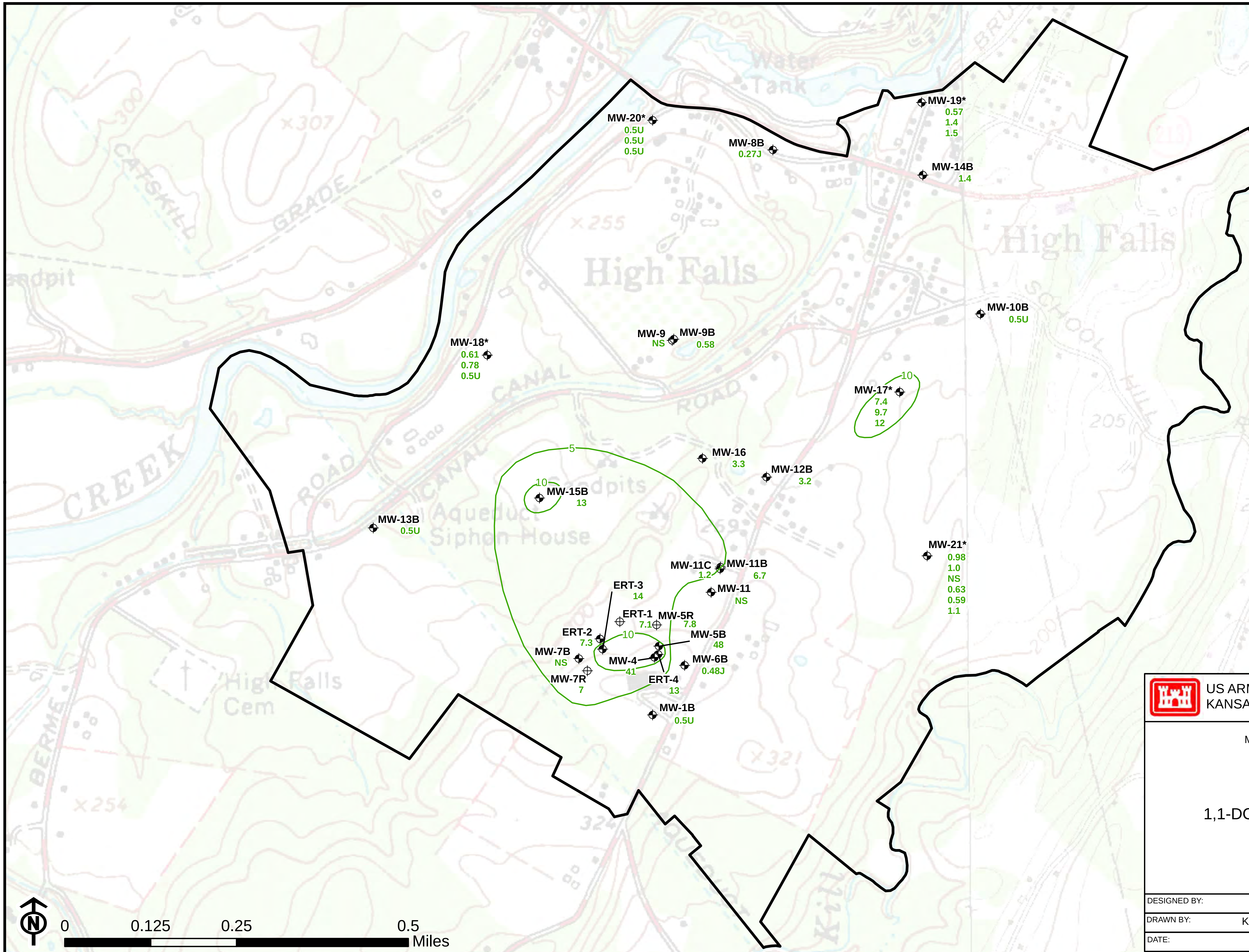
FIGURE 5
1,1,1-TCA ISOCONCENTRATION MAP
OCTOBER 2014

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: OCTOBER 2014	



Monitoring Well

Extraction Well

1,1-DCA Concentration Contour

Water District Boundary

NOTES:
-Features placed utilizing aerial photography, historical documents, and field notes. Horizontal accuracy is approximate.
-AMSL = Above Mean Sea Level; NM = Not Measured
=Asterick (*) Indicated multiple sampong ports, only one representative value reported here.
-For Artesian (A) wells, top of casing is reported
-Coordinate System = NAD83 UTM Zone 18N.

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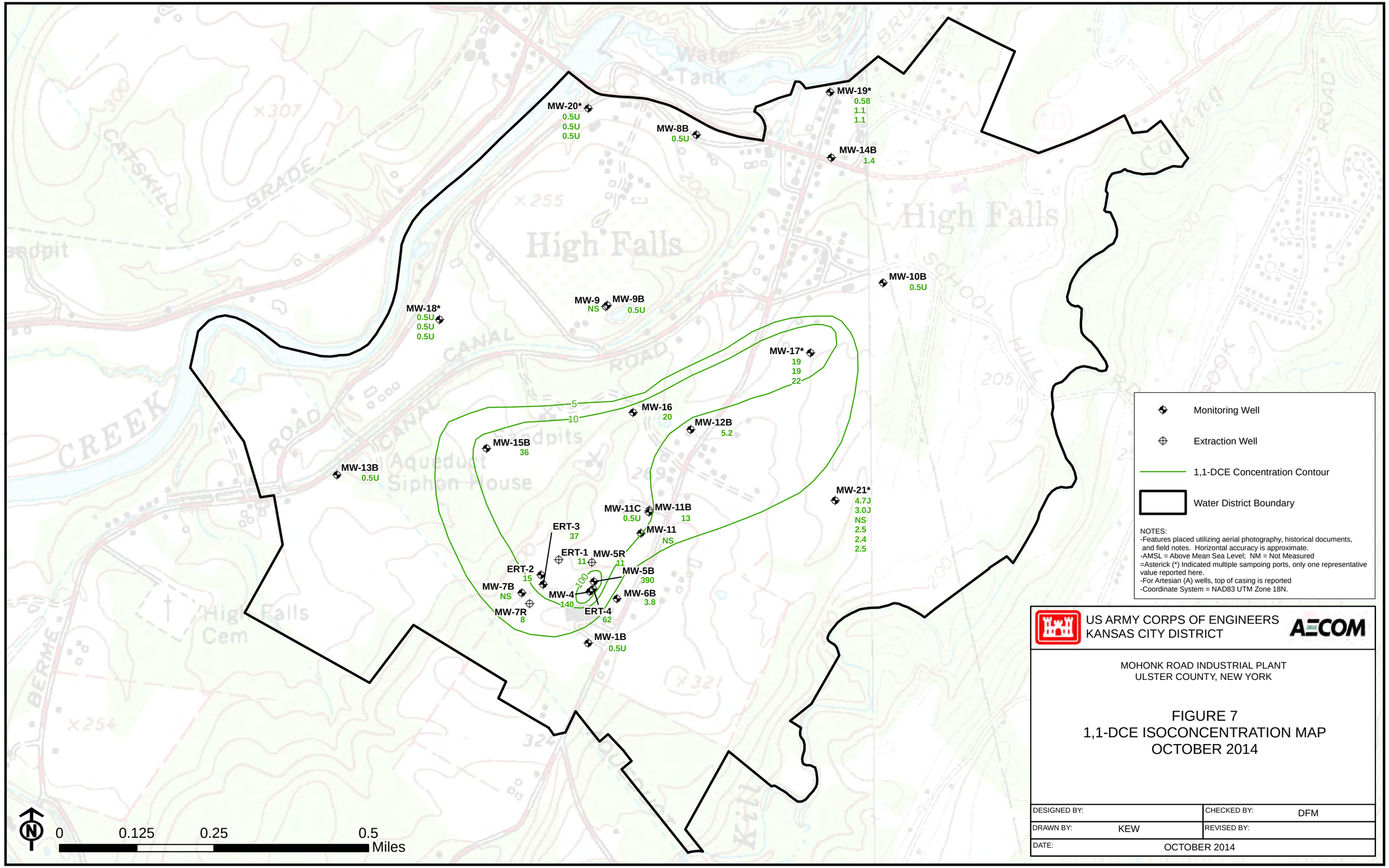
ULSTER COUNTY, NEW YORK

FIGURE 6
1,1-DCA ISOCONCENTRATION MAP
OCTOBER 2014

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: OCTOBER 2014	



NOTES:
-Features placed utilizing aerial photography, historical documents, and field notes. Horizontal accuracy is approximate.
-AMSL = Above Mean Sea Level; NM = Not Measured
=Asterick (*) Indicated multiple sampoing ports, only one representative value reported here.
-For Artesian (A) wells, top of casing is reported
-Coordinate System = NAD83 UTM Zone 18N.

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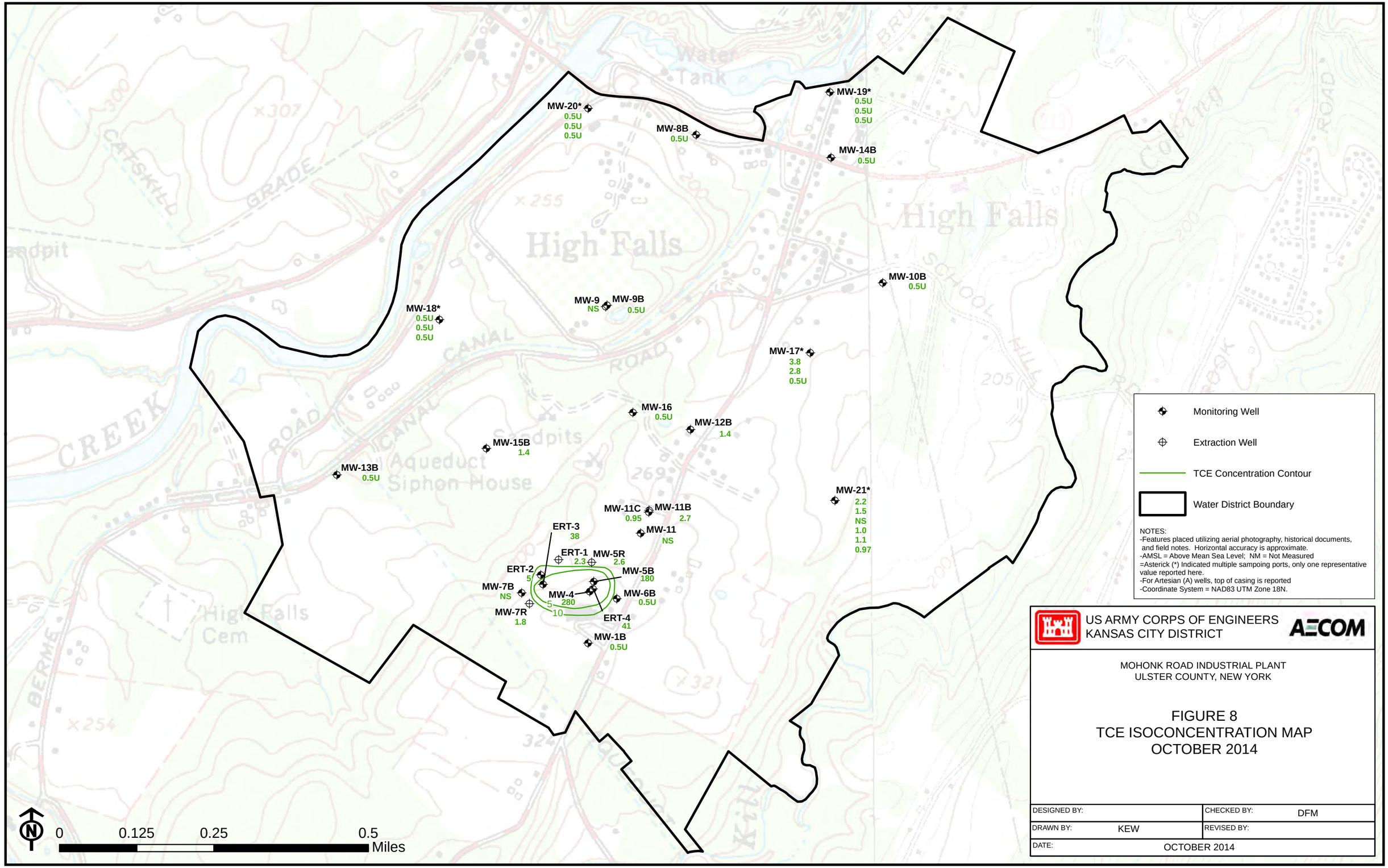
FIGURE 7
1,1-DCE ISOCONCENTRATION MAP
OCTOBER 2014

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: OCTOBER 2014	



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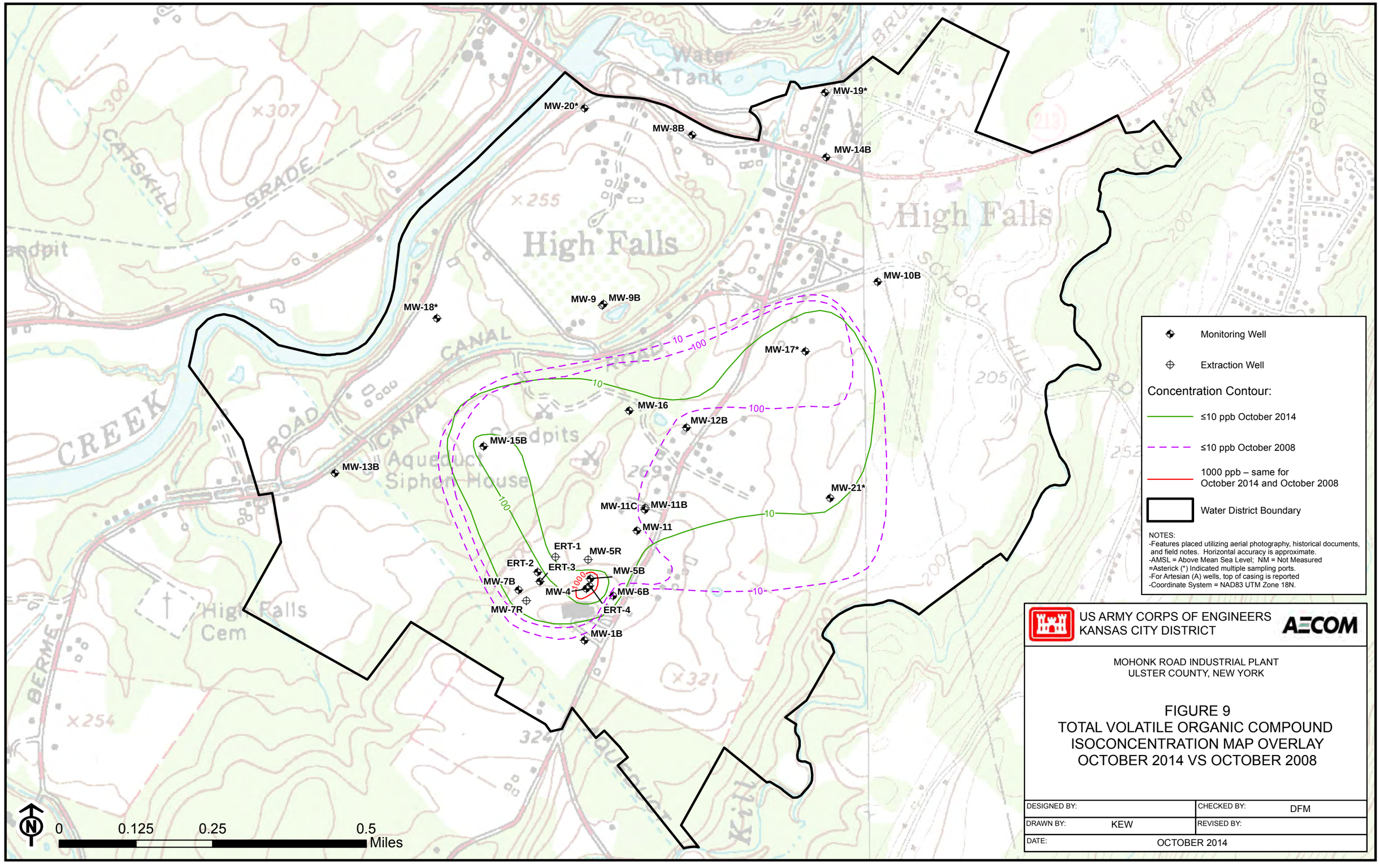
MOHONK ROAD INDUSTRIAL PLANT
ULSTER COUNTY, NEW YORK

FIGURE 8
TCE ISOCONCENTRATION MAP
OCTOBER 2014

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: OCTOBER 2014	



NOTES:
-Features placed utilizing aerial photography, historical documents, and field notes. Horizontal accuracy is approximate.
-AMSL = Above Mean Sea Level; NM = Not Measured
=Asterick (*) Indicated multiple sampling ports.
-For Artesian (A) wells, top of casing is reported
-Coordinate System = NAD83 UTM Zone 18N.

US ARMY CORPS OF ENGINEERS
KANSAS CITY DISTRICT

AECOM

MOHONK ROAD INDUSTRIAL PLANT
ULSTER COUNTY, NEW YORK

FIGURE 9
TOTAL VOLATILE ORGANIC COMPOUND ISOCONCENTRATION MAP OVERLAY OCTOBER 2014 VS OCTOBER 2008

DESIGNED BY:	CHECKED BY: DFM
DRAWN BY: KEW	REVISED BY:
DATE: OCTOBER 2014	

Appendix A

Daily Quality Control Reports (DQCRs)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/7/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	1			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized and sampled MW-9B.
Decontaminated grundfos pump.
Filled out event QAQC forms, daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project setup and update.
Labeled MW-9B sample bottles and placed in refrigerator to hold until shipped.
Mobilized from site.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
None

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork and staring scribe for the first time.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/7/14	AECOM Project No.: 60267313.2.1

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
Deficiencies in information needed for scribe setup. Call made to Mark Howard to acquire additional information.

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
Difficulties with starting scribe for the first time on the project

Tomorrow's Expectations:
Sample three wells

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/8/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	1			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized and sampled MW-8B.
Decontaminated grundfos pump.
Filled out event QAQC forms, daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project setup and update.
Labeled MW-8B sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-10B.
Decontaminated grundfos pump.
Filled out event QAQC forms, daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project setup and update.
Labeled MW-10B sample bottles and placed in refrigerator to hold until shipped.
Mobilized to MW-13B to hook up for artesian purge.
Mobilized from site.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
None

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/8/14	AECOM Project No.: 60267313.2.1

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample MW-13B and three additional wells

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/9/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	3			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized and sampled MW-13B.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-13B sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-12B.
Decontaminated grundfos pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-12B sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-6.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-6 sample bottles and placed in refrigerator to hold until shipped.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
None

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/9/14	AECOM Project No.: 60267313.2.1

Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample three wells

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/10/14 | AECOM Project No.: 60267317.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	4			

AECOM Personnel On-Site:
Tim Steinhofer, Ross McCredy

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized and sampled ERT-1 and Dup-01.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled ERT-1 and Dup-01 sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-5R.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-5R sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-15B.
Decontaminated Pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-15B sample bottles and placed in refrigerator to hold until shipped.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
Treatment System Down unable to sample MW-7R. Aztech was contacted about issue and will be out Tuesday to restart system.

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork. Also delayed due to system shut down

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/10/14	AECOM Project No.: 60267317.2.1

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Off tomorrow will return on Monday to continue event. Expect to sample two wells tomorrow.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/13/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	3			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized and sampled ERT-2.
Decontaminated grundfos pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled ERT-2 sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled ERT-3 and DUP-02.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled ERT-3 sample bottles and placed in refrigerator to hold until shipped.
Decon grundfos and collected Equipment Blank-01.
Labeled Equipment Blank-01sample bottles and placed in refrigerator to hold until shipped.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
None

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/13/14	AECOM Project No.: 60267313.2.1

Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample two wells and equipment blank

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/14/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	3			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized and sampled MW-11C and DUP-03.
Decontaminated grundfos pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-11C and DUP-03 sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-11B and collected MS/MSD.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-11B and MS/MSD sample bottles and placed in refrigerator to hold until shipped.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
None

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/14/14	AECOM Project No.: 60267313.2.1
Yes	
Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results): N/A	
Has a phase hazard analysis been performed? Yes	
Comments and deficiencies noted and corrective actions taken: None	
Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken): N/A	
Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken): N/A	
Special Notes: N/A	
Tomorrow's Expectations: Sample two wells and equipment blank	
By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)
The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.	
Signature:	(Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/15/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	3			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-6B. Not enough water to fill tubing to surface. Effectively Dry.
Decontaminated pump.
Mobilized and purged MW-1B to top of pump and let recharge. Left pump in well to not disturb water column.
Mobilized and sampled MW-7R.
Decontaminated grundfos pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled MW-7R sample bottles and placed in refrigerator to hold until shipped.
Mobilized and sampled MW-1B.
Decontaminated pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Mobilized and Sampled MW-14B.
Decontaminated Pump.
Labeled MW-14B and prepared cooler for shipment of samples.
Off-site to ship samples.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
MW-6B does not have enough water to purge. MW-1B had unstable water level and was purged to top of pump.

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/15/14	AECOM Project No.: 60267313.2.1

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample two wells.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/16/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	8			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-4. Not enough water to fill tubing to surface. Effectively Dry.
Decontaminated pump.
Mobilized to MW-5B Not enough water to fill tubing. Effectively Dry.
Decontaminated grundfos pump.
Collected Equipment Blank-02, labeled and placed in refrigerator to hold until sample shipment.
Mobilized to MW-6B. Still not enough water to fill tubing.
Checked Water Level in SVE wells and determined they will be able to be sampled.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Mobilized and sampled ERT-4. Unstable water level. Well was purged to top of pump and allowed to recharge prior to sampling.
Decontaminated pump.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Labeled ERT-4 and placed samples in refrigerator until shipment of samples.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
MW-6B, 4, and 5B do not have enough water to purge. ERT-4 had unstable water level and was purged to top of pump prior to sampling.

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/16/14	AECOM Project No.: 60267313.2.1

meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample two wells.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/17/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	9			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to SVE-19. Water level would not stabilize. Purged to top of pump. Left pump in well.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Conducted access agreement visits to property owners while SVE-19 recharged.
Checked SVE-19 for recharge and none occurred. Will leave pump in well and secure from weather.
Updated scribe and packed cooler for shipment of samples for Saturday delivery.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
SVE-19 was purged to top of pump and no recharge was recorded. Will asses Monday.

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/17/14	AECOM Project No.: 60267313.2.1

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample two wells.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/20/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	10			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to SVE-19 and Sampled.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Mobilized to SVE-20. Water level would not stabilize. Purged to top of pump.
Decontaminated Pump.
Mobilized to SVE-21. Water level would not stabilize. Purged to top of pump.
Decontaminated Pump
Mobilized to SVE-22. Water level would not stabilize. Purged to top of pump.
Decontaminated Pump.
Mobilized to SVE-23. Water level would not stabilize. Purged to top of pump.
Decontaminated Pump.
Filled out daily QAQC forms, updated weekly QAQC forms.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
N/A

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/20/14	AECOM Project No.: 60267313.2.1

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Sample SVE-21-23 and MW-4,5B, 6B

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/21/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	11			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-4 and Sampled.
Mobilized to MW-5B and Sampled.
Mobilized to MW-6B and Sampled.
Mobilized to SVE-20 and Sampled.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Mobilized to SVE-21 and Sampled.
Mobilized to SVE-22 and Sampled.
Mobilized to SVE-23 and Sampled.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
All samples placed in cooler and shipped to CLP Lab.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
N/A

Explain any Delays or Work Stoppage:
Delays encountered with completing QAQC paperwork.

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/21/14	AECOM Project No.: 60267313.2.1

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Set up and prepare to begin FLUTe wells.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature:	(Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/22/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	12			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-19.
Sampled MW-19-1 and DUP-04.
Sampled MW-19-2.
Sampled MW-19-3.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Placed all samples in refrigerator to hold for shipment.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
N/A

Explain any Delays or Work Stoppage:
N/A

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/22/14	AECOM Project No.: 60267313.2.1
Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results): N/A	
Has a phase hazard analysis been performed? Yes	
Comments and deficiencies noted and corrective actions taken: None	
Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken): N/A	
Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken): N/A	
Special Notes: N/A	
Tomorrow's Expectations: Set up and continue FLUTe wells.	
By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)
The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.	
Signature:	(Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/23/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	13			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer, Mark Howard

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-17.
Sampled MW-17-1.
Sampled MW-17-2.
Sampled MW-17-3.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Mobilized to MW-20.
Sampled MW-20-1.
Sampled MW-20-2.
Sampled MW-20-3.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Placed all samples in refrigerator to hold for shipment.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
N/A

Explain any Delays or Work Stoppage:
N/A

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/23/14	AECOM Project No.: 60267313.2.1

Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
Set up and continue FLUTe wells.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/24/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	14			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-17.
Sampled MW-18-1 and MS/MSD.
Sampled MW-18-2 and DUP-05.
Sampled MW-18-3.
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Placed all samples in cooler for shipment to CLP Lab.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
N/A

Explain any Delays or Work Stoppage:
N/A

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

Has all preliminary work been inspected, tested, and completed?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/24/14	AECOM Project No.: 60267313.2.1
Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results): N/A	
Has a phase hazard analysis been performed? Yes	
Comments and deficiencies noted and corrective actions taken: None	
Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken): N/A	
Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken): N/A	
Special Notes: N/A	
Tomorrow's Expectations: Set up and continue FLUTe wells.	
By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)
The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.	
Signature:	(Contractor's Authorized Representative)

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY

Client: USACOE | Contract No.: W912DQ-11-D-3003, TO 003

Contractor: AECOM, Inc.
Address: 4840 Cox Road
Glen Allen, Virginia 23060
Phone No.: (804) 515-8300

Date: 10/28/14 | AECOM Project No.: 60267313.2.1

Day	S	M	T	W	T	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp.	To 32	32-50	50-70	70-85	85 Up		
Wind	Still	Moderate	High	Report No.			
Humidity	Dry	Moderate	Humid	15			

AECOM Personnel On-Site:
Matt Dean, Tim Steinhofer

Subcontractor (include names & responsibilities):
None

Contract Materials and Equipment on site:
One rental truck, one AECOM water level meter, one YSI-556, one Hach colorimeter, one LaMotte 2020 turbidimeter.

Work Performed (include sampling; list by NAS number if applicable):
Tailgate Safety Meeting.
Mobilized to MW-21.
Sampled MW-21-1.
Sampled MW-21-2.
Sampled MW-21-4.
Sampled MW-21-5.
Sampled MW-21-6
Filled out daily QAQC forms, updated weekly QAQC forms.
Conducted scribe project update.
Placed all samples in cooler for shipment to CLP Lab.
Mobilized to Flute wells to collect water levels.

Quality Control Activities (including field calibrations):
Calibrated YSI and Turbidimeter

Health and Safety Levels and Activities:
Modified Level D

Problems Encountered/Correction Action Taken:
N/A

Explain any Delays or Work Stoppage:
N/A

Explain Developments Leading to Change in SOW or Finding of Fact:
None

Preparatory Inspection (list all inspections by subject and specification location; attach minutes of meeting and list of all attendees):
None

Have all required submittals and samples of construction been approved?
Yes

Do the materials and equipment to be used conform to the submittals?
Yes

DAILY CHEMICAL QUALITY CONTROL REPORT

Site Name and Location: Mohonk Road Industrial Plant Site (MRIP) – High Falls, NY	
Client: USACOE	Contract No.: W912DQ-11-D-3003, TO 003
Contractor: AECOM, Inc. Address: 4840 Cox Road Glen Allen, Virginia 23060 Phone No.: (804) 515-8300	
Date: 10/28/14	AECOM Project No.: 60267313.2.1

Has all preliminary work been inspected, tested, and completed?
Yes

Test required and inspection techniques to be executed to prove contract compliance (include both expected and actual results):
N/A

Has a phase hazard analysis been performed?
Yes

Comments and deficiencies noted and corrective actions taken:
None

Initial Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Follow-up Inspection (List all inspections by subject and specification location. Comment and/or deficiencies noted and corrective actions taken):
N/A

Special Notes:
N/A

Tomorrow's Expectations:
All wells complete.

By: Tim Steinhofer	**Title:** Scientist
Signature:	(Quality Control Representative/Manager)

The above report is complete and correct. All materials and equipment used and all work performed during this reporting period are in compliance with the contract specifications and submittals, except as noted above.

Signature: (Contractor's Authorized Representative)

Appendix B

Monitoring Well Purge Logs

Appendix C

Monitoring Well Analytical Data Summary Tables

Mohonk Road Industrial Plant Superfund Site
Historical Summary of Groundwater Analytical Results
Monitoring Well Sampling Events

Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-1B	October 1999	10 U	10 U	10U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA
	January 2002	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	August 2002	<1.0 J	<1.0 J	<1.0 J	<1.0 J	NA
	January 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	1.3 J
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2006	0.5 U	0.5 U	0.5 U	0.5 U	2 R
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	July 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.2 J
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	January 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	May 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	July 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	1.9 UL
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA
MRMW-4	October 1999	6,800 J	62	380 J	1,600	NA
	December 2000	4,500	75 J	500	1,600	NA
	June 2001	3,580	49.5	516	1,470	NA
	January 2002	6,160	64	891	2,490	NA
	August 2002	3,300	49	650	1,800	NA
	January 2003	2,960	32	428	1,650	NA
	July 2003	2,220	34	306	1,420	NA
	July 2004	2,200	33 J	310	1,300	9.6
	April 2005	1,600	41	290	1,300	13
	October 2005	820	39 J	100	800	16 J
	April 2006	1,500 J	31 J	240	1,000 J	5.9
	October 2006	1,100	43	120	1,100	4
	April 2007	1,700	34	210	970	NA
	December 2007	1,100	47 J	160	990	3.3
	April 2008	770	32 J	110	660	9.6
	May 2009	770	43	73	710	4
	October 2010	360	9.2	33	140	NA
	June 2011	310	7.8	43	190	2.2 UL
	January 2013	400	26	42	190	NA
	November 2013	4,900	50	340	480	2.0 U
	October 2014	1,600	41	140	280	NA
MRMW-5B	October 1999	2,900	50	250	130	NA
	December 2000	2,100	43	280	120	NA
	June 2001	2,370	47.0	327	91.0	NA
	January 2002	10,100	92.0	1360	436.0	NA
	January 2003	3,030	19	445	171	NA
	July 2003	1,460	27	171	62	NA
	July 2004	NS	NS	NS	NS	NS
	April 2005	3,000	35	440	270	15
	October 2005	1,100	41 J	97	96	27
	April 2006	2,500	28 J	280	230 J	12J
	October 2006	880	8.7	110	87	3.1
	April 2007	2,600	27	420	120	NA
	December 2007	4,600	15	560	380	4
	April 2008	6,300	21	770	140	14
	July 2008	1,600	20	160 J	78	18
	October 2008	1,000	24	120	70	9.7
	May 2009	5,000	40	890	240	10
	October 2010	410	10	54	31	4.5
	June 2011	580	8.4	83	40	2.1 U
	January 2013	650	6.4	78	73	NA
	November 2013	1,600	35	120	93	5.0
	October 2014	3,000	48	390	180	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-5R	October 1999*	290 J	7 J	28	16	NA
	December 1999	1,500	22	270	62	NA
	December 2000	400	23	120	34	NA
	June 2001	466	17.4	75.0	24.5	NA
	January 2002	1,570	67	339.0	67	NA
	August 2002	440	22	110	27	NA
	January 2003	374	19	84	22	NA
	July 2003	116	5	30	8	NA
	July 2004	290	19	61	10	NA
	March 2005	280	14	67	20	7.1
	October 2006	230	15	61	9.2	5
	April 2007	130	33	47	7	NA
	December 2007	350	55	36	2.1	2.1 U
	April 2008	36	3.4	14	6	14
	October 2008	99	12	33	9.8	5.4
	January 2009	110	15	40	11	4
	May 2009	140	6.6	35	10	3
	July 2009	55	4.6	24	6.9	2.0 U
	October 2009	210	7.5	35	7.7	1.5 J
	June 2011	79	11	30	8.1	2.7
	January 2013	25	2.4	10	5.3	NA
	November 2013	30	2.7	9.6	6.5	2.0 U
	October 2014	19	7.8	11	2.6	NA
MRMW-6B	October 1999	58	2J	7J	10 U	NA
	December 2000	28	<3 U	3	<3 U	NA
	June 2001	30.4	0.5	5.7	0.2 J	NA
	January 2002	78	1	13	0.7 J	NA
	August 2002	27	0.50 J	5.6	<1 J	NA
	January 2003	14	0.4 J	2	<0.3 U	NA
	July 2003	13	<0.3 U	2	<0.3 U	NA
	July 2004	18	0.42 J	3.7	0.5 U	1.6 J
	April 2005	9.2	0.59	1.7	0.5 U	2.3
	April 2006	14	0.5 U	2.6	0.5 U	20 U
	October 2006	11	0.28 J	1.5	0.5 U	20 R
	April 2007	17	0.5 U	3.8	0.5 U	NA
	December 2007	11	0.33 J	1.5	0.5 U	2.1 U
	January 2009	7.3	0.5 U	1.6	0.5 U	2.0 U
	May 2009	8.5	0.5 U	1.5	0.5 U	2.2 U
	July 2009	6.8	0.5 U	1.3	0.5 U	2.1 U
	October 2009	3.6	0.18	0.5 U	0.5 U	2.0 U
	January 2013	7.2	0.5 U	2	0.5 U	NA
	November 2013	8.3	0.5 U	3.0	0.5 U	2.0 U
	October 2014	8.3	0.48 J	3.8	0.5 U	NA
MRMW-7R	October 1999*	470	23	35	4 J	NA
	December 1999	1,000	27 J	71	8.9	NA
	December 2000	320	27	44	<3 U	NA
	June 2001	381	23.2	39.8	3.8	NA
	January 2002	550	39	34	4	NA
	August 2002	480	60	56	5.0 J	NA
	January 2003	242/244	15/15	23/24	3/3	NA
	July 2003	365	24	43	4	NA
	July 2004	220	21	25	3.1	NA
	March 2005	270	22	43	5.6	8
	November 2005	170	16	20	3.5 J	11
	May 2006	200	23	24	4.8	NA
	October 2006	250	46	33	1.6	3.9
	April 2007	250	53	43	1.9	NA
	December 2007	350	52	37	2	2
	April 2008	330	25	82	1.5	3.7
	July 2008	57	12	13 J	0.3 J	2.1 U
	October 2008	92	13	33	11	4.6
	January 2009	70	14	19	2.4	2.0 U
	May 2009	160	40	30	2	2.4
	July 2009	240	40	35	2.1	2.0 U
	October 2009	170	39	24	2.4	2.0 U
	October 2010	67	18	18	1.4	2.2 U
	June 2011	92	30	23	2.5	2 U
	January 2013	73	24	19	2.2	NA
	November 2013	33	11	8.8	0.54	2.0 U
	October 2014	18	7	8	1.8	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-8B	October 1999	10 U	10 U	10 U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA
	January 2002	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	January 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	0.89 J
	April 2005	0.5 U	0.24 J	0.11 J	0.5 U	1.6 J
	October 2005	0.5 U	0.5 U	0.5 U	0.5 U	0.99 J
	April 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R/2 R
	October 2006	0.5 U	0.22 J	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.37 J	0.22 J	0.5 U	2 U
	April 2008	0.5 U	0.29 J	0.26 J	0.5 U	3.6
	July 2008	0.5 U	0.25 J	0.5 U	0.5 U	2.1 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	January 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	July 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	0.91
	October 2010	0.5 U	0.55	0.5 U	0.5 U	2 U
	June 2011	0.5 U	1.7	0.74	0.5 U	2 U
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.27 J	0.5 U	0.5 U	NA
MRMW-9	October 1999	10 U	10 U	10 U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA
	January 2002	0.7 J	<0.4 U	<0.4 U	<0.3 U	NA
	August 2002	0.73	0.27 J	<0.5	<0.5	NA
	January 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
MRMW-9B	October 1999	10 U	10 U	10 U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	0.6	<0.1 U	0.2 J	<0.1 U	NA
	January 2002	0.9 J	<0.4 U	<0.4 U	<0.3 U	NA
	August 2002	<0.5	<0.5	<0.5	<0.5	NA
	January 2003	0.7 J	0.3 J	<0.4 U	<0.3 U	NA
	July 2003	0.3 J	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.57	0.26 J	0.5 U	0.5 U	2.5
	April 2005	0.69	0.28 J	0.13 J	0.5 U	2.6
	October 2005	0.72	0.26 J	0.5 U	0.5 U	3.4
	April 2006	0.46 J	0.25 J	0.5 U	0.5 U	1 J
	October 2006	0.47 J	0.25 J	0.5 U	0.5 U	20 R
	April 2007	0.7 J	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.48 J	0.5 U	0.5 U	0.5 U	2.1 U
	April 2008	0.42 J	0.22 U	0.5 U	0.5 U	2
	July 2008	0.74	0.28 J	0.5 UJ	0.5 U	3.4
	October 2008	0.59	0.5 U	0.5 U	0.5 U	2.2 U
	January 2009	0.73	0.5 U	0.5 U	0.5 U	2.1 U
	April 2009	0.67	0.5 U	0.5 U	0.5 U	2.4
	July 2009	0.69	0.5 U	0.5 U	0.5 U	2.0 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2010	0.7	0.5 U	0.5 U	0.5 U	2.2 U
	June 2011	0.72	0.5 U	0.5 U	0.5 U	2.1 U
	January 2013	0.52	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.64	0.52	0.5 U	0.5 U	3.9
	October 2014	0.58	0.58	0.5 U	0.5 U	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-10B	October 1999	10 U	10 U	10 U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA
	January 2002	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	August 2002	<0.5	<0.5	<0.5	<0.5	NA
	January 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	0.86 J
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2005	0.1 J	0.5 U	0.5 U	0.5 U	2 U
	April 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 UJ
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	July 2008	0.5 U	0.5 U	0.5 UJ	0.5 U	2 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	January 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	July 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA
MRMW-11	April 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	July 2009	0.5 U	0.5 U	1.0 U	0.5 U	2.0 U
MRMW-11B	October 1999	190	15	29	11	NA
	December 2000	180	36	<3 U	10	NA
	June 2001	64.6	12.3	24.4	4.8	NA
	January 2002	32	6	17	3	NA
	August 2002	56	8.5	28	3.8	NA
	January 2003	37	8	17	3	NA
	July 2003	44 J	9 J	14 J	4 J	NA
	July 2004	25	9.3	18	2.9	7
	April 2005	30	10	23	3.8	7.2
	October 2006	40	7.1	18	6.4	20 R
	April 2007	24	5.4	17	3.5	NA
	December 2007	19	8.3	19 J	3.5	2 U
	April 2008	13	5.3	11 J	2.4	5.3
	January 2009	23	11	27	5.1	3.9
	May 2009	15	8.5	19	3.4	3.8
	July 2009	14	8.4	18	2.8	2.0 U
	October 2009	12	5.8	15	2.7	2.0 U
	October 2010	16	13	23	4.1	3.8
	June 2011	9.5	7.5	12	2.4	2 UL
	January 2013	6.2	6.9	13	2.4	NA
	November 2013	5.8	5.6	12	2.6	2.0 U
	October 2014	4.9	6.7	13	2.7	NA

Mohonk Road Industrial Plant Superfund Site
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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-11C	October 1999	120	6 J	4 J	6 J	NA
	December 2000	130	11	40	7	NA
	June 2001	86.0	7.3	35.2	5.3	NA
	January 2002	86.0	8	28	6	NA
	August 2002	69.0	9.6	37	4.7	NA
	January 2003	73.0	9	35	5	NA
	July 2003	45	4	22	3	NA
	July 2004	28	4.5	14	2.8	5.7
	April 2005	32	5	22	3.6	5.9
	October 2006	16	3	11	2.4	20 R
	April 2007	19	5	18	3.3	NA
	December 2007	12	2	8.2	1.7	2.1 U
	April 2008	6	1.3	4.4	1.1	1.9 J
	July 2008	10	1.8	6.1 J	1.3	3.2
	October 2008	11	2	9.2	1.6	2.1 U
	January 2009	13	2.6	12	2.2	2.1 U
	May 2009	11	2.2	9	1.8	2.2 U
	July 2009	7.3	2.1	6.7	1.9	2.0 U
	October 2009	5.6	1.5	4	1.5	2.0 U
	October 2010	9.1	2.3	8.1	2	2.2 U
	June 2011	12	2.2	10	1.5	2 UL
	January 2013	5.5	1.3	6.5	1.2	NA
	November 2013	4.4	1.1	5.2	1.1	2.0 U
	October 2014	3.2	1.2	0.5 U	0.95	NA
MRMW-12B	October 1999	380	37	72	23 J	NA
	December 2000	220	18	43	15	NA
	June 2001	256	26.8	67.2	19.6	NA
	January 2002	276	32	77	22	NA
	August 2002	240	36	65	23	NA
	January 2003	219	30	72	18	NA
	July 2003	174	25	52	16	NA
	July 2004	96	24	39	12	11
	April 2005	150	54	87	22	25
	October 2006	76	31	47	14	31 J
	April 2007	72	29	56	13	NA
	December 2007	26	6.2	15	4.3	2.1 U
	April 2008	18	8.8	15 J	5.2	9.8
	July 2008	7	2.4	3.4 J	1.3	2.1
	October 2008	9.6	3.2	6.7	1.9	2.1 U
	January 2009	3.4	1.3	3.1	1	2.1 U
	May 2009	21	17	29	6.3	5
	July 2009	19	16	27	5.9	3.5
	October 2009	19	16	30	7.3	8.2
	October 2010	16	9.2	14	3.5	2.2 U
	June 2011	8.6	5.9	11	3	2.1 UL
	January 2013	5.3	5.7	11	2.8	NA
	November 2013	3.4	3.2	6.0	1.4	2.0 U
	October 2014	2.5	3.2	5.2	1.4	NA
MRMW-13B	October 1999	10 U	10 U	10 U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	<0.1 U	<0.1 U	<0.1 U	<0.1 U	NA
	January 2002	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	August 2002	<0.5	<0.5	<0.5	<0.5	NA
	January 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2006	0.5 R	0.5 R	0.5 R	0.5 R	2 R
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	1.1	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	February 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	May 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	July 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2 UL
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-14B	October 1999	10 U	10 U	10 U	10 U	NA
	December 2000	<3 U	<3 U	<3 U	<3 U	NA
	June 2001	<0.1 U	0.4 J	<0.1 U	<0.1 U	NA
	January 2002	<0.3 U	1	0.5 J	<0.3 U	NA
	August 2002	NS	NS	NS	NS	NA
	January 2003	<0.3 U	0.8 J	<0.4 U	<0.3 U	NA
	July 2003	<0.3 U	0.6 J	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.58	0.5 U	0.5 U	1.6 J
	April 2005	0.5 U	0.8	0.3 J	0.15 J	1.9 J
	October 2005	0.5 U	0.62	0.25 J	0.5 U	2
	April 2006	0.5 U	0.67	0.5 U	0.5 U	2 R
	October 2006	0.5 U	0.72	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.82	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.76	0.3 J	0.5 U	2.1 U
	April 2008	0.5 U	0.74	0.24 J	0.5 U	1.6 J
	July 2008	0.5 U	2	0.5 UJ	0.5 U	3.9
	October 2008	0.5 U	2.2	0.88	0.5 U	2.1 U
	January 2009	0.5 U	1.5	0.58	0.5 U	2.1 U
	April 2009	0.5 U	1.3	0.5 U	0.5 U	2.1 U
	July 2009	0.5 U	1.2	0.5 U	0.5 U	2.1 U
	October 2009	0.5 U	1.3	0.5 U	0.5 U	2.5
	October 2010	0.5 U	3.1	2.2	0.5 U	2 U
	April 2011	0.5 U	2.5	1.4	0.5 U	2.2 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2 UL
	January 2013	0.5 U	1.9	1.9	0.5 U	NA
	November 2013	0.5 U	1.9	1.6	0.5 U	2.0 U
	October 2014	0.5 U	1.4	1.4	0.5 U	NA
MRMW-15B	October 1999	380	30	39	4 J	NA
	December 2000	250	37	63	<3 U	NA
	June 2001	377	35.4	63.6	3.8	NA
	January 2002	482	40	73	4	NA
	August 2002	330	31	54	5	NA
	January 2003	380	36	68	3	NA
	July 2003	327	30	38	3	NA
	July 2004	310	37	56	3	9.9
	April 2005	320	36	48	3.6	9.3
	October 2006	180	25	38	3.1	40 R
	April 2007	200	30	60	3.9	NA
	December 2007	170	25	43	3.5	4
	April 2008	110	17	35	2.2	8.2
	July 2008	200	24	81 J	3.1	9.9
	October 2008	210	25	55	2.9	3.5
	February 2009	210	24	54	2.7	4.9
	May 2009	200	25	50	2.7	5.9
	July 2009	130	24	39	3	3.1
	October 2009	86	14	30	1.8	1.7 J
	October 2010	150	21	49	2.1	3.6
	June 2011	130	21	20	2.4	3.1
	January 2013	75	15	33	1.8	NA
	November 2013	57	13	26	1.7	2.8
	October 2014	72	13	36	1.4	NA
MRMW-16	July 2003	168	12	51	4	NA
	July 2004	160	10	60	8.8	8.9
	October 2006	140	25	60	12	40 R
	April 2007	2.9	0.5 U	1.7	0.5 U	NA
	December 2007	140	11	53	8.8	5.1 L
	April 2008	1.1	0.5 U	0.54	0.5 U	2 U
	July 2008	96	9.4	71 J	7.9	12
	October 2008	110	11	54	8.4	4.9
	February 2009	26	2.4	13	1.9	2.0 U
	May 2009	2.3	0.5 U	1.3	0.5 U	2.1 U
	July 2009	1.4	0.5 U	0.5 U	0.5 U	2.1 U
	October 2009	130	13	56	7.4	2.0 U
	October 2010	69	8.3	41	5.9	3.6
	June 2011	1.7	0.5 U	0.94	0.5 U	2.1 UL
	January 2013	5.6	0.5 U	4.1	0.65	NA
	November 2013	35	3.3	21	3.2	2.3
	October 2014	23	3.3	20	0.5 U	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-17-1	July 2003	175	21	63	11	NA
	July 2004	150	16	51	8.7	18
	April 2005	110	10	49	7.8	14
	April 2006	70J	16	30	7.6	8.4
	October 2006	79	16	38	7.9	20 R
	April 2007	80	16	58	8.4	NA
	December 2007	77	12	37	6.4	4.3
	April 2008	74	14	38	7.5	11
	July 2008	64	14	35 J	6.9	7.6
	October 2008	73	15	50	6.7	6.6
	February 2009	62	13	43	7.2	4
	May 2009	63	14	44	7	6
	July 2009	46	13	31	6.4	3.5
	October 2009	34	9.2	24 J	5.4	4.9
	October 2010	48	11	34	5.2	2.5
	June 2011	34	9.9	27	5.1	2.3
	January 2013	25	6.1	22	4.4	NA
	November 2013	22	6.4	21	4.1	2.6
	October 2014	22	7.4	19	3.8	NA
MRMW-17-2	July 2003	160	22	60	10	NA
	July 2004	130	18	49	10	15
	April 2005	130	13	53	6.8	15
	April 2006	100	15	50	4.5 J	11
	October 2006	73	18	37	5.8	20 R
	April 2007	79	16	50	5.4	NA
	December 2007	49	15	26	5.3	4.8
	April 2008	73	16	36 J	5.5	14
	July 2008	54	15	32 J	4.8	9.6
	October 2008	64	17	47	5.4	8.7
	February 2009	60	17	45	5.3	5.6
	May 2009	51	17	35	5.5	8.7
	July 2009	48	16	33	5.7	4.2
	October 2009	36	12	26 J	4.1	6.8
	October 2010	39	12	32	4.2	3.3
	June 2011	33	12	30	4	2.6
	January 2013	24	9.5	25	3.7	NA
	November 2013	24	10	27	3.7	3.5
	October 2014	16	9.7	19	2.8	NA
MRMW-17-3	July 2003	96	24	38	5	NA
	July 2004	120	21	41	1.6	14
	April 2005	110	13	46	1.4	15
	April 2006	63	16	36	0.6	10
	October 2006	65	19	35	0.74	20 R
	April 2007	73	17	49	0.6	NA
	December 2007	56	16	30	0.55	4.7
	April 2008	71	18 J	36 J	0.6	13
	July 2008	51	16	28 J	0.29 J	7.8 J
	October 2008	59	19	47	0.5 U	7.8
	February 2009	56	18	43	0.86	5.9
	May 2009	50	19	36	0.5 U	6.9
	July 2009	41	17	32	0.78	3.7
	October 2009	36	12	31 J	0.35 J	5.7
	October 2010	37	13	32	0.5 U	3.2
	June 2011	30	10	35	0.5 U	2.2 U
	January 2013	28	13	30	0.5 U	NA
	November 2013	24	13	29	0.5 U	3.8
	October 2014	17	12	22	0.5 U	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-18-1	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.34 J	0.5 U	0.5 U	1.7 J
	October 2004	0.5 U	0.43 J	0.23 J	0.5 U	2 U
	April 2005	0.5 U	0.71	0.24 J	0.5 U	0.78 J
	October 2005	0.5 U	0.49 J	0.17 J	0.5 U	1 J
	April 2006	0.5 U	0.32 J	0.5 U	0.5 U	2 R
	October 2006	0.5 U	0.3 J	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.32 J	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.38 J	0.5 U	0.5 U	0.73 J
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	February 2009	0.5 U	0.73	0.5 U	0.5 U	2.1 U
	May 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.3 U
	July 2009	0.5 U	0.5 U	1.0 U	0.5 U	2.0 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.61	0.5 U	0.5 U	NA
MRMW-18-2	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.17 J	0.5 U	0.5 U	1.7 J
	October 2004	0.5 U	0.23 J	0.5 U	0.5 U	2 U
	April 2005	0.5 J	0.22 J	0.5 U	0.5 J	0.77 J
	October 2005	0.5 U	0.26 J	0.5 U	0.5 U	0.52 J
	April 2006	0.5 U	0.19 J	0.5 U	0.5 U	2 R
	October 2006	0.5 U	0.19 J	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	February 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	May 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	July 2009	0.5 U	0.5 U	1.0 U	0.5 U	2.1 U
	October 2009	0.5 U	0.5U	0.5 U	0.5 U	2.0 U
	October 2010	0.5 U	0.5U	0.5 U	0.5 U	2.1 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.78	0.5 U	0.5 U	NA
MRMW-18-3	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.24 J	0.5 U	0.5 U	2 U
	October 2004	0.5 U	0.4 J	0.17 J	0.5 U	2 U
	April 2005	0.5 U	0.55	0.19 J	0.5 U	0.73 J
	October 2005	0.5 U	0.49 J	0.15 J	0.5 U	0.57 J
	April 2006	0.5 U	0.27 J	0.5 U	0.5 U	2 R
	October 2006	0.5 U	0.39 J	0.5 U	0.5 U	2 U
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.3 J	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	0.98 J
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	February 2009	0.5 U	0.52	0.5 U	0.5 U	2.1 U
	May 2009	0.5 U	0.5	0.5 U	0.5 U	2.0 U
	July 2009	0.5 U	0.5 U	1.0 U	0.5 U	2.1 U
	October 2009	0.5 U	0.5 U	0.5 U	0.5 U	5.1
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-19-1	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	1.4 J
	October 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	0.87 J
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	1.9 J
	July 2008	0.5 U	0.44 J	0.5 U	0.5 U	1.9 U
	October 2008	0.5 U	0.5 U	0.53	0.5 U	2.1 U
	February 2009	0.5 U	0.66	0.56	0.5 U	2.1 U
	April 2009	0.5 U	1	0.75	0.5 U	2.0 U
	October 2009	0.5 U	0.98	0.5 U	0.5 U	3.3
	January 2010	0.5 U	1.3	0.98	0.5 U	2.2 U
	July 2010	0.5 U	1.3	0.85	0.5 U	2.3 U
	October 2010	0.5 U	1.2	0.94	0.5 U	2.1 U
	January 2011	0.5 U	1.6	1.4	0.5 U	2.1 U
	April 2011	0.5 U	1.2	0.9	0.5 U	2.1 U
	June 2011	0.5 U	1.1	0.9	0.5 U	2.1 U
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.56	0.52	0.5 U	2.0 U
	October 2014	0.5 U	0.57	0.58	0.5 U	NA
MRMW-19-2	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.57	0.5 U	0.5 U	1.5 J
	July 2008	0.5 U	0.82	0.5 U	0.5 U	2 U
	October 2008	0.5 U	1.1	0.9	0.5 U	2.1 U
	February 2009	0.5 U	1.5	1.2	0.5 U	2.1 U
	April 2009	0.5 U	1.6	1.1	0.5 U	NA
	October 2009	0.5 U	1.1	0.5 U	0.5 U	2.6
	January 2010	0.5 U	1.4	1.1	0.5 U	2.2 U
	July 2010	0.5 U	1.3	0.82	0.5 U	2.4 U
	October 2010	0.5 U	1.3	0.99	0.5 U	2.1 U
	January 2011	0.5 U	1.7	1.5	0.5 U	2.1 U
	April 2011	0.5 U	1.6	1.1	0.5 U	2.1 U
	June 2011	0.5 U	1.7	1.2	0.5 U	2 U
	January 2013	0.5 U	1	1	0.5 U	NA
	November 2013	0.5 U	1.5	1.2	0.5 U	2.0 U
	October 2014	0.5 U	1.4	1.1	0.5 U	NA
MRMW-19-3	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.41 U	0.5 U	0.5 U	1.6 J
	July 2008	0.5 U	0.63	0.5 U	0.5 U	2 U
	October 2008	0.5 U	0.91	0.57	0.5 U	2.1 U
	February 2009	0.5 U	1.3	1	0.5 U	2.1 U
	April 2009	0.5 U	1.5	1.2	0.5 U	2.0 U
	October 2009	0.5 U	0.91	0.5 U	0.5 U	2.1
	January 2010	0.5 U	1.4	1.1	0.5 U	2.3 U
	July 2010	0.5 U	1.3	0.94	0.5 U	2.2 U
	October 2010	0.5 U	1.2	0.93	0.5 U	2.1 U
	January 2011	0.5 U	1.6	1.3	0.5 U	2.1 U
	April 2011	0.5 U	1.6	1.2	0.5 U	2 U
	June 2011	0.5 U	1.6	1.2	0.5 U	2.1 U
	January 2013	0.5 U	0.96	0.94	0.5 U	NA
	November 2013	0.5 U	1.4	1.1	0.5 U	2.0 U
	October 2014	0.5 U	1.5	1.1	0.5 U	NA

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MRMW-20-1	July 2003	0.3 J	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	April 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA
MRMW-20-2	July 2003	0.3 J	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2.8
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA
MRMW-20-3	July 2003	<0.3 U	<0.4 U	<0.4 U	<0.3 U	NA
	July 2004	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2005	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2006	0.5 U	0.5 U	0.5 U	0.5 U	20 R
	April 2007	0.5 U	0.5 U	0.5 U	0.5 U	NA
	December 2007	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	April 2008	0.5 U	0.5 U	0.5 U	0.5 U	2 U
	October 2008	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	April 2009	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	October 2010	0.5 U	0.5 U	0.5 U	0.5 U	2.1 U
	June 2011	0.5 U	0.5 U	0.5 U	0.5 U	2.2 U
	January 2013	0.5 U	0.5 U	0.5 U	0.5 U	NA
	November 2013	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U
	October 2014	0.5 U	0.5 U	0.5 U	0.5 U	NA
MW-21-1	October 2008	9.3	0.9	5.4	2.4	2.1 U
	February 2009	9	1.7	6.3	2.3	2.2 U
	May 2009	9.4	1.6	6.8	2.6	2.0 U
	July 2009	6.8	2.1	7	2.2	2.0 U
	October 2009	7.4	4.3	9.2	2.8	2.0 U
	January 2010	7.3	2.2	7.6	3.3	2.3 U
	July 2010	8.4	2.6	8.2	3.8	2.0 U
	October 2010	10	1.5	7.5	3.5	2.1 U L
	June 2011	4.2	0.57	3.7	1.8	2 U
	November 2013	7.2	0.69	4.3	2.1	2.0 U
	October 2014	7.3	0.98	4.7 J	2.2	NA
MW-21-2	October 2008	8.6	1.1	5.6	2.2	2.1 U
	February 2009	11	2.6	8.3	2.8	2.1 U
	May 2009	10	2.4	7.8	2.9	2.2 U
	July 2009	9.4	4.4	11	3	2.0 U
	October 2009	7.8	4.8	9.7	2.8	2.0 U
	January 2010	7.3	3	9	3.2	2.1 U
	July 2010	7.5	3	7.9	3.3	2.1 U
	October 2010	10	2.5	8.8	3.7	2 U
	June 2011	3.1	0.54	3.5	1.4	2.2
	January 2013	3	0.5 U	2	1.2	NA
	November 2013	3.6	0.50	2.5	1.3	2.0 U
	October 2014	4.2	1	3 J	1.5	NA
MW-21-3	October 2008	7.4	1.5	5.4	1.6	2.1 U
	February 2009	8.1	2.9	7.3	2	2.2 U
	May 2009	11	7.4	14	2.9	3.1
	July 2009	11	5.6	6.3	3.3	2.0 U
	October 2009	8.8	7.3	14	3.3	2.0 U
	January 2010	8.7	9.2	17	4.5	4.2
	July 2010	7.1	5.3	11	3	2.3 U
	October 2010	12	8.9	15	3.6	2.4
	June 2011	4.3	2.2	5.3	1.7	2.2 U

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Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
MW-21-4	October 2008	11	1.3	6.2	2.5	2.2 U
	February 2009	9	1.7	7.1	2.3	2.2 U
	May 2009	11	5.6	14	3.3	2.2 U
	July 2009	11	6.1	15	3.7	2.0 U
	October 2009	9.1	11	16	5.6	2.0 U
	January 2010	8.7	9.5	18	4.7	4.1
	July 2010	8.3	3.1	9.3	3.2	2.2 U
	October 2010	5.3	1	4.3	1.9	2 U
	June 2011	3.4	0.79	4	1.5	2.1 U
	January 2013	3.3	0.63	2.4	1.1	NA
	November 2013	4.7	0.58	3.0	1.2	2.0 U
	October 2014	3.5	0.63	2.5	1	NA
MW-21-5	October 2008	12	2.8	9.4	4.3	2.1 U
	February 2009	8.4	2.1	7.2	3.2	3.4
	May 2009	11	5.9	13	4.1	2.5
	July 2009	10	6	14	4.2	2.0 U
	October 2009	8.5	10	17	5	2.0 U
	January 2010	8.4	10	18	4.9	4.3
	July 2010	7.8	4	9.9	3.9	2.1 U
	October 2010	6.2	2	6.4	2.9	2.1 U
	June 2011	4	1.1	4.4	1.6	2.2 U
	January 2013	3.3	0.5 U	2.3	1.2	NA
	November 2013	4.6	0.55	2.9	1.2	2.0 U
	October 2014	3.4	0.59	2.4	1.1	NA
MW-21-6	October 2008	2.5	23	24	3.3	9.1
	February 2009	3.1	15	18	2.9	2.1 U
	May 2009	4	16	20	2.9	5.2
	July 2009	3.5	15	19	2.9	3.3
	October 2009	5.4	13	16	3.8	2.0 U
	Janaury 2010	2.8	17	21	3.7	6
	July 2010	1.4	18	21	2.8	3.7
	October 2010	3.1	11	15	2.6	2.7
	June 2011	2	8.5	11	2	2.1 U
	January 2013	3.4	0.85	2.8	1.2	NA
	November 2013	4.3	0.62	2.9	1.2	2.0 U
	October 2014	2.7	1.1	2.5	0.97	NA
ERT-1	October 1999*	1,400	94	170	100	NA
	December 1999	1,200	36 J	130	53	NA
	December 2000	390	29 J	87 J	34 J	NA
	June 2001	416	18.8	75.0	24.0	NA
	January 2002	488	25	69.0	24.0	NA
	August 2002	940	65	140.0	33.0	NA
	January 2003	506	22	78	24	NA
	July 2003	322	18	72	21	NA
	July 2004	240	17	59	17	NA
	March 2005	410	27	90	27	20
	November 2005	300	15	60	16	18
	May 2006	360	17	73	18	NA
	October 2006	170	17	36	13	8.6
	April 2007	240	53	44	2	NA
	December 2007	330	49	32	2.1	2.1 U
	April 2008	120	10	37 J	10	7.8
	July 2008	58	11	24 J	6.4	4.6
	October 2008	110	14	39	11	5
	January 2009	460	37	84	25	5.1
	May 2009	140	14	39	11	4.8
	July 2009	260	12	80	10	2.5
	October 2009	160	12	23	10	2 U
	October 2010	48	11	22	5.7	2.5 U
	June 2011	120	14	37	11	2 UL
	January 2013	65	10	30	8.3	NA
	November 2013	310	32	82	15	2.0 U
	October 2014	18	7.1	11	2.3	NA

Mohonk Road Industrial Plant Superfund Site
Historical Summary of Groundwater Analytical Results
Monitoring Well Sampling Events

Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane
ERT-2	October 1999	420	15	5 J	12	NA
	December 2000	220	12	21	7	NA
	June 2001	142	5.5	20.3	8.0	NA
	January 2002	358	20	38	16.0	NA
	August 2002	290	16	36	14.0	NA
	January 2003	202	10	34	13	NA
	July 2003	112	8	28	9	NA
	July 2004	41	6.2	14	4.7	4.1
	April 2005	180	21	25	2.8	4.8
	October 2005	150	12	12	8.4	21
	April 2006	28	2.3	8	2.5	2 R
	October 2006	7.5	0.48 J	1.7	1.4	2.1
	April 2007	62	3.2	14	3	NA
	December 2007	25	2.4	5	1.9	2.2 U
	April 2008	60	4.2	14	3.3	2 U
	October 2008	65	21	49	11	4.9
	May 2009	39	4.8	12	2.7	2.4
	October 2009	75	10	6.6	3.6	3.7
	October 2010	29	5.8	11	3	2.2 U
	June 2011	43	15	36	8.1	2.3
	January 2013	32	12	27	6.4	NA
	November 2013	22	9.2	16	3.7	2.2
	October 2014	21	7.3	15	5	NA
ERT-3	October 1999	130	2J	11	52	NA
	December 2000	600	20	99 J	85	NA
	June 2001	328	9.0	47.6	70.4	NA
	January 2002	279	8.0	40	75	NA
	August 2002	250	9.4	42	73	NA
	January 2003	320	8	44	86	NA
	July 2003	389	11	60	79	NA
	July 2004	200	9.9	23	56	83
	April 2005	250	16	34	75	66
	April 2006	170	9.7	23	35	30
	October 2006	110	9.5	18	30	65 J
	April 2007	140	10	24	28	NA
	December 2007	210	18	32	39	7.6
	April 2008	250	13	37	40	31
	July 2008	210	14	26 J	29	32
	October 2008	190	18	31	48	23
	May 2009	190	16	26	37	35
	October 2009	73	6.3	6.3	20	13
	October 2010	100	16	23	20	8.1
	June 2011	91	16	29	21	4.9 L
	January 2013	87	15	22	34	NA
	November 2013	99	12	18	50	10
	October 2014	170	14	37	38	NA
ERT-4	October 1999	6,400 J	160	490 J	460 J	NA
	December 2000	3,600	190 J	220	390 J	NA
	June 2001	13,800	196	920	800	NA
	January 2002	16,900	134	1,090	908	NA
	August 2002	16,000	190	1,200	640	NA
	January 2003	7,080	107	539	369	NA
	July 2003	5,080	68	402	248	NA
	July 2004	9,000	130	600	440	6.8
	April 2005	6,500	150	510	320	24
	April 2006	4,700	160 J	350	170	12
	October 2006	3,500	120	270	210	1,000 R
	April 2007	28	1.6	4	9.2	NA
	December 2007	8,400	110 J	850	300	4.7
	April 2008	3,000	85 J	250	96 J	9.3
	July 2008	880	27	61	59	8.8
	February 2009	2,000	51	160	99	6.2
	May 2009	2,300	60	400	220	5.6
	July 2009	1,000	24	130	71	2.1 U
	October 2009	410	15	92	28	7.5
	October 2010	3,500	94	290	170	4.8
	June 2011	2,200	54	180	120	2.9
	January 2013	840	18	68	78	NA
	November 2013	4,700	80	310	260	4.7
	October 2014	840	13	62	41	NA

Mohonk Road Industrial Plant Superfund Site
Historical Summary of Groundwater Analytical Results
Monitoring Well Sampling Events

Monitoring Well ID	Sample Date	1,1,1-TCA	1,1-DCA	1,1-DCE	TCE	1,4-Dioxane

NOTES:

This table provides a summary of historical groundwater monitoring well sampling results for the MRIP Site, for only the four primary chlorinated VOC contaminants of concern, as follows:

1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,1,1-TCA = 1,1,1-Trichloroethane
TCE = Trichloroethene

Other various VOCs were detected during the sampling rounds at varying locations and concentrations. A complete summary of analytical results for this sampling event is included elsewhere.

All data expressed in concentrations of micrograms per liter (ug/L) or parts per billion (ppb)

U = Non-detect compound
J = Estimated value
NA = Not Analyzed
R - Presence or absence of analyte cannot be determined. Data is rejected/unusable
L - The actual value is expected to be greater than the reported value

*The analytical results from the samples collected in October 1999 are considered questionable due to soil and sediment loading in the well.

August 2002 samples collected by USEPA and analyzed at two laboratories.

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	ERT-1 10/18/2006 NORM	ERT-1 4/5/2007 NORM	ERT-1 11/30/2007 NORM	ERT-1 4/23/2008 NORM	ERT-1 7/24/2008 NORM	ERT-1 10/28/2008 NORM	ERT-1 1/28/2009 NORM	ERT-1 5/4/2009 NORM	ERT-1 7/13/2009 NORM	ERT-1 10/14/2009 NORM	ERT-1 10/22/2010 NORM	ERT-1 3/16/2011 NORM	ERT-1 6/8/2011 NORM	ERT-1 1/14/2013 NORM	ERT-1 11/7/2013 NORM	ERT-1 10/10/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	**170 J**	**240**	**330**	**120**	**58**	**110**	**460**	**140**	**260 J**	**160**	**48**	**410**	**120**	**65**	**310**	**18**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.24 J**	**0.27 J**	2.5 U	0.5 U	**0.55 U**	0.5 U	0.5 U	0.5 U	0.5 U	**0.77 U**	0.5 U	0.5 U	0.5 U	0.5 U
1,1-dichloroethane	ug/L	**17**	**53**	**49**	**10**	**10**	**14**	**37**	**14**	**12**	**12**	**11**	**36**	**14**	**10**	**32**	**7.1**
1,1-dichloroethene	ug/L	**36 J**	**44**	**32**	**37 J**	**24 J**	**39**	**84**	**39**	**80 J**	**23**	**22**	**72**	**37**	**30**	**82**	**11**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7 U**	0.5 U	0.5 U	0.5 U	0.5 U
1,2-dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**8.6**	NR	**2.1 U**	**7.8**	**4.6**	**5**	**5.1**	**4.8**	**2.5**	2 U	2.5 U	2 U	2 U L	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.63 U**	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2 U**	0.5 U	0.5 U	**0.16 J**	0.5 U	**1.1 U**	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.51 U**	0.5 U	0.5 U	0.5 U	0.5 U	**0.68 U**	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**2**	**2.2 J**	**0.3 J**	**2.5 U**	0.5 U	**0.64 U**	0.5 U	0.5 U	**0.56 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.61**	**0.23 J**
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	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 U	1 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	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 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
trichloroethene	ug/L	**13**	**2**	**2.1**	**10**	**6.4**	**11**	**25**	**11**	**10**	**10**	**5.7**	**28**	**11**	**8**	**15**	**2.3**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.53**	0.5 U	0.5 U		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 U	0.5 U	0.5 U
Gases																	
ethane	ug/L	12 U			U		1 U	2 U	12 U	2 U	12 U		2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U		1 U	2 U	17 U	2 U	17 U		2 U	2 U	2 U	2 U	
methane	ug/L	10 U			**0.305 J**		2 U	2 U	10 U	2 U	10 U		2 U	2 U	2 U	2 U	
Metals																	
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U		0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**105**	**89**		**95**	**90**	**89**	**94**	**97**	**97**	**110**		**88**	**90**	**90**	**94**	
iron	mg/L	0.083 U	0.050 U		0.050 U	0.050 U	0.050 U	50 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.16**	
manganese	mg/L	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	5.0 U	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**11.9**	**7.9**		**10.0**	**9.9**	**11**	**10**	**13**	**12**	**12**		**12**	**11**	**11**	**10**	
Wet Chemistry																	
chloride	mg/L	**30.9**	**14**		**1.9**	**20**	**3.7**		**17**	**30**	**21**		**33**	**25**	**26**	**18**	
nitrate as N	mg/L	**2.02**	**0.77**		**0.62**	**0.59**	**0.59**	**0.71**	**0.65**	**0.52**	**0.5**		**0.43**	**0.61**	**0.63**	**0.59**	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U		0.05 U	0.05 U	0.025 U	0.05 U	
sulfate as SO4	mg/L	**82.6**															
sulfur dioxide	ug/L																
carbon dioxide	mg/L	**237**															
alkalinity carbonate	mg/L		1 U		**240**	**220**	**230**	**250**	**230**	**250**	**290**		**230**	**220**	**240**	1 U	
total alkalinity	mg/L	**237**	**240**		**240**	**220**	**230**	**250**	**230**	**250**	**290**		**230**	**220**	**240**	**260**	
total organic carbon	mg/L	**1**	1 U		1 U	1 U	**1**	1.0 U	1 U		1 U		1 U	**1.1**	**1.1**	1 U	
sulfide	mg/L	0.2 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																	
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear		Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**623**	**676**	**693**	**358**	**458**	**611**	**441**	**467**	**247**	**493**		**443**	**444**	**468**	**357**	**531**
dissolved oxygen	mg/L	**30.6**	**2.6**	**2.32**	**2.89**	**4.57**	**2.82**	**4.88**	**4.01**	**4.72**	**7.92**		**2.44**	**5.38**	**3.7**	**5.89**	**7.62**
ferrous iron	mg/L	**0.03**	**0.09**	NA	**0.09**	0	0	0	0	0	**0.08**		0	0	**0.43**	**0.12**	**0.06**
flow rate	mL/min	**4800**	**110**	**1350**	**2400**	**350**	NA	NA	NA	NA	NA		NA	NA	NA	**150**	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	**3.0**	NA
odor	Olfactory	None	None	None	None	None	None	None	None	None	None		None	None	None	None	None
ORP	MeV	**170**	**131.7**	**176.2**	**145.5**	**187.4**	**130.1**	**110.4**	**-9.0**	**95.9**	**98.2**		**212.8**	**228.2**	**88.4**	**259.8**	**164.7**
pH	pH unit	**7.52**	**6.65**	**6.73**	**6.38**	**6.53**	**6.71**	**6.96**	**6.26**	**6.12**	**6.77**		**6.74**	**4.85**	**6.75**	**6.91**	**7.22**
temperature	degrees C	**12.88**	**18.08**	**11.90**	**11.26**	**15.29**	**13.19**	**11.13**	**11.17**	**11.7**	**12.02**		**12.01**	**12.15**	**12.42**	**13.00**	**14.66**
turbidity	NTU	**37.0**	**0.0**	**0.0**	**1.0**	**6.1**	**0.25**	**6**	**3.9**	**17**	**4.18**		**3.8**	**10.7**	**5.44**	**1.97**	**21.5**
water level	feet	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA

Highlighted values exceed cleanup standards for contaminants of concern (5 ug/l for primary COCs, 50 ug/l for 1,4-dioxane)

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	ERT-2 4/14/2006 NORM	ERT-2 10/24/2006 NORM	ERT-2 4/17/2007 NORM	ERT-2 12/5/2007 NORM	ERT-2 4/16/2008 NORM	ERT-2 10/23/2008 NORM	ERT-2 5/6/2009 NORM	ERT-2 10/9/2009 NORM	ERT-2 10/18/2010 NORM	ERT-2 6/7/2011 NORM	ERT-2 1/17/2013 NORM	ERT-2 10/31/2013 NORM	ERT-2 10/13/2014 NORM
Volatile Organics														
1,1,1-trichloroethane	ug/L	**28 J**	**7.5**	**62**	**25**	**60**	**65**	**39**	**75**	**29**	**43**	**32**	**22**	**21**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**2.3**	**0.48 J**	**3.2**	**2.4**	**4.2**	**21**	**4.8**	**10**	**5.8**	**15**	**12**	**9.2**	**7.3**
1,1-dichloroethene	ug/L	**8**	**1.7**	**14**	**5**	**14 J**	**49**	**12**	**6.6**	**11**	**36**	**27**	**16**	**15 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 U	**2.1**	NR	2.2 U	0.5 U	**4.9**	**2.4**	**3.7**	2.2 U	**2.3**	NA	**2.2**	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	0.5 U	5 U	5 U	**1.9**	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	0.5 U	5 U	5 U	**1.4**	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**9.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	**0.36**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-dichloroethene	ug/L	0.5 U	**0.6**	0.5 U	**0.51**	0.5 U	0.5 U	0.5 U	**1.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.4 U**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	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 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	**2.5**	**1.4**	**3**	**1.9**	**3.3**	**11**	**2.7**	**3.6**	**3**	**8.1**	**6.4**	**3.7**	**5**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 U
Gases														
ethane	ug/L	12 U	12 U			U	1 U	12 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	1 U	17 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	10 U	10 U			**0.472**	2 U	10 U	10 U	2 U	2 U	2 U	2 U	
Metals														
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**103 J**	**118**	**120**		**160**	**71**	**140**	**120**	**110**	**82**	**83**	**85**	
iron	mg/L	**0.392**	**0.235**	**0.15**		**0.26**	**0.12**	**0.43**	**0.53**	**1.1**	**0.092**	**0.61**	**0.23**	
manganese	mg/L	**0.006**	0.005 U	0.005 U		0.0053	0.005 U	0.005U	**0.0061**	0.005U	0.005U	0.0072	0.005 U	
sodium	mg/L	**13.7**	**16.9**	**14**		**14**	**6.2**	**13**	**14**	**10**	**7.8**	**8.0**	**9.3**	
Wet Chemistry														
chloride	mg/L	**38.6**	**24.1**	**11**		**1 U**	**1.9**	**15**	**4.6**	**9.7**	**13**	**15**	**25**	
nitrate as N	mg/L	**0.44 J**	**5.7**	**3.8**		**2.2**	**0.44**	**0.96**	**0.78**	**0.63**	**0.51**	**0.47**	**0.37**	
nitrite as N	mg/L	0.08 U J	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.05 U	
sulfate as SO4	mg/L	**45.3**	**193**											
sulfur dioxide	ug/L													
carbon dioxide	mg/L	**228**	**187**											
alkalinity carbonate	mg/L			1 U		**190**	**200**	**220**	**280**	**240**	**200**	**230**	1 U	
total alkalinity	mg/L	**231**	**194**	**200**		**190**	**200**	**220**	**280**	**240**	**200**	**230**	**240**	
total organic carbon	mg/L	**0.9**	**1.3**	1 U		1 U	**1**	1 U	1 U	1 U	**1.1**	**1 U**	1 U	
sulfide	mg/L	**0.48**	**0.64**	0.01 U		0.01 U	**0.015**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters														
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**483**	**619**	**650**	**822**	**617**	**493**	**634**	**548**	**599**	**429**	**396**	**539**	**662**
dissolved oxygen	mg/L	**3.98**	**3.13**	**1.58**	**2.38**	**2.65**	**2.06**	**3.2**	**6.32**	**3.15**	**2.94**	**3.64**	**1.98**	**2.00**
ferrous iron	mg/L	**0.12**	**0.06**	**0.19**	NA	**0.01**	**0.17**	**0.18**	**0.13**	**0.03**	**0.02**	**0.2**	**0.0**	**0.14**
flow rate	mL/min	**100**	**100**	**110**	**110**	**100**	**1500**	**300**	**300**	**100**	**250**	**100**	**100**	**100**
gallons purged	gal	**0.87**	**1.25**	**3.5**	**3.25**	5	**28**	**9.75**	**<4.25**	**2.25**	**3.25**	**1.25**	**1.75**	**2.25**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**201.2**	**34.6**	**88.4**	**157.4**	**50.3**	**96**	**-14.7**	**82**	**242.2**	**177.1**	**54.1**	**30.5**	**109.6**
pH	pH unit	**6.66**	**7.43**	**6.54**	**6.87**	**6.74**	**6.77**	**6.44**	**6.83**	**6.70**	**5.74**	**7.01**	**5.92**	**7.12**
temperature	degrees C	**11.97**	**11.24**	**9.39**	**10.93**	**17.62**	**11.93**	**11.52**	**12.25**	**12.92**	**14.71**	**8.47**	**12.24**	**11.81**
turbidity	NTU	**5.3**	**4.1**	**2.9**	**1.9**	**80**	**1.3**	**7.2**	**2.81**	**12.0**	**15.7**	**4.1**	**3.78**	**4.34**
water level	feet	**47.23**	**38.24**	**41.15**	**72.21**	**24.04**	**91.23**	**63.91**	**31**	**123.19**	**95.81**	**94.58**	**96.56**	**94.37**

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	ERT-3 4/14/2006 NORM	ERT-3 10/26/2006 NORM	ERT-3 4/19/2007 NORM	ERT-3 12/19/2007 NORM	ERT-3 4/16/2008 NORM	ERT-3 7/31/2008 NORM	ERT-3 10/21/2008 NORM	ERT-3 5/11/2009 NORM	ERT-3 10/12/2009 NORM	ERT-3 10/18/2010 NORM	ERT-3 6/9/2011 NORM	ERT-3 1/17/2013 NORM	ERT-3 10/31/2013 NORM	ERT-3 10/13/2014 NORM
Volatile Organics															
1,1,1-trichloroethane	ug/L	**170 J**	**110 J**	**140**	**210**	**250**	**210**	**190**	**190**	**73**	**100**	**91**	**87**	**99**	**170**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.26 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.24 J**
1,1-dichloroethane	ug/L	**9.7**	**9.5**	**10**	**18**	**13**	**14**	**18**	**16**	**6.3**	**16**	**16**	**15**	**12**	**14**
1,1-dichloroethene	ug/L	**23 J**	**18**	**24**	**32**	**37**	**26 J**	**31**	**26**	**6.3**	**23**	**29**	**22**	**18**	**37**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.24 J**	0.5 U	0.5 U	0.5 U	**0.36 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.26 J**
1,2-dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**49 J**	**65 J**	NR	**7.6**	**31**	**32**	**23**	**35**	**13**	**8.1**	**4.9 L**	NA	**10**	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.24 J**	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.64**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.77**	0.5 U	0.65	0.5 U	0.5 U
chloroform	ug/L	0.5 U	**0.16 J**	0.5 U	0.5 U	**0.28 J**	**0.25 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**2.2 J**	**1.7 J**	**1.7**	**1.9 J**	**2.1 J**	**1.6 J**	**2.6**	**2.8**	0.5 U	**2.1**	**1.6**	**2.5**	**2.9**	**2.5 J**
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.17 J**	**0.26 J**	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.55**
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.12 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U
trichloroethene	ug/L	**35**	**30**	**28**	**39**	**40**	**29**	**48**	**37**	**20**	**20**	**21**	**34**	**50**	**38**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U
Gases															
ethane	ug/L	12 U	12 U			U	U	U	12 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	U	1 U	17 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**50.4**	10 U			**0.664**	**0.808**	2 U	10 U	10 U	2 U	2 U	8.15	2 U	
Metals															
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**115 J**	**109**	**110**		**130**	**120**	**99**	**110**	**110**	**110**	**110**	**110**	**110**	
iron	mg/L	**0.227**	**0.099**	**0.091**		**0.098**	**0.13**	**0.18**	**0.08**	**0.098**	**0.110**	**0.110**	**0.23**	**0.23**	
manganese	mg/L	**0.023**	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.004	0.005 U	
sodium	mg/L	**13.6**	**14.3**	**15**		**13**	**12**	**12**	**14**	**14**	**12**	**12**	**13**	**13**	
Wet Chemistry															
chloride	mg/L	**25.7**	**26.2**	**19**		**1.4**	**3.8**	**1 U**	**12**	**2 U**	**17**	**12**	**14**	**16**	
nitrate as N	mg/L	0.27 U J	**1.5**	**1.5**		**0.8**	**0.72**	**0.57**	**0.57**	**0.63**	**0.32**	**0.38**	**0.29**	**0.43**	
nitrite as N	mg/L	0.08 U J	0.08 U	0.05 U		0.05 U	0.05 U	**0.05 U**	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.05 U	
sulfate as SO4	mg/L	**41.1**	**76.9**												
sulfur dioxide	ug/L														
carbon dioxide	mg/L	**262**	**268**												
alkalinity carbonate	mg/L			1 U		**200**	**260**	**270**	**320**	**300**	**280**	**250**	**290**	1 U	
total alkalinity	mg/L	**277**	**276**	**260**		**200**	**260**	**270**	**320**	**300**	**280**	**250**	**290**	**290**	
total organic carbon	mg/L	**1.2**	**1.2**	1 U		1 U	**1.6**	**1.1**	**1.2**	1 U	1 U	**1.2**	**1.2**	1 U	
sulfide	mg/L	**0.64**	0.2 U	0.01 U		0.01 U	0.01 U	0.01U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters															
color	Visual	Clear	Clear	Clear		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**515**	**574**	**626**		**578**	**575**	**682**	**569**	**541**	**621**	**582**	**539**	**647**	**776**
dissolved oxygen	mg/L	**1.86**	**4.16**	**2.13**		**3.82**	**2.98**	**3.82**	**3.82**	**11.87**	**1.09**	**1.38**	**2.16**	**2.19**	**3.36**
ferrous iron	mg/L	**0.11**	**0.01**	**0.23**		0.04	0.04	**0.15**	**0.11**	**0.03**	**0.28**	0	**0.07**	**0.11**	**0.08**
flow rate	mL/min	**100**	**100**	**100**		**100**	**150**	**100**	**100**	**250**	**100**	**250**	**100**	**100**	**100**
gallons purged	gal	**1.32**	**1**	**5.5**		**4**	**5.1**	**7.9**	**2.25**	**3.75**	**2.75**	**3**	**>1.25**	**2.25**	**1.5**
odor	Olfactory	None	None	None		None	None	None	None	None	None	None	None	None	None
ORP	MeV	**199.3**	**165.8**	**53.2**		**87.6**	**61.8**	**71.4**	**-27.7**	**66.5**	**156.1**	**133.6**	**127.7**	**29.9**	**134.1**
pH	pH unit	**6.73**	**7.40**	**6.70**		**6.84**	**6.84**	**7.18**	**6.55**	**6.77**	**6.77**	**5.8**	**6.97**	**5.66**	**7.31**
temperature	degrees C	**11.90**	**11.48**	**10.68**		**12.93**	**17.83**	**12.65**	**13.86**	**12.68**	**13.52**	**14.29**	**10.29**	**12.32**	**12.77**
turbidity	NTU	**3.5**	**7.1**	**1.5**		**2.7**	**3.4**	**2.7**	**4.7**	**1.71**	**4.4**	**5**	**7.13**	**5.18**	**4.28**
water level	feet	**53.16**	**41.49**	**42.45**		**98.7**	**77.83**	**109.28**	**79.77**	**37.43**	**134.61**	**101.21**	**100.9**	**102.45**	**100.30**

Highlighted values exceed cleanup standards for cc

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	ERT-4 4/17/2006 NORM	ERT-4 10/26/2006 NORM	ERT-4 4/16/2007 NORM	ERT-4 12/18/2007 NORM	ERT-4 4/17/2008 NORM	ERT-4 7/23/2008 NORM	ERT-4 2/3/2009 NORM	ERT-4 5/13/2009 NORM	ERT-4 7/20/2009 NORM	ERT-4 10/21/2009 NORM	ERT-4 10/21/2010 NORM	ERT-4 6/16/2011 NORM	ERT-4 1/25/2013 NORM	ERT-4 11/13/2013 NORM	ERT-4 10/16/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	**4700 J**	**3500 J**	**28**	**8400**	**3000**	**880**	**2000**	**2300**	**1000**	**410**	**3500**	**2200**	**840**	**4700**	**840**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
1,1,2-trichloro-1,2,2-trifluoro	ug/L	0.5 U	25 U	0.5 U	**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	0.5 U	0.5 U	2 U
1,1,2-trichloroethane	ug/L	**8**	25 U	0.5 U	**6.6**	**2.9 U**	**3.9 J**	**4.4**	**3.7**	**1.4**	**4.8**	**5**	**4.6**	**1.2**	**7.4**	**1.3 J**
1,1-dichloroethane	ug/L	**160 J**	**120**	**1.6**	**110 J**	**85 J**	**27**	**51**	**60**	**24**	**15**	**94**	**54**	**18**	**80**	**13**
1,1-dichloroethene	ug/L	**350 J**	**270**	**3.7**	**850**	**250**	**61**	**160**	**400**	**130**	**92 J**	**290**	**180**	**68**	**310**	**62 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U J	0.5 U	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 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
1,2-dibromoethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
1,2-dichlorobenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
1,2-dichloroethane	ug/L	**6.9**	25 U	0.5 U	0.5 U	**3.2**	0.5 U	**4.3**	**3.9**	0.5 U	**3.5**	0.5 U	**3.1**	**1.1**	**5.2**	**0.96 J**
1,2-dichloropropane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
1,3-dichlorobenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
1,4-dichlorobenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
1,4-dioxane	ug/L	**5.5 J**	1000 R	NR	**4.7**	**9.3**	**8.8**	**6.2**	**5.6**	2.1 U	**7.5**	**4.8**	**2.9**	NA	**4.7**	NA
2-butanone	ug/L	5 U	250 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U
2-hexanone	ug/L	5 U	250 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U
4-methyl-2-pentanone	ug/L	5 U	250 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U
acetone	ug/L	5 U	250 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U
benzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
bromochloromethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
bromodichloromethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
bromoform	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
bromomethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	**1.9 L**	**0.5 UL**	0.5 UL	2 U
carbon disulfide	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
carbon tetrachloride	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.5**	**2.6**	0.5 U	**63**	0.5 U	0.5 U	0.5 U	0.5 U	2 U
chlorobenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ
chloroethane	ug/L	**28 J**	**26**	0.5 U	**18**	**15**	**2.7 J**	**5.6**	**9.9**	**1.8**	**2.7**	**7**	**2.5**	**0.67**	**2.0**	2 U
chloroform	ug/L	**2.6**	25 U	0.5 U	**2.1**	**1.1**	0.5 U	**1.3**	**1.7**	**0.88**	**0.85**	**1.9**	**1.1**	**0.5 U**	**2.2**	2 U
chloromethane	ug/L	0.5 U	25 U	0.5 U J	0.5 U	0.5 U	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 U
cis-1,2-dichloroethene	ug/L	**3.3 J**	25 U	0.5 U	**3.1 J**	**2.5 J**	**0.74 J**	**2.1**	**3.5**	**1.6**	**1.4 J**	**2.7**	**1.8**	**1.4**	**2.8**	2 U
cis-1,3-dichloropropene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
cyclohexane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
dibromochloromethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
dichlorodifluoromethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	2 U
ethylbenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
isopropylbenzene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
m,p-xylene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
methyl acetate	ug/L	0.5 U	25 U	0.5 U	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 UJ	0.5 U	0.5 U	2 U
methyl tert-butyl ether	ug/L	**0.09 J**	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	2 U
methylcyclohexane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
methylene chloride	ug/L	5.1 U	25 U	0.5 U	**2.2**	**1.8**	0.5 U	**1.7**	0.5 U	0.5 U	**1.1**	**1.3**	0.5 U	0.5 U	0.5 U	2 U
o-xylene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
styrene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
tetrachloroethene	ug/L	**0.05 J**	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
toluene	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
trans-1,2-dichloroethene	ug/L	**0.2 J**	25 U	0.5 U	**0.34 J**	0.5 U	0.5 U	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 U
trans-1,3-dichloropropene	ug/L	0.5 U	25 U	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 U	0.5 U	0.5 U	0.5 U	2 U
trichloroethene	ug/L	**170**	**210**	**9.2**	**300**	**96 J**	**59**	**99**	**220**	**71**	**28**	**170**	**120**	**78**	**260**	**41**
trichlorofluoromethane	ug/L	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U
vinyl chloride	ug/L	0.5 U	25 U	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**	1 U	0.5 U	0.5 U	2 U
Gases																
ethane	ug/L	12 U	12 U			U		2.0 U J	12U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U		2.0 U J	17U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**2.4 J**	10 U			0.282 J		2.0 U J	10U	2 U	10 U	2 U	2 U	2 U	**3.14**	
Metals																
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**142 J**	**144**	**46**		**140**	**130**	**130**	**130**	**140**	**120**	**120**	**120**	**130**	**120**	
iron	mg/L	**1.81**	**1.02**	**3.9**		**2.5**	**7.4**	**3.7**	**1.3**	**3.2**	**2.8**	**4**	**10**	**3**	**1.6**	
manganese	mg/L	**0.122**	**0.072**	**0.24**		**0.11**	**0.2**	**0.11**	**0.063**	**0.013**	**0.21**	**0.17**	**0.33**	**0.11**	**0.055**	
sodium	mg/L	**7.52**	**9.07**	**5.5**		**7.8**	**8.4**	**8.7**	**8.2**	**9.8**	**7.9**	**8.6**	**7.3**	**6.3**	**7.7**	
Wet Chemistry																
chloride	mg/L	**16.9**	**20.9**	**8.7**		**1 U**	**12**	**13**	**11**	**21**	**12**	**18**	**10**	**5.5**	**13**	
nitrate as N	mg/L	**1.18**	**0.9**	0.05 U		**1**	**0.6**	**1.1**	**0.57**	**0.25**	**1.2**	**1.3**	**1.5**	**0.58**	**3.5**	
nitrite as N	mg/L	0.08 U	0.08 U	**0.072**		**0.05 U**	**0.1**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.077**	**0.05 U**	0.05 U	
sulfate as SO4	mg/L	**45.1**	**65.8**													
sulfur dioxide	ug/L									**2.5 NJ**						
carbon dioxide	mg/L	**298**	**327**													
alkalinity carbonate	mg/L			1 U		**320**	**280**	**280**	**310**	**320**	**310**	**290**	**280**	**340**	1 U	
total alkalinity	mg/L	**314**	**342**	**100**		**320**	**280**	**280**	**310**	**320**	**310**	**290**	**280**	**340**	**310**	
total organic carbon	mg/L	**1.8**	**2**	1 U		**1.4**	**1.9**	**1.4**	**2.6**	**4.2**	**1.7**	1 U	**2.6**	**2.1**	**1.9**	
sulfide	mg/L	**0.64**	**0.32**	0.01 U		0.071	0.01 U	**0.017**	0.01 U	0.01 U	**0.018**	0.01 U	0.01 U	0.01 U	**0.012**	
Purge Parameters																
color	Visual	Clear	Clear	Cloudy	Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Clear	V/Cloudy	Cloudy	Clear	Clear	Cloudy
conductivity	µmhos/cm	**570**	**662**	**229**	**752**	**718**	**742**	**563**	**606**	**657**	**535**	**649**	**565**	**525**	**411**	**419**
dissolved oxygen	mg/L	**3.61**	**4.46**	**6**	**3.89**	**2.65**	**5.44**	**7.71**	**3.66**	**3.95**	**11.71**	**4.06**	**3.46**	**4.64**	**9.20**	**5.40**
ferrous iron	mg/L	**0.56**	**0.29**	**1.27**	NA	**0.01**	**0.04**	**0.02**	**0.04**	**0.1**	**0.28**	**0.09**	**0.18**	**0.33**	**0.06**	NA
flow rate	mL/min	**150**	**100**	**100**	**100**	**100**	**100**	**450**	**180**	**250**	**250**	**100**	**100**	**150**	**100**	**100**
gallons purged	gal	**1.07**	**1**	**3**	**3.5**	**>5.0**	**3.1**	**9.75**	**7.5**	**8**	**0.5**	**1.5**	**4.25**	**3**	**8.0**	**1.25**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**186.8**	**146.8**	**71.1**	**112.3**	**50.3**	**119.1**	**124**	**-32.7**	**34.8**	**18.8**	**117.5**	**93.5**	**92**	**270.6**	**153.5**
pH	pH unit	**6.76**	**7.15**	**6.63**	**6.99**	**6.74**	**7.34**	**7.15**	**7.06**	**6.32**	**6.75**	**6.74**	**6.24**	**6.93**	**7.77**	**7.61**
temperature	degrees C	**13.89**	**13.07**	**7.57**	**11.94**	**17.62**	**20.35**	**11.61**	**14.1**	**15.24**	**12.65**	**16.78**	**17.5**	**9.84**	**11.7**	**14.78**
turbidity	NTU	**30.0**	**28.0**	**95.0**	**45.0**	**80.0**	**190.0**	**130.0**	**45.0**	**90.0**	**27.9**	**95.0**	**190.0**	**43.2**	**37.8**	**2010**
water level	feet	**26.47**	**24.84**	**19.72**	**28.87**	**24.04**	**42.05**	**30.1**	**25.42**	**26.35**	**35.75**	**26.43**	**37.6**	**26.74**	**37.60**	NA

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-1B 4/10/2006 NORM	MW-1B 10/18/2006 NORM	MW-1B 4/3/2007 NORM	MW-1B 11/29/2007 NORM	MW-1B 4/14/2008 NORM	MW-1B 7/16/2008 NORM	MW-1B 10/21/2008 NORM	MW-1B 1/27/2009 NORM	MW-1B 5/6/2009 NORM	MW-1B 7/10/2009 NORM	MW-1B 10/9/2009 NORM	MW-1B 10/12/2010 NORM	MW-1B 6/7/2011 NORM	MW-1B 1/24/2013 NORM	MW-1B 11/12/2013 NORM	MW-1B 10/15/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2 U	2 U	2U	2.2 U	2.1 U	2 U	2 U	2 U	2.1 U	**1.9 UL**	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**21**	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 UL	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.99 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Gases																	
ethane	ug/L	12 U	12 U			U	U	U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 UL	2 U	
ethene	ug/L	17 U	17 U			U	U	1 U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 UL	2 U	
methane	ug/L	10 U	10 U			U	**0.492 J**	**2 U**	2.0 U	10 U	2 U	10 U	**19**	2 U	2 UL	**22.4**	
Metals																	
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**172**	**151**	**140**		**150**	**150**	**120**	**140**	**140**	**140**	**140**	**120**	**150**	**130**	**140**	
iron	mg/L	**0.088**	**0.13**	**0.2**		**0.13**	**0.75**	**0.15**	**0.11**	**0.075**	0.050 U	**0.14**	**1.4**	**0.079**	**0.050 U**	**0.34**	
manganese	mg/L	**0.049**	**0.05**	**0.084**		**0.08**	**0.34**	**0.067**	**0.034**	**0.03**	**0.036**	**0.11**	**0.28**	**0.017**	**0.075**	**0.19**	
sodium	mg/L	**501**	**14.6**	**14**		**14**	**15**	**13**	**14**	**13**	**15**	**16**	**14**	**14**	**11**	**12**	
Wet Chemistry																	
chloride	mg/L	**23.3**	**26.4**	**16**		**1.4**	**12**		**19**	**7.4**	**18**	**5.6**	**20**	**23**	**12**	**15**	
nitrate as N	mg/L	**0.45**	**0.49**	**0.37**		**0.38**	**0.38**		**0.45**	**0.033**	**0.33**	**0.27**	**0.23**	**0.3**	**0.14**	**0.14**	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U		0.050 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**89.7**	**69.5**														
sulfur dioxide	ug/L										**0.55 NJ**						
carbon dioxide	mg/L	**403**	**414**														
alkalinity carbonate	mg/L			1 U		**370**	**380**		**370**	**350**	**350**	**360**	**330**	**350**	**370**	1 U	
total alkalinity	mg/L	**373**	**355**	**370**		**370**	**380**		**370**	**350**	**350**	**360**	**330**	**350**	**370**	**380**	
total organic carbon	mg/L	**1.6**	**2.3**	1 U		1.4	**2.9**		**1.6**	**1.9**	**2.9**	**2**	**1**	**2.5**	**2.4**	**2.4**	
sulfide	mg/L	**0.8**	0.2 U	**0.011**		**0.01 U**	**0.01 U**		0.010 U	0.01 U	0.01 U	0.01 U	**0.039**	0.01 U	0.01 U	**0.011**	
Purge Parameters																	
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**690**	**836**	**816**	**921**	**617**	**770**	**969**	**643**	**606**	**667**	**621**	**560**	**691**	**565**	**367**	**701**
dissolved oxygen	mg/L	**5.15**	**2.79**	**1.83**	**1.98**	**2.4**	**4.88**	**5.46**	**6.16**	**3.96**	5.22	**5.96**	**5.26**	**4.51**	**6.62**	**6.66**	**4.49**
ferrous iron	mg/L	**0.11**	**0.09**	**0.17**	NA	**0.03**	NA	0	**0.54**	**0.08**	**0.26**	**0.04**	**0.28**	**0.08**	**0.15**	**0.04**	**0.00**
flow rate	mL/min	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**400**	**150**	**100**	**100**	**NA**	**100**	**100**
gallons purged	gal	**0.343**	NA	NA	**7.25**	**3.5**	**2.9**	**0.75**	**2.5**	**0.5**	**0.75**	**0.75**	**7.25**	**14.5**	**15**	**16**	**1**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**208.4**	**117.2**	**124.8**	**200.1**	**92.6**	**36.2**	**152.6**	**47.9**	**-24.4**	**34.9**	**182.5**	**71.1**	**226.6**	**298.3**	**402.2**	**162.6**
pH	pH unit	**6.43**	**7.07**	**7.10**	**6.37**	**6.27**	**7.13**	**6.85**	**7.26**	**7.19**	**6.14**	**6.65**	**7.41**	**5.75**	**6.25**	**6.56**	**7.33**
temperature	degrees C	**13.71**	**15.03**	**16.60**	**12.20**	**11.60**	**20.10**	**11.79**	**7.15**	**11.54**	**14.12**	**12.5**	**12.03**	**13.84**	**5.84**	**8.6**	**17.16**
turbidity	NTU	**2.7**	**2.0**	**3.56**	**4.2**	**4.4**	NA	**2.6**	**4**	**2.1**	**12**	**7.02**	**80.0**	**4.9**	**8.3**	**2.89**	**6.11**
water level	feet	**59.71**	**70.42**	**70.43**	**63.89**	**71.93**	**88.7**	**81.74**	**64.82**	**61.65**	**63.75**	**46.19**	**88.55**	**72.86**	**NA**	**37.60**	**97.33**

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-4 4/17/2006 NORM	MW-4 10/24/2006 NORM	MW-4 4/13/2007 NORM	MW-4 12/17/2007 NORM	MW-4 4/14/2008 NORM	MW-4 5/7/2009 NORM	MW-4 10/20/2010 NORM	MW-4 6/16/2011 NORM	MW-4 1/24/2013 NORM	MW-4 11/6/2013 NORM	MW-4 10/21/2014 NORM
Volatile Organics												
1,1,1-trichloroethane	ug/L	**1,500 J**	**1,100 J**	**1700**	**1,100**	**770**	**770 K**	**360**	**310**	**400**	**4900**	**1600**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1,2-trichloro-1,2,2-trifluoro	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,1,2-trichloroethane	ug/L	**3.6**	**5.6**	**2.9**	**3.9**	**2.1**	**1.9**	**0.9**	**0.81**	**0.87**	**2.7**	10 U
1,1-dichloroethane	ug/L	**31 J**	**43**	**34**	**47 J**	**32 J**	**43**	**9.2**	**7.8**	**26**	**50**	**41**
1,1-dichloroethene	ug/L	**240 J**	**120**	**210**	**160**	**110**	**73**	**33**	**43**	**42**	**340 K**	**140**
1,2,3-trichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-dibromo-3-chloropropane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-dibromoethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-dichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,2-dichloroethane	ug/L	**3.8**	**4 J**	**3.5**	0.5 U	**2.6**	0.5 U	0.5 U	**0.97**	**0.95**	**4.5**	10 U
1,2-dichloropropane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,3-dichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,4-dichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
1,4-dioxane	ug/L	**5.9**	**4**	NR	**3.3**	**9.6**	**4**	NA	**2.2 UL**	NA	2.0 U	NA
2-butanone	ug/L	5 U	50 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	100 U
2-hexanone	ug/L	5 U	50 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	100 U
4-methyl-2-pentanone	ug/L	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	100 U
acetone	ug/L	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	100 U
benzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
bromochloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
bromodichloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
bromoform	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
bromomethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 UJ	10 U
carbon disulfide	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
carbon tetrachloride	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
chlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
chloroethane	ug/L	**2.4**	**4.3 J**	**3.3**	**3.8**	**1.9**	0.5 U	0.5 U	0.5 U	0.5 U	**0.52**	10 U
chloroform	ug/L	**1**	5 U	**1.1**	**1.5**	**0.89**	**0.74**	0.5 U	0.5 U	0.5 U	**1.9**	10 U
chloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
cis-1,2-dichloroethene	ug/L	**7 J**	**10 J**	**9.1**	**14 J**	**8.8 J**	**13**	**3.1**	**5.3**	**34**	**37**	**22**
cis-1,3-dichloropropene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
cyclohexane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
dibromochloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
dichlorodifluoromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	10 U
ethylbenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
isopropylbenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
m,p-xylene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
methyl acetate	ug/L	0.5 U	5 U	**1.4**	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	0.5 U	0.5 U	10 U
methyl tert-butyl ether	ug/L	**0.44 J**	**1.9 J**	**1.3**	**1.8**	**0.65**	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	10 U
methylcyclohexane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
methylene chloride	ug/L	**5.3 U**	5 U	**2.1**	**2.1**	**1.4**	**1.6**	0.5 U	0.5 U	0.5 U	0.5 U	10 U
o-xylene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
styrene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
tetrachloroethene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
toluene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
trans-1,2-dichloroethene	ug/L	**0.21 J**	5 U	**0.82**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	10 U
trans-1,3-dichloropropene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
trichloroethene	ug/L	**1,000 J**	**1,100**	**970**	**990**	**660**	**710**	**140**	**190**	**190**	**480**	**280**
trichlorofluoromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U
vinyl chloride	ug/L	**0.53**	5 U	**0.98**	**0.48 J**	**0.36 J**	0.5 U	0.5 U	1 U	0.5 U	0.5 U	10 U
Gases												
ethane	ug/L	12 U	12 U			U	12 U		2 U	2 U	2 U	
ethene	ug/L	**15.7 J**	17 U			U	17 U		2 U	2 U	2 U	
methane	ug/L	**758**	**461**			**38.1**	10 U		2 U	2 U	2 U	
Metals												
arsenic	mg/L	0.009 U	0.009 U			0.008 U	0.008 U		0.008 U	0.008 U	0.008 U	
calcium	mg/L	**214 J**	**215**			**210**	**200**		**130**	**170**	**200**	
iron	mg/L	**2.46**	**0.09**			**4.6**	**0.79**		**1.7**	**1.5**	**9.1**	
manganese	mg/L	**0.251**	**0.151**			**0.11**	**0.067**		**0.5**	**1.5**	**5.4**	
sodium	mg/L	**10.8**	**13.8**			**19**	**16**		**27**	**41**	**38**	
Wet Chemistry												
chloride	mg/L	**30.8**	**64.7**			**2.8**	**8.3**		**24**	**18**	**28**	
nitrate as N	mg/L	0.1 U	**0.11**			**0.25**	**1.4**		**0.19**	**0.05 U**	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U			**0.071**	0.05 U		0.05 U	0.05 U	**0.074**	
sulfate as SO4	mg/L	**37.2**	**50.2**									
sulfur dioxide	ug/L											
carbon dioxide	mg/L	**461**	**520**									
alkalinity carbonate	mg/L					**510**	**470**		**260**	**460**	1 U	
total alkalinity	mg/L	**461**	**509**			**510**	**470**		**260**	**460**	**480**	
total organic carbon	mg/L	**2**	**1.9**			**1.2**	**2.6**		**2.7**	**2.3**	**2.3**	
sulfide	mg/L	**0.8**	**0.64**			0.01 U	0.02 U		0.01 U	0.01 U	0.01 U	
Purge Parameters												
color	Visual	Clear	Clear	V. Lt Brown	Clear	Clear	Cloudy	Clear	Clear	Clear	Cloudy	Cloudy
conductivity	µmhos/cm	**739**	**968**	**941**	**1099**	**1067**	**792**	**764**	**633**	**696**	**920**	**972**
dissolved oxygen	mg/L	**2.17**	**0.23**	**4.64**	**0.39**	**0.75**	**2.92**	**2.39**	**3.75**	**3.65**	**5.03**	**0.95**
ferrous iron	mg/L	**0.42**	**0.05**	**3.3**	NA	**1.39**	**0.99**	**0.09**	**0.17**	**0.97**	**0.13**	**0.97**
flow rate	mL/min	**100**	**160**	**100**	**110**	**100**	**200**	**50**	NA	NA	**50**	NA
gallons purged	gal	**1.19**	**2.9**	**7.5**	**4**	**4.75**	**0.5**	**>0.5**	**1**	**2**	**0.8**	0
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**50.4**	**29.3**	**46.4**	**160.2**	**78.3**	**7.6**	**131.8**	**182.3**	**251.1**	**273.5**	**163.5**
pH	pH unit	**6.68**	**7.10**	**6.48**	**6.57**	**6.38**	**6.19**	**6.91**	**5.96**	**6.79**	**6.91**	**7.02**
temperature	degrees C	**11.84**	**16.10**	**13.00**	**13.46**	**12.89**	**10.83**	**16.89**	**14.8**	**6.66**	**13.7**	**13.16**
turbidity	NTU	**14.9**	**1.3**	**320**	**6.6**	**8.6**	**320**	**75.0**	**26.8**	**56.0**	**80.3**	**20.8**
water level	feet	**7.77**	**11.29**	**14.60**	**9.98**	**8.87**	**6.45**	**9.90**	**11.93**	**NA**	**13.21**	**19.20**

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-5B 4/13/2006 NORM	MW-5B 10/25/2006 NORM	MW-5B 4/16/2007 NORM	MW-5B 12/18/2007 NORM	MW-5B 4/17/2008 NORM	MW-5B 7/23/2008 NORM	MW-5B 10/30/2008 NORM	MW-5B 5/13/2009 NORM	MW-5B 10/21/2010 NORM	MW-5B 6/10/2011 NORM	MW-5B 1/24/2013 NORM	MW-5B 11/6/2013 NORM	MW-5B 10/21/2014 NORM
Volatile Organics														
1,1,1-trichloroethane	ug/L	**2,500 J**	**880 J**	**2,600**	**4,600**	**6300**	**1600**	**1000**	**5000**	**410**	**580**	**650**	**1600**	**3000**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,1,2-trichloro-1,2,2-trifluoro	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,1,2-trichloroethane	ug/L	**4**	**2.1 J**	**3.3**	**2.9**	**3.4**	**3.7 J**	**3.4**	**5.3**	**1.1**	**1.1**	**1**	**3.4**	20 U
1,1-dichloroethane	ug/L	**28 J**	**8.7**	**27**	**15**	**21 J**	**20**	**24**	**40**	**10**	**8.4**	**6.4**	**35**	**48**
1,1-dichloroethene	ug/L	**280 J**	**110**	**420**	**560**	**770**	**160 J**	**120**	**890**	**54**	**83**	**78**	**120 K**	**390**
1,2,3-trichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,2,4-trichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,2-dibromo-3-chloropropane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 UJ	0.5 U	0.5 U	20 U
1,2-dibromoethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,2-dichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,2-dichloroethane	ug/L	**3.7**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.6**	**1.1**	**1**	**2.7**	20 U
1,2-dichloropropane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,3-dichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,4-dichlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
1,4-dioxane	ug/L	20 U	**3.1**	NR	**4**	**14**	**18**	**9.7**	**10**	**4.5**	2.1 U	NA	**5.0**	NA
2-butanone	ug/L	5 U	50 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	200 U
2-hexanone	ug/L	5 U	50 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	200 U
4-methyl-2-pentanone	ug/L	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	200 U
acetone	ug/L	5 U	50 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	200 U
benzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
bromochloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
bromodichloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
bromoform	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	20 U
bromomethane	ug/L	0.5 UJ	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 UL	0.5 UJ	20 U
carbon disulfide	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
carbon tetrachloride	ug/L	**14**	**2 J**	**9.9**	0.5 U	**10**	0.5 U	0.5 U	**10**	**1.7**	**1.9**	**0.5 U**	0.5 U	20 U
chlorobenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
chloroethane	ug/L	**2.3**	5 U	**3**	0.5 U	**1.5**	0.5 U	**1.6**	**3.1**	0.5 U	0.5 U	0.5 U	**1.0**	20 U
chloroform	ug/L	**2.2 J**	5 U	**2.3**	**1.3**	**2.1**	0.5 U	0.5 U	**3.6**	**0.72**	**0.69**	**0.5 U**	**1.1**	20 U
chloromethane	ug/L	0.5 U	5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
cis-1,2-dichloroethene	ug/L	**2.9 J**	**1.5 J**	0.5 U	**2.5 J**	**3.4 J**	**0.95 J**	**1.8**	**4.6**	**0.83**	**0.86**	**1.3**	**1.4**	20 U
cis-1,3-dichloropropene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
cyclohexane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
dibromochloromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
dichlorodifluoromethane	ug/L	0.5 U	5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	20 U
ethylbenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
isopropylbenzene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
m,p-xylene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
methyl acetate	ug/L	0.5 U	5 U	**2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	20 U
methyl tert-butyl ether	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 UL	0.5 U	20 U
methylcyclohexane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
methylene chloride	ug/L	0.8 U	5 U	0.5 U	**0.44 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
o-xylene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
styrene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
tetrachloroethene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
toluene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
trans-1,2-dichloroethene	ug/L	**0.1 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
trans-1,3-dichloropropene	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	20 U
trichloroethene	ug/L	**230 J**	**87**	**120**	**380**	**140**	**78**	**70**	**240**	**31**	**40**	**73**	**93**	**180**
trichlorofluoromethane	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
vinyl chloride	ug/L	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	20 U
Gases														
ethane	ug/L	12 U	12 U			U		1 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U		1 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	10 U	10 U			0.422 J		2 U	10 U	2 U	2 U	2 U	2 U	
Metals														
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**117**	**120**	**110**		**130**	**130**	**130**	**120**	**120**	**110**	**110**	**120**	
iron	mg/L	0.083 U	0.083 U	0.050 U		0.05 U	**0.17**	0.050 U	**0.43**	0.050 U	0.050 U	0.050 U	**1.6**	
manganese	mg/L	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	0.005 U	**0.0059**	0.005 U	0.005 U	0.005 U	**0.055**	
sodium	mg/L	**6.75**	**6.14**	**6.3**		**6.0**	**7.5**	**7.3**	**6.3**	**6**	**5.5**	**5.3**	**7.6**	
Wet Chemistry														
chloride	mg/L	**8.78**	**9.11**	**9.2**		**1.4**	**1.9**	**1.9**	**8.4**	**13**	**6.8**	**4.5**	**7.5**	
nitrate as N	mg/L	**0.2**	**0.28**	**0.16**		**0.15**	**1.3**	**0.73**	**0.22**	**0.48**	**0.18**	**0.21**	**1.6**	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**45.3**	**48.9**											
sulfur dioxide	ug/L													
carbon dioxide	mg/L	**280**	**287**											
alkalinity carbonate	mg/L			1 U		**290**	**310**	**310**	**280**	**290**	**250**	**280**	1 U	
total alkalinity	mg/L	**286**	**283**	**270**		**290**	**310**	**310**	**280**	**290**	**250**	**280**	**290**	
total organic carbon	mg/L	**0.9**	**1.1**	1 U		1 U	**1.5**	**1.1**	**1.8**	1 U	**1.3**	**1.3**	**1.1**	
sulfide	mg/L	0.2 U	**0.8**	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters														
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**569**	**522**	**481**	**788**	**617**	**655**	**894**	**500**	**552**	**448**	**413**	**560**	**538**
dissolved oxygen	mg/L	**6.04**	**7.15**	**2.97**	**2.7**	**3.16**	**5**	**5.29**	**3.49**	**5.04**	**5.03**	**5.79**	**6.60**	**5.67**
ferrous iron	mg/L	**0.00**	**0.03**	**0.16**	NA	**0.01**	**0.08**	**0.04**	NA	**0.04**	**0.04**	**0.06**	**0.05**	**0.00**
flow rate	mL/min	**150**	**100**	**110**	**100**	**100**	**100**	**250**	**150**	**100**	**100**	**100**	**100**	NA
gallons purged	gal	**0.277**	NA	**3**	**4.5**	**4.3**	**5.5**	**8**	**2.5**	**1.25**	**2.25**	**2**	**1.75**	NA
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**197.1**	**42.8**	**95.0**	**116.8**	**86.0**	**87.9**	**78.2**	**-45.6**	**-12.3**	**160.6**	**179.8**	**215.2**	**146.3**
pH	pH unit	**6.47**	**7.37**	**6.46**	**6.53**	**6.78**	**7.09**	**6.82**	**6.91**	**7.52**	**6.1**	**6.95**	**6.95**	**7.42**
temperature	degrees C	**17.70**	**12.87**	**9.66**	**9.77**	**16.59**	**19.57**	**14.2**	**12.86**	**14.07**	**16.28**	**7.54**	**15.12**	**11.68**
turbidity	NTU	**6.2**	**0.0**	**1.1**	**0.9**	**3.4**	**0.9**	**2.4**	**31**	**0.8**	**2.2**	**2.73**	**38.3**	**13.2**
water level	feet	**24.41**	**23.28**	**19.13**	**24.81**	**22.78**	**31.43**	**24.44**	**23.77**	**25.13**	**27.96**	**24.6**	**34.20**	**34.50**

Highlighted values exceed cleanup standards for c

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Analyte	Unit	MW-5R 10/18/2006 NORM	MW-5R 4/5/2007 NORM	MW-5R 11/30/2007 NORM	MW-5R 4/23/2008 NORM	MW-5R 10/28/2008 NORM	MW-5R 1/28/2009 NORM	MW-5R 5/7/2009 NORM	MW-5R 7/13/2009 NORM	MW-5R 10/12/2009 NORM	MW-5R 6/15/2011 NORM	MW-5R 1/16/2013 NORM	MW-5R 11/7/2013 NORM	MW-5R 10/10/2014 NORM
Volatile Organics														
1,1,1-trichloroethane	ug/L	**230 J**	**130**	**350**	**36**	**99**	**110**	**140**	**55**	**210**	**79**	**25**	**30**	**19**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.56 J**	0.5 U	**0.21 J**	0.5 U	0.5 U	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	ug/L	**15 J**	**33**	**55**	**3.4**	**12**	**15**	**6.6**	**4.6**	**7.5**	**11**	**2.4**	**2.7**	**7.8**
1,1-dichloroethene	ug/L	**61 J**	**47**	**36**	**14 J**	**33**	**40**	**35**	**24**	**35**	**30**	**10**	**9.6**	**11**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.55**	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	NR	NR	2.1 U	**4.7**	**5.4**	**4**	**3**	2 U	**1.5 J**	**2.7**	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	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 disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**1.1**	**1.9 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.25 J**
cis-1,3-dichloropropene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	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 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	**9.2**	**7**	**2.1**	**6**	**9.8**	**11**	**10**	**6.9**	**7.7**	**8.1**	**5.3**	**6.5**	**2.6**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 U
Gases														
ethane	ug/L	12 U			U	1 U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U	1 U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	
methane	ug/L	10 U			U	2 U	2.0 U	10 U	2 U	10 U	2 U	2 U	2 U	
Metals														
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**99.9**	**89**		**97**	**89**	**87**	**95**	**98**	**99**	**90**	**87**	**90**	
iron	mg/L	0.083 U	0.050 U		**0.78**	**0.079**	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	
manganese	mg/L	0.005 U	0.005 U		**0.012**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**16.6**	**16**		**20**	**11**	**12**	**21**	**21**	**18**	**12**	**21**	**20**	
Wet Chemistry														
chloride	mg/L	**53.5**	**35**		**2.4**	**5.6**	**33**	**16**	**56**	**32**	**19**	**40**	**48**	
nitrate as N	mg/L	**0.93**	**0.73**		**0.85**	**0.59**	**0.63**	**0.71**	**0.82**	**0.44**	**0.61**	**1**	**1.3**	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**38.9**												
sulfur dioxide	ug/L													
carbon dioxide	mg/L	**225**												
alkalinity carbonate	mg/L		1 U		**230**	**230**	**230**	**230**	**250**	**230**	**220**	**230**	1 U	
total alkalinity	mg/L	**225**	**230**		**230**	**230**	**230**	**230**	**250**	**230**	**220**	**230**	**250**	
total organic carbon	mg/L	**1**	1 U		1 U	1 U	1 U	1 U	**1.6**	1 U	1 U	1.1	1 U	
sulfide	mg/L	0.2 U	0.01 U		0.037	0.01 U	0.010 U	0.01 U	0.01 U	0.01 U	**0.012**	**0.01 U**	0.01 U	
Purge Parameters														
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**589**	**535**	**695**	**540**	**613**	**359**	**513**	**528**	**515**	**428**	**486**	**377**	**536**
dissolved oxygen	mg/L	**4.01**	**2.21**	**2.17**	**3.03**	**2.17**	**3.77**	**4.78**	**3.72**	**4.2**	**5.79**	**3.4**	**7.32**	**8.32**
ferrous iron	mg/L	**0.05**	**0.08**	NA	0	0	0	**0.02**	**0.49**	**0.53**	0	0.05	**NA**	**0.00**
flow rate	mL/min	**4500**	**220**	**1200**	**1500**	NA	NA	NA	NA	NA	NA	NA	**150**	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.0**	NA
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**128.5**	**124.9**	**172.4**	**156.4**	**135.2**	**147.3**	**-18.3**	**93.6**	**84.1**	**170.9**	**41.2**	**247.4**	**201.7**
pH	pH unit	**7.48**	**6.59**	**6.81**	**6.61**	**6.69**	**7.07**	**6.37**	**5.84**	**6.95**	**4.89**	**6.87**	**7.07**	**7.15**
temperature	degrees C	**12.21**	**13.34**	**12.40**	**11.86**	**13.38**	**7.89**	**11.54**	**13.2**	**15.79**	**12.89**	**11.97**	**13.2**	**15.53**
turbidity	NTU	**0.05**	**1.87**	**0.0**	**21.0**	**0.5**	**3.1**	**2.2**	**1.1**	**3.91**	**1.3**	**2.5**	**31.1**	**0.79**
water level	feet	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Highlighted values exceed cleanup standards for cı

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-6B 4/13/2006 NORM	MW-6B 10/25/2006 NORM	MW-6B 4/10/2007 NORM	MW-6B 12/3/2007 NORM	MW-6B 1/26/2009 NORM	MW-6B 5/4/2009 NORM	MW-6B 7/9/2009 NORM	MW-6B 10/7/2009 NORM	MW-6B 1/23/2013 NORM	MW-6B 11/4/2013 NORM	MW-6B 10/21/2014 NORM
Volatile Organics												
1,1,1-trichloroethane	ug/L	**14**	**11**	**17**	**11**	**7.3**	**8.5**	**6.8**	**3.6**	**7.2**	**8.3**	**8.3**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.28 J**	0.5 U	**0.33 J**	0.5 U	0.5 U	0.5 U	**0.18**	**0.5 U**	0.5 U	**0.48 J**
1,1-dichloroethene	ug/L	**2.6**	**1.5**	**3.8**	**1.5**	**1.6**	**1.5**	**1.3**	0.5 U	**2.0**	**3.0**	**3.8**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 U	20 R	NR	2.1 U	2.0 U	2.2 U	2.1 U	2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases												
ethane	ug/L	12 U	12 U			2.0 U	12 U	2 U	12 U	2 U	2 U	
ethene	ug/L	17 U	17 U			2.0 U	17 U	2 U	17 U	2 U	2 U	
methane	ug/L	10 U	10 U			2.0 U	10 U	2 U	10 U	2 U	2 U	
Metals												
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**123**	**113**	**110**		**110**	**110**	**110**	**110**	**100**	**100**	
iron	mg/L	0.083 U	0.083 U	0.050 U		**0.13**	**0.11**	**0.17**	**0.075**	**0.27**	**0.14**	
manganese	mg/L	0.005 U	0.005 U	0.005 U		0.005 U	**0.0056**	0.005 U	0.005 U	0.014	.005 U	
sodium	mg/L	**15.8**	**15.5**	**15**		**15**	**14**	**14**	**14**	**13**	**14**	
Wet Chemistry												
chloride	mg/L	**24.7**	**30.6**	**23**		**31**	**9.3**	**27**	**26**	**21**	**23**	
nitrate as N	mg/L	**2.06**	**2.07**	**2**		**1.6**	**2**	**2**	**2.9**	**2.1**	**1.5**	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	
sulfate as SO4	mg/L	**56.7**	**50.7**									
sulfur dioxide	ug/L							**1.3 NJ**				
carbon dioxide	mg/L	**262**	**284**									
alkalinity carbonate	mg/L			1 U		**290**	**280**	**240**	**290**	**290**	1 U	
total alkalinity	mg/L	**280**	**296**	**290**		**290**	**280**	**240**	**290**	**290**	**290**	
total organic carbon	mg/L	**0.8**	**1**	1 U		1.0 U	1 U	**1.2**	1 U	1	1 U	
sulfide	mg/L	**0.48**	0.2 U	0.01 U		0.010 U	0.01 U	0.02 U	0.01 U	0.011	0.01 U	
Purge Parameters												
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	NA
conductivity	µmhos/cm	**594**	**598**	**618**	**824**	**499**	**557**	**617**	**584**	**455**	**489**	NA
dissolved oxygen	mg/L	**3.75**	**4.39**	**3.49**	**3.17**	**6.23**	**4.51**	**7.13**	**6.31**	**6.02**	**6.20**	NA
ferrous iron	mg/L	**0.21**	**0.04**	**0.12**	NA	**0.02**	**0.21**	**0.26**	**0.12**	**0.35**	**0.01**	NA
flow rate	mL/min	**100**	**100**	**110**	**100**	**300**	**300**	**100**	**200**	**100**	**100**	NA
gallons purged	gal	**1.16**	**0.75**	**3.75**	**3.75**	**5**	**4.5**	**3.5**	**<3.25**	**2.5**	**3.5**	NA
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	NA
ORP	MeV	**253.2**	**30.6**	**98.3**	**157.4**	**74.3**	**-14.2**	**38.5**	**39.2**	**49.3**	**211.5**	NA
pH	pH unit	**6.57**	**7.55**	**6.77**	**6.86**	**6.47**	**6.9**	**7.04**	**6.85**	**7.14**	**7.11**	NA
temperature	degrees C	**16.03**	**13.17**	**12.65**	**10.50**	**11.47**	**15.58**	**17.79**	**14.95**	**7.51**	**11.70**	NA
turbidity	NTU	**13.5**	**1.3**	**1.04**	**0.0**	**9.7**	**12.0**	**11.0**	**3.1**	**9.5**	**4.25**	NA
water level	feet	**57.12**	**49.39**	**76.63**	**83.44**	**67.04**	**80.9**	**90.84**	**44.05**	**95.93**	**90.18**	NA

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-7R 10/18/2006 NORM	MW-7R 4/5/2007 NORM	MW-7R 11/30/2007 NORM	MW-7R 4/23/2008 NORM	MW-7R 7/24/2008 NORM	MW-7R 10/28/2008 NORM	MW-7R 1/28/2009 NORM	MW-7R 5/5/2009 NORM	MW-7R 7/13/2009 NORM	MW-7R 10/14/2009 NORM	MW-7R 10/22/2010 NORM	MW-7R 6/10/2011 NORM	MW-7R 1/16/2013 NORM	MW-7R 11/7/2013 NORM	MW-7R 10/15/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	**250 J**	**250**	**350**	**330**	**57**	**92**	**70**	**160**	**240 L**	**170**	**67**	**92**	**73**	**33**	**18**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.25 J**	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**46 J**	**53**	**52**	**25**	**12**	**13**	**14**	**40**	**40 L**	**39**	**18**	**30**	**24**	**11**	**7**
1,1-dichloroethene	ug/L	**33 J**	**43**	**37**	**82**	**13 J**	**33**	**19**	**30**	**35 L**	**24**	**18**	**23**	**19**	**8.8**	**8 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	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 UJ	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**3.9**	NR	2 U	**3.7**	2.1 U	**4.6**	2.0 U	**2.4**	2 U	2 U	2.2 U	2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U J	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.37 J**	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.5 J**	**1.9**	**1.9 J**	**1.2 J**	**0.43 J**	0.5 U	0.5 U	**1.3**	**1.4**	0.5 U	**0.62**	**1.1**	**0.98**	0.5 U	**0.26 J**
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.69**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	**1.6**	**1.9**	**2**	**1.5**	**0.3 J**	**11**	**2.4**	**2**	**2.1**	**2.4**	**1.4**	**2.5**	**2.2**	**0.54**	**1.8**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.54**	0.5 U	0.5 U	0.5U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases																
ethane	ug/L	12 U			U		1 U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U		1 U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	10 U			U		2 U	2.0 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	
Metals																
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**91.9**	**85**		**90**	**82**	**89**	**82**	**88**	**92**	**95**	**88**	**89**	**87**	**85**	
iron	mg/L	0.083 U	0.050 U		0.05 U	0.05 U	0.05 U	**1**	0.05 U	0.05 U	0.05 U	**0.054**	0.050 U	0.050 U	0.050 U	
manganese	mg/L	0.005 U	0.005 U		0.005 U	0.005 U	**0.005**	**0.0025**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**7.78**	**7.7**		**8.0**	**7.3**	**11**	**7.8**	**8.1**	**8.6**	**7.4**	**7.9**	**8.4**	**8.4**	**8.3**	
Wet Chemistry																
chloride	mg/L	**21.2**	**13**		**1.4**	**2.3**	**3.7**	**16**	**9.3**	**17**	**12**	**13**	**12**	**15**	**13**	
nitrate as N	mg/L	**1.24**	**0.77**		**0.53**	**0.29**	**0.6**	**0.4**	**0.38**	**0.41**	**0.27**	**0.33**	**0.37**	**0.36**	**0.31**	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**51**														
sulfur dioxide	ug/L															
carbon dioxide	mg/L															
alkalinity carbonate	mg/L	**231**	1 U		**240**	**240**	**230**	**240**	**240**	**260**	**290**	**250**	**230**	**250**	1 U	
total alkalinity	mg/L	**231**	**240**		**240**	**240**	**230**	**240**	**240**	**260**	**290**	**250**	**230**	**250**	**260**	
total organic carbon	mg/L	**1**	1 U		1 U	1 U	**1**	1.0 U	1.0 U	**1.7**	1 U	1 U	**1**	**1 U**	1 U	
sulfide	mg/L	0.2 U	0.01 U		0.01 U	0.01 U	**0.01 U**	0.010 U	0.010 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																
color	Visual	Clear	Clear	Clear	Clear	Cloudy	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**545**	**553**	**691**	**463**	**427**	**788**	**387**	**423**	**441**	**460**	**435**	**428**	**468**	**327**	**498**
dissolved oxygen	mg/L	**3.15**	**3.41**	**2.85**	**3.08**	**3.02**	**2.7**	**3.88**	**3.23**	**3.62**	**-0.15**	**3.05**	**4.79**	**2.58**	**5.9**	**8.34**
ferrous iron	mg/L	**0.04**	**0.1**	NA	0	0	**0.04**	**0.19**	NA	0	**0.03**	0	0	0.17	**0.02**	**0.00**
flow rate	mL/min	**2400**	**220**	**650**	**2100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**100**	**100**
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.5**	**5.25**
odor	Olfactory	None	None	None	None	Strong	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**155.4**	**127.9**	**181.8**	**148**	**160.8**	**132.1**	**98.8**	**-14.7**	**94.7**	**78.8**	**204**	**184.5**	**-3.3**	**239.2**	**144.2**
pH	pH unit	**7.48**	**6.68**	**6.82**	**6.55**	**6.67**	**6.71**	**6.79**	**6.35**	**5.98**	**7.36**	**7.47**	**4.94**	**6.85**	**7.03**	**7.17**
temperature	degrees C	**12.64**	**16.23**	**12.49**	**11.87**	**14.23**	**13.36**	**10.67**	**11.07**	**11.52**	**12.1**	**11.45**	**13.22**	**12.19**	**12.80**	**12.78**
turbidity	NTU	**2.1**	**0.0**	**0.0**	**1.8**	**26.0**	**0.3**	**55**	**1.8**	**9**	**17.8**	**16.0**	**3.9**	**6.1**	**1.8**	**1.29**
water level	feet	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-8B 4/12/2006 NORM	MW-8B 10/20/2006 NORM	MW-8B 4/4/2007 NORM	MW-8B 11/28/2007 NORM	MW-8B 4/15/2008 NORM	MW-8B 7/31/2008 NORM	MW-8B 10/20/2008 NORM	MW-8B 1/26/2009 NORM	MW-8B 4/29/2009 NORM	MW-8B 7/8/2009 NORM	MW-8B 10/7/2009 NORM	MW-8B 10/12/2010 NORM	MW-8B 6/2/2011 NORM	MW-8B 1/16/2013 NORM	MW-8B 10/29/2013 NORM	MW-8B 10/8/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.22 J**	0.5 U	**0.37 J**	**0.29 J**	**0.25 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.55**	**1.7**	**0.5 U**	0.5 U	**0.27 J**
1,1-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	**0.22 J**	**0.26 J**	**0.5 U**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.74**	**0.5 U**	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2 U	**3.6**	**2.1 U**	**2.2 U**	2.1 U	2.1 U	2 U	**0.91**	2 U	2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	**6.5**	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U
Gases																	
ethane	ug/L	120 U	120 U			**12.3**	U	**11**	**11**	12 U	7.3	12 U	**12**	2 U	7	**3.74**	
ethene	ug/L	170 U	170 U			U	U	1U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**6800**	**5420**			**11700**	**12700**	**27000**	**17000**	10400	14,000	10,200	**5,400**	**86**	**11,200**	**17,400**	
Metals																	
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	8.0 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.0082	0.008 U	
calcium	mg/L	**47.2**	**52.4**	**42**		**44**	**41**	**37**	**37**	**40**	**42**	**39**	**36**	**39**	**42**	**39**	
iron	mg/L	**1.4**	**1.12**	**0.96**		**3.7**	**1.3**	**0.68**	2	**3.4**	**2.5**	**2.3**	**1.9**	**1.3**	**2.1**	**2.9**	
manganese	mg/L	**0.304**	**0.375**	**0.26**		**0.26**	**0.25**	**0.19**	**0.23**	**0.26**	**0.25**	**0.22**	**0.2**	**0.24**	**0.33**	**0.23**	
sodium	mg/L	**62.5**	**58.7**	**78**		**75**	**70**	**75**	**70**	**70**	**66**	**70**	**71**	**65**	**57**	**65**	
Wet Chemistry																	
chloride	mg/L	**31.2**	**35**	**31**		**1.9**	**29**	1 U	**29**	**12**	**31**	**7.9**	**29**	**26**	**23**	**26**	
nitrate as N	mg/L	0.1 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U	**0.066**	**0.057**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.050 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**4.69**	**5.9**														
sulfur dioxide	ug/L			**14 NJ**							**22 NJ**						
carbon dioxide	mg/L	**219**	**230**														
alkalinity carbonate	mg/L			1 U		**200**	**260**	**270**	**260**	**260**	**260**	**250**	**260**	**240**		1 U	
total alkalinity	mg/L	**241**	**254**	**260**		**200**	**260**	**270**	**260**	**260**	**260**	**250**	**260**	**240**	**260**	**250**	
total organic carbon	mg/L	**0.6**	**0.7**	1 U		1 U	**1.3**	1 U	**1.6**	1 U	**1.5**	1 U	1 U	**1.1**	**1 U**	1 U	
sulfide	mg/L	**0.8**	0.2 U	**0.89**		**1.8**	**1.2**	**1.4**	**1.7**	**0.62**	**1.9**	**0.01**	0.01 U	**1.3**	**1**	**7.9**	
Purge Parameters																	
color	Visual	Clear	Clear	Clear	Clear	Clear	Gray	Clear	Gray	Lt. Gray	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**470**	**498**	**466**	NA	**576**	**464**	**591**	**568**	**405**	**438**	**436**	**436**	**442**	**392**	**475**	**474**
dissolved oxygen	mg/L	**0.99**	**0.71**	**0.34**	**0.91**	**0.55**	**0.62**	**0.18**	**0.27**	**0.3**	**0.23**	**0.41**	**0.34**	**0.18**	**0.88**	**0.34**	**0.34**
ferrous iron	mg/L	**0.64**	**0.53**	**0.33**	NA	NA	**0.17**	**0.08**	**0.09**	NA	**0.88**	**0.03**	**1.09**	**0.18**	**0.72**	**0.44**	**0.14**
flow rate	mL/min	**150**	**100**	**120**	**100**	**100**	**300**	**300**	**200**	**250**	**200**	**150**	**125**	**225**	**100**	**100**	**100**
gallons purged	gal	**1.19**	NA	**4**	**4.50**	**3.50**	**9.10**	**8.25**	**4.40**	**4.00**	**5.00**	**>2.75**	**1.50**	**4.00**	**>1.00**	**3.15**	**1.50**
odor	Olfactory	Faint Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	None
ORP	MeV	**-135.0**	**-188.6**	**-194.7**	**-155.4**	**-226.6**	**-194**	**-271.5**	**-170.3**	**-18**	**-124.1**	**-208**	**-153.9**	**-69.9**	**-139**	**19.7**	**-152.7**
pH	pH unit	**7.28**	**7.55**	**8.41**	**7.53**	**7.95**	**7.9**	**8.02**	**7.75**	**7.93**	**6.8**	**7.77**	**7.53**	**6.45**	**7.69**	**8.79**	**8.05**
temperature	degrees C	**14.92**	**11.91**	**9.20**	**10.06**	**12.43**	**14.5**	**12**	**7.58**	**11.85**	**12.04**	**13.62**	**13.79**	**13.05**	**8.59**	**10.87**	**13.26**
turbidity	NTU	**6.47**	**3.2**	**6.69**	**15.9**	**15**	**3.3**	**3.3**	**11**	**11**	**14**	**4.64**	**12.0**	**3.1**	**3.2**	**6.9**	**2.56**
water level	feet	**33.65**	**32.51**	**31.25**	**31.33**	**29.98**	**31.31**	**31.24**	**30.41**	**29.81**	**29.24**	**30.12**	**30.74**	**29.56**	**28.52**	**30.56**	**31.30**

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-9 10/16/2006 NORM	MW-9 4/2/2007 NORM
Volatile Organics			
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U
1,1,2-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U
1,1,2-trichloroethane	ug/L	0.5 U	0.5 U
1,1-dichloroethane	ug/L	0.5 U	0.5 U
1,1-dichloroethene	ug/L	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U
1,2-dichlorobenzene	ug/L	0.5 U	0.5 U
1,2-dichloroethane	ug/L	0.5 U	0.5 U
1,2-dichloropropane	ug/L	0.5 U	0.5 U
1,3-dichlorobenzene	ug/L	0.5 U	0.5 U
1,4-dichlorobenzene	ug/L	0.5 U	0.5 U
1,4-dioxane	ug/L	20 R	NR
2-butanone	ug/L	5 U	5 U
2-hexanone	ug/L	5 U	5 UJ
4-methyl-2-pentanone	ug/L	5 U	5 U
acetone	ug/L	5 U	5 U
benzene	ug/L	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U
bromodichloromethane	ug/L	0.5 U	0.5 U
bromoform	ug/L	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	1 U
carbon disulfide	ug/L	0.5 U	0.5 U
carbon tetrachloride	ug/L	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U
chloroethane	ug/L	0.5 U	0.5 U
chloroform	ug/L	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 UJ
cis-1,2-dichloroethene	ug/L	0.5 U	0.5 U
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U
styrene	ug/L	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U
toluene	ug/L	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U
trichloroethene	ug/L	0.5U	0.5U
trichlorofluoromethane	ug/L	0.5 U	0.5 U
vinyl chloride	ug/L	0.5 U	0.5 U
Gases			
ethane	ug/L	12 U	
ethene	ug/L	17 U	
methane	ug/L	10 U	
Metals			
arsenic	mg/L	0.009 U	0.016 U
calcium	mg/L	**21.7**	**20**
iron	mg/L	**0.172**	**0.82**
manganese	mg/L	**0.095**	**0.09**
sodium	mg/L	**21**	**22**
Wet Chemistry			
chloride	mg/L	**0.46**	1 U
nitrate as N	mg/L	**0.12**	**0.059**
nitrite as N	mg/L	0.08 U	0.05 U
sulfate as SO4	mg/L	**5.56**	
sulfur dioxide	ug/L		
carbon dioxide	mg/L	**98.6**	
alkalinity carbonate	mg/L		1 U
total alkalinity	mg/L	**109**	**110**
total organic carbon	mg/L	**0.6**	1 U
sulfide	mg/L	**0.32**	0.01 U
Purge Parameters			
color	Visual	Clear	Clear
conductivity	µmhos/cm	**207**	**150**
dissolved oxygen	mg/L	**1.10**	**0.98**
ferrous iron	mg/L	**0.25**	**0.05**
flow rate	mL/min	**80**	**100**
gallons purged	gal	**2.75**	**2**
odor	Olfactory	None	None
ORP	MeV	**-6.7**	**175.2**
pH	pH unit	**7.93**	**7.89**
temperature	degrees C	**11.87**	**10.08**
turbidity	NTU	**3.26**	**2.79**
water level	feet	**24.53**	**22.04**

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-9B 4/11/2006 NORM	MW-9B 10/17/2006 NORM	MW-9B 4/3/2007 NORM	MW-9B 11/26/2007 NORM	MW-9B 4/7/2008 NORM	MW-9B 7/14/2008 NORM	MW-9B 10/17/2008 NORM	MW-9B 1/26/2009 NORM	MW-9B 4/30/2009 NORM	MW-9B 7/7/2009 NORM	MW-9B 10/5/2009 NORM	MW-9B 10/11/2010 NORM	MW-9B 6/3/2011 NORM	MW-9B 1/15/2013 NORM	MW-9B 10/28/2013 NORM	MW-9B 10/7/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	**0.46 J**	**0.47 J**	**0.7 J**	**0.48 J**	**0.42 J**	**0.74**	**0.59**	**0.73**	**0.67**	**0.69**	0.5 U	**0.7**	**0.72**	**0.52**	**0.64**	**0.58**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.25 J**	**0.25 J**	0.5 U	0.5 U	**0.22 J**	**0.28 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.52**	**0.58**
1,1-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U L	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2.1 U	**2**	**3.4**	2.2 U	2.1 U	**2.4**	2.2 U	2 U	2.2 U	2.1 U	NA	**3.9**	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.12**	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.6 J**	0.5 U	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**	0.5 U	0.5 U	0.5 U	**0.21**	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.14**	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases																	
ethane	ug/L	12 U	12 U			U	U	U	2 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	U	1 U	2 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**3.3 J**	**10 U**			**1.51**	**4.23**	**4.4**	**3**	10 U	**3.9**	10 U	**6.5 L**	**8.8**	**9.97**	**4.68**	
Metals																	
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	8.0 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**42.8**	**42.7**	**42**		**44**	**43**	**42**	**41**	**42**	**43**	**44**	**45**	**44**	**45**	**45**	
iron	mg/L	**9.42**	**4.33**	**7.9**		**9.3**	**7.3**	**6.4**	**0.65**	**1**	**0.66**	**0.94**	**2.3**	**2.5**	**1.6**	**1.8**	
manganese	mg/L	**0.51**	**0.444**	**0.49**		**0.54**	**0.49**	**0.5**	**0.42**	**0.43**	**0.38**	**0.43**	**0.46**	**0.46**	**0.47**	**0.45**	
sodium	mg/L	**14.8**	**14.1**	**15**		**13**	**13**	**13**	0.05 U	**13**	**13**	**13**	**13**	**13**	**13**	**13**	
Wet Chemistry																	
chloride	mg/L	**2.44**	**2.72**	**2.5**		**3.7**	**2.3**	1 U	**2.5**	**11**	**2.8**	**5.1**	**3.1**	**3**	**3.2**	**3.6**	
nitrate as N	mg/L	0.1 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.10 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U L	0.05 U	0.05 U	0.05 U	0.05 U	0.10 U	0.025 U	0.05 U	
sulfate as SO4	mg/L	**16.1**	**14**														
sulfur dioxide	ug/L																
carbon dioxide	mg/L	**137**	**144**														
alkalinity carbonate	mg/L			1 U		**160**	**160**	**160**	**160**	**160**	**170**	**160**	**170**	**150**	**170**	1 U	
total alkalinity	mg/L	**149**	**151**	**150**		**160**	**160**	**160**	**160**	**160**	**170**	**160**	**170**	**150**	**170**	**170**	
total organic carbon	mg/L	**0.2**	**0.6**	1 U		1 U	**1.7**	**1.5**	1.0 U	1 U	**1.7**	1 U	1 U	**1.5**	**1 U**	1 U	
sulfide	mg/L	0.2 U	**0.48**	**0.032**		0.01 U	0.01 U	0.01 U		0.01 U	0.02 U	0.01 U	0.01 U	**0.018**	**0.01 U**	0.01 U	
Purge Parameters																	
color	Visual	Clear	Clear	Cloudy	Clear	Clear	Sl. Cloudy	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**245**	**284**	**259**	**360**	**260**	**249**	**347**	**327**	**246**	**254**	**245**	**256**	**264**	**253**	**235**	**353**
dissolved oxygen	mg/L	**1.51**	**1.30**	**0.58**	**1.01**	**0.6**	**0.58**	**0.46**	**0.93**	**0.67**	**0.64**	**1.46**	**0.83**	**0.82**	**1.34**	**0.64**	**0.66**
ferrous iron	mg/L	**0.18**	**0.43**	**0.97**	NA	**0.67**	**0.64**	**0.55**	0	**0.33**	**0.43**	**0.03**	**0.09**	**0.21**	**0.62**	**0.23**	**0.24**
flow rate	mL/min	**200**	**100**	**100**	**100**	**100**	**100**	**200**	**200**	**100**	**200**	**150**	**100**	**100**	**100**	**100**	**150**
gallons purged	gal	**1.24**	**2.5**	**5.25**	**2.25**	**3.75**	**4.7**	**8.75**	**2.70**	**2.50**	**2.75**	**2.00**	**1.25**	**1.50**	**>1.00**	**2.25**	**1.25**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**11.6**	**-6.9**	**-52.0**	**3.7**	**-50.0**	**-75.4**	**-31.6**	**30.5**	**-64.3**	**29.2**	**-7.2**	**85.3**	**214.4**	**17.8**	**-43.7**	**53.3**
pH	pH unit	**7.32**	**7.87**	**7.89**	**6.99**	**7.03**	**6.64**	**7.08**	**7.09**	**7.13**	**6.22**	**7.16**	**6.95**	**6.3**	**7.27**	**9.14**	**7.53**
temperature	degrees C	**10.51**	**10.18**	**10.21**	**9.43**	**11.08**	**14.52**	**10.64**	**8.01**	**11.28**	**11.56**	**12.78**	**12.74**	**11.9**	**8.45**	**11.95**	**12.17**
turbidity	NTU	**5.57**	**7.7**	**27.1**	**25.4**	**24.2**	**45**	**22**	**3.7**	**4.7**	**2.9**	**10.58**	**5.4**	**16.4**	**11.5**	**4.13**	**2.38**
water level	feet	**29.70**	**30.05**	**29.53**	**27.56**	**22.87**	**25.75**	**25.26**	**23.82**	**22.62**	**21.66**	**21.13**	**29.00**	**22.24**	**21.83**	**23.12**	**26.43**

Highlighted values exceed cleanup standards for c

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-10B 4/13/2006 NORM	MW-10B 10/19/2006 NORM	MW-10B 4/4/2007 NORM	MW-10B 11/28/2007 NORM	MW-10B 4/8/2008 NORM	MW-10B 7/15/2008 NORM	MW-10B 10/17/2008 NORM	MW-10B 1/23/2009 NORM	MW-10B 4/28/2009 NORM	MW-10B 7/7/2009 NORM	MW-10B 10/6/2009 NORM	MW-10B 10/12/2010 NORM	MW-10B 6/1/2011 NORM	MW-10B 1/15/2013 NORM	MW-10B 10/29/2013 NORM	MW-10B 10/8/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoro	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 U J	2 U	NR	2.1 U	2 U	2 U	2.1 U	2.1 U	2.2 U	2 U	2 U	2.1 U	2.1 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 UJ	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases																	
ethane	ug/L	12 U	12 U			U	U	1 U	2 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	U	1 U	2 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**2.6 J**	10 U			U	U	2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	
Metals																	
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	8.0 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**41.7**	**35.4**	**42**		**46**	**37**	**34**	**35**	**41**	**32**	**28**	**30**	**31**	**34**	**30**	
iron	mg/L	**0.437**	**0.193**	**0.11**		**0.16**	**0.17**	**0.36**	**0.17**	**0.58**	**0.56**	**0.28**	**0.32**	**0.32**	**0.17**	**0.19**	
manganese	mg/L	**0.301**	**0.031**	**0.11**		**0.45**	**0.015**	**0.027**	**0.01**	**0.027**	**0.022**	**0.014**	**0.0095**	**0.016**	**0.0085**	**0.0095**	
sodium	mg/L	**3.22**	**3.38**	**2.9**		**3.2**	**2.9**	**3.2**	**3.1**	**3.2**	**2.9**	**2.7**	**2.8**	**2.9**	**2.8**	**2.9**	
Wet Chemistry																	
chloride	mg/L	**2.88**	**3.5**	**2**		**1 U**	**13**	**1.9**	**2.6**	**3.7**	**2.4**	**2.8**	**2.6**	**1.5**	**3**	**2.5**	
nitrate as N	mg/L	0.1 U	**0.19**	0.05 U		0.05 U	**0.073**	**0.096 J**	**0.15**	0.05 U	**0.066**	**0.085**	**0.07**	0.05 U	0.056	**0.056**	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.05 U	
sulfate as SO4	mg/L	**23.9**	**37.8**														
sulfur dioxide	ug/L																
carbon dioxide	mg/L	**122**	**98.6**														
alkalinity carbonate	mg/L			1 U		**110**	**87**	**75**	**79**	**100**	**79**	**64**	**77**	**68**	**89**	1 U	
total alkalinity	mg/L	**122**	**77**	**110**		**110**	**87**	**75**	**79**	**100**	**79**	**64**	**77**	**68**	**89**	**74**	
total organic carbon	mg/L	**0.4**	**0.7**	1 U		1 U	**1.6**	**1.1**	1.0 U	1.0 U	**1.4**	1.0 U	1.0 U	1.0 U	1 U	1 U	
sulfide	mg/L	0.2 U	**0.32**	0.01 U		0.01 U	0.01 U	0.01 U	0.010 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																	
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**252**	**242**	**214**	NA	**311**	**222**	**265**	**190**	**229**	**169**	**136**	**155**	**194**	**180**	**194**	**224**
dissolved oxygen	mg/L	**3.88**	**3.61**	**0.72**	**1.02**	**0.72**	**1.14**	**1.38**	**2.03**	**0.43**	**2.68**	**4.58**	**1.75**	**0.7**	**1.26**	**1.92**	**1.76**
ferrous iron	mg/L	**0.18**	**0.12**	**0.09**	NA	**0.05**	**0.1**	**0.05**	**0.04**	**0.09**	**0.06**	**0.06**	**0.04**	0	0.13	**0.47**	**0.46**
flow rate	mL/min	**100**	**100**	**120**	**100**	**100**	**100**	**175**	**100**	**100**	**200**	**150**	**75**	**100**	**100**	**50**	**100**
gallons purged	gal	**0.924**	NA	**2**	**3.50**	**3.75**	**4.35**	**4.25**	**2.3**	**3**	**5.75**	**2.25**	**1**	**1.25**	**>1.25**	**1.2**	**1.25**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**111.0**	**-95.7**	**139.0**	**151.8**	**108.6**	**96.1**	**143.5**	**124.2**	**-49.2**	**48.7**	**105.1**	**163.6**	**167.2**	**76.1**	**36.7**	**96.4**
pH	pH unit	**6.72**	**11.42**	**7.04**	**6.17**	**6.29**	**6.5**	**6.01**	**5.83**	**5.95**	**6.08**	**6.2**	**6.00**	**5.57**	**6.45**	**-7.53**	**6.60**
temperature	degrees C	**13.60**	**14.93**	**6.97**	**9.44**	**10.84**	**16.8**	**11.56**	**7.66**	**15.07**	**10.81**	**12.31**	**12.95**	**18.65**	**8.57**	**11.22**	**15.13**
turbidity	NTU	**2.63**	**0.75**	**2.13**	**2.0**	**1.7**	**2.6**	**1.4**	**3.5**	**1.8**	**0.0**	**1.21**	**4.6**	**3.7**	**1.95**	**1.73**	**2.41**
water level	feet	**27.04**	**28.82**	**25.59**	**28.77**	**23.72**	**31.06**	**31.77**	**26.34**	**24.56**	**24.31**	**27.1**	**28.9**	**23.42**	**25.6**	**29.71**	**34.23**

Highlighted values exceed cleanup standards for cc

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-11 5/8/2009 NORM	MW-11 7/16/2009 NORM	MW-11B 10/23/2006 NORM	MW-11B 4/11/2007 NORM	MW-11B 12/19/2007 NORM	MW-11B 4/9/2008 NORM	MW-11B 1/29/2009 NORM	MW-11B 5/7/2009 NORM	MW-11B 7/15/2009 NORM	MW-11B 10/15/2009 NORM	MW-11B 10/14/2010 NORM	MW-11B 6/8/2011 NORM	MW-11B 1/21/2013 NORM	MW-11B 11/6/2013 NORM	MW-11B 10/14/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	**40 J**	**24**	**19**	**13**	**23**	**15**	**14**	**12**	**16**	**9.5**	**6.2**	**5.8**	**4.9**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.22 J**	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**7.1**	**5.4**	**8.3**	**5.3**	**11**	**8.5**	**8.4**	**5.8**	**13**	**7.5**	**6.9**	**5.6**	**6.7**
1,1-dichloroethene	ug/L	0.5 U	1 U	**18 J**	**17**	**19 J**	**11 J**	**27**	**19**	**18**	**15**	**23**	**12**	**13**	**12**	**13 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.22 J**	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	2.2 U	2 U	20 R	NR	2 U	**5.3**	**3.9**	**3.8**	2 U	2 U	**3.8**	2 UL		2.0 U	
2-butanone	ug/L	5 U	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	10 U	5 U	5 U	0.5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 UJ	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.12 J**	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	**0.21 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	1 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.66 U**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	**6.4**	**3.5**	**3.5**	**2.4**	**5.1**	**3.4**	**2.8**	**2.7**	**4.1**	**2.4**	**2.4**	**2.6**	**2.7**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U
Gases																
ethane	ug/L	12 U	2 U	12 U			U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	2 U	17 U			U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	10 U	2.6	10 U			**14.5**	2.0 U	10 U	4.3	10 U	2 U	2 U	2 U	2 U	
Metals																
arsenic	mg/L	0.008 U	0.008 U	**0.0145**	**0.047**		**0.03**	**18**	**0.036**	**0.016**	**0.013**	**0.018**	**0.0098**	**0.01**	0.008 U	
calcium	mg/L	**120**	**110**	**62.8**	**67**		**77**	**82**	**85**	**86**	**83**	**89**	**89**	**90**	**90**	
iron	mg/L	**1.6**	**2.8**	**5.1**	**21**		**5**	**3.3**	**18.0**	**12.0**	**12.0**	**8.6**	**9.5**	**8.7**	**6.0**	
manganese	mg/L	**0.52**	**0.52**	**0.196**	**0.41**		**0.23**	**0.075**	**0.53**	**0.31**	**0.28**	**0.37**	**0.16**	**0.04**	**0.03**	
sodium	mg/L	**14.0**	**14.0**	**8.26**	**7.4**		**6.7**	**7**	**6.8**	**6.8**	**7.2**	**6.3**	**7.1**	**7.1**	**7.4**	
Wet Chemistry																
chloride	mg/L	**30**	**54**	**22.8**	**11**		**1.9**	**27**	**11**	**29**	**30**	**39**	**31**	**33**	**34**	
nitrate as N	mg/L	0.05 U	**0.072**	**0.17**	0.05 U		0.05 U	**0.4**	0.1 U	0.1 U	0.05 U	**0.3**	**0.16**	**0.19**	**0.18**	
nitrite as N	mg/L	0.05 U	0.05 U	0.08 U	0.05 U		0.05 U	0.05 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.052	0.05 U	
sulfate as SO4	mg/L			**21.1**												
carbon dioxide	mg/L			**166**												
alkalinity carbonate	mg/L	**270**	**270**		1 U		**230**	**220**	**240**	**240**	**230**	**230**	**220**	**250**	1 U	
total alkalinity	mg/L	**270**	**271**	**175**	**200**		**230**	**220**	**240**	**240**	**230**	**230**	**220**	**240**	**250**	
total organic carbon	mg/L	1.0 U	**1.8**	**1.7**	1 U		1 U	1 U	1 U	**1.4**	1 U	1 U	1 U	1 U	1 U	
sulfide	mg/L	0.01 U	0.01 U	**0.96**	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.015	0.01 U	
Purge Parameters																
color	Visual	Cloudy	Cloudy	Clear	Brown	Clear	Clear	Orange cloudy	Red Cloudy	Red Cloudy	Rusty Red	Sl Rd Cl	Red Cloudy	Sl. Cloudy	Clear	Clear
conductivity	µmhos/cm	**675**	**602**	**345**	**414**	**521**	**530**	**377**	**457**	**463**	**418**	**486**	**501**	**419**	**336**	**526**
dissolved oxygen	mg/L	**0.26**	**3.97**	**1.69**	**0.46**	**0.72**	**0.62**	**0.62**	**0.4**	**0.61**	**2.48**	**1.42**	**0.75**	**2.45**	**2.53**	**1.38**
ferrous iron	mg/L	**1.07**	**1.37**	**2.43**	**3.3**	NA	**0.02**	**0.07**	**3.3**	**3.3**	**2.74**	**0.1**	**0.06**	**3.3**	**2.93**	**0.09**
flow rate	mL/min	**100**	**200**	**100**	**100**	**100**	**100**	**600**	**100**	**150**	**100**	**100**	**150**	**100**	**100**	**100**
gallons purged	gal	**4.75**	**0.75**	NA	**5.5**	**4.75**	**4.5**	**16.75**	**11.5**	**5.25**	**2.5**	**1.25**	**3**	**>1.5**	**1.65**	**>5.50**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**-53.5**	**38.3**	**-101.4**	**-102.5**	**-68.2**	**-88.8**	**66**	**-81.2**	**-50.7**	**-79.3**	**166.2**	**199.5**	**144.6**	**135.2**	**72.7**
pH	pH unit	**6.58**	**6.54**	**7.54**	**6.86**	**6.83**	**6.76**	**6.15**	**6.66**	**6.52**	**7.00**	NA	**5.89**	**7.07**	**7.00**	**7.23**
temperature	degrees C	**14.65**	**13.24**	**11.73**	**11.89**	**9.97**	**12.88**	**10.35**	**13.47**	**16.09**	**10.72**	**12.62**	**15.84**	**7.79**	**12.2**	**15.88**
turbidity	NTU	**55.0**	**650.0**	**36.0**	**148.0**	**28.0**	**11.0**	**37.0**	**140.0**	**60.0**	**56.1**	**60.0**	**79.8**	**54.2**	**42.1**	**21.2**
water level	feet	**21.03**	**16.89**	**14.81**	**31.33**	**30.00**	**42.12**	**26.89**	**31.05**	**46.70**	**9.43**	**77.26**	**51.67**	**49.39**	**43.31**	**64.85**

Highlighted values exceed cleanup standards for contaminants of concern (5 ug/l for primary COCs, 50 ug/l for 1,4-dioxane)

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-11C 10/23/2006 NORM	MW-11C 4/11/2007 NORM	MW-11C 11/30/2007 NORM	MW-11C 4/9/2008 NORM	MW-11C 7/16/2008 NORM	MW-11C 10/22/2008 NORM	MW-11C 1/30/2009 NORM	MW-11C 5/8/2009 NORM	MW-11C 7/15/2009 NORM	MW-11C 10/19/2009 NORM	MW-11C 10/14/2010 NORM	MW-11C 6/9/2011 NORM	MW-11C 1/21/2013 NORM	MW-11C 11/6/2013 NORM	MW-11C 10/14/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	**16**	**19**	**12**	**6**	**10**	**11**	**13**	**11**	**7.3**	**5.6**	**9.1**	**12**	**5.5**	**4.4**	**3.2**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**3**	**5**	**2**	**1.3**	**1.8**	**2**	**2.6**	**2.2**	**2.1**	**1.5**	**2.3**	**2.2**	**1.3**	**1.1**	**1.2**
1,1-dichloroethene	ug/L	**11**	**18**	**8.2**	**4.4**	**6.1 J**	**9.2**	**12**	**9**	**6.7**	**4**	**8.1**	**10**	**6.5**	**5.2 K**	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2.1 U	**1.9 J**	**3.2**	2.1 U		2.2 U	2 U	2 U	2.2 U	2 UL	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.19 J**	0.5 U	0.5 U	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
trichloroethene	ug/L	**2.4**	**3.3**	**1.7**	**1.1**	**1.3**	**1.6**	**2.2**	**1.8**	**1.9**	**1.5**	**2**	**1.5**	**1.2**	**1.1**	**0.95**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	0.5 U
Gases																
ethane	ug/L	12 U			U	U	U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U	U	1 U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	10 U			**1.41**	U	**9.8**	2.0 U	10 U	15	10 U	**6.3**	**11**	**6.96**	2 U	
Metals																
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**97.3**	**80**		**86**	**83**	**87**	**96**	**95**	**93**	**110**	**97**	**90**	**98**	**98**	
iron	mg/L	**0.605**	**1.6**		**1.4**	**1.0**	**1**	**1.8**	**1.2**	**1.9**	**1.4**	**1.1**	**0.1**	**0.95**	**0.37**	
manganese	mg/L	**0.019**	**0.033**		**0.036**	**0.053**	**0.035**	**0.044**	**0.021**	**35**	**0.031**	**0.054**	**0.0084**	**0.044**	**0.019**	
sodium	mg/L	**19.6**	**16**		**18**	**14**	**14**	**12**	**15**	**23**	**22**	**18**	**12**	**12**	**12**	
Wet Chemistry																
chloride	mg/L	**81.1**	**44**		**15**	**33**	**1.9**	**51**	**18**	**66**	**89**	**62**	**44**	**56**	**61**	
nitrate as N	mg/L	**0.54**	**0.29**		**0.28**	**0.19**	**0.32**	**0.49**	**0.42**	**0.56**	**0.27**	**0.6**	**0.47**	**0.4**	**0.32**	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**30.6**														
carbon dioxide	mg/L	**216**														
alkalinity carbonate	mg/L		1 U		240	230	**240**	**240**	**240**	**240**	**250**	**250**	**220**	**240**	1 U	
total alkalinity	mg/L	**220**	**200**		**240**	**230**	**240**	**240**	**240**	**240**	**250**	**250**	**220**	**240**	**250**	
total organic carbon	mg/L	**0.8**	1 U		1 U	1.8 U	1 U	1.0 U	1 U	**1.4**	1 U	1 U	1 U	1 U	1 U	
sulfide	mg/L	**0.64**	0.01 U		0.01 U	0.01 U	0.01 U	0.010 U	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 L	0.01 U	
Purge Parameters																
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**569**	**486**	**809**	**621**	**514**	**579**	**420**	**543**	**531**	**646**	**603**	**498**	**487**	**385**	**600**
dissolved oxygen	mg/L	**2.42**	**2.17**	**1.23**	**0.9**	**0.79**	**1.82**	**2.08**	**0.84**	**0.95**	**2.73**	**1.53**	**0.93**	**1.98**	**1.53**	**0.98**
ferrous iron	mg/L	**0.06**	**0.23**	NA	**0.02**	**0.23**	0	**0.07**	NA	**0.25**	**0.03**	**0.09**	**0.09**	**0.04**	**0.18**	**0.77**
flow rate	mL/min	**100**	**100**	**100**	**100**	**150**	**100**	**150**	**175**	**150**	**200**	**100**	**250**	**100**	**100**	**100**
gallons purged	gal	**1.5**	**3.25**	**4.25**	**6.75**	**5**	**7.6**	**2.2**	**4**	**3**	**3.25**	**1**	**4.5**	**1.75**	**2.5**	**1.5**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**29.2**	**106.6**	**174.8**	**57.1**	**35.3**	**71**	**59.8**	**-75**	**38.2**	**27.7**	**115.3**	**208.3**	**150.1**	**89.6**	**128.8**
pH	pH unit	**7.30**	**6.51**	**6.71**	**6.63**	**6.95**	**6.95**	**6.72**	**6.37**	**6.16**	**6.78**	NA	**5.51**	**7.01**	**6.95**	**7.31**
temperature	degrees C	**12.01**	**10.80**	**10.27**	**11.9**	**17.15**	**11.98**	**7.7**	**14.19**	**13.68**	**14.09**	**13.82**	**14.26**	**8.42**	**11.9**	**14.41**
turbidity	NTU	**5.1**	**8.11**	**4.7**	**14**	NA	**3.7**	**19**	**16**	**16**	**8.8**	**27.0**	**3.9**	**7.3**	**12.8**	**8.94**
water level	feet	**17.11**	**34.21**	**36.63**	**44.18**	**71.21**	**60.97**	**27.59**	**36.39**	**47.99**	**11.05**	**79.06**	**53.71**	**51.59**	**45.87**	**65.91**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-12B 10/27/2006 NORM	MW-12B 4/10/2007 NORM	MW-12B 11/27/2007 NORM	MW-12B 4/15/2008 NORM	MW-12B 7/17/2008 NORM	MW-12B 10/22/2008 NORM	MW-12B 1/30/2009 NORM	MW-12B 5/11/2009 NORM	MW-12B 7/10/2009 NORM	MW-12B 10/8/2009 NORM	MW-12B 10/20/2010 NORM	MW-12B 6/7/2011 NORM	MW-12B 1/22/2013 NORM	MW-12B 11/4/2013 NORM	MW-12B 10/9/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	**76 J**	**72**	**26**	**18**	**7**	**9.6**	**3.4**	**21**	**19**	**19**	**16**	**8.6**	**5.3**	**3.4**	**2.5**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.48 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**31 J**	**29**	**6.2**	**8.8**	**2.4**	**3.2**	**1.3**	**17**	**16**	**16**	**9.2**	**5.9**	**5.7**	**3.2**	**3.2**
1,1-dichloroethene	ug/L	**47 J**	**56**	**15**	**15J**	**3.4 J**	**6.7**	**3.1**	**29**	**27**	**30**	**14**	**11**	**11**	**6.0**	**5.2**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.45 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**31 J**	NR	2.1 U	**9.8**	2.1 U	2.1 U	2.1 U	**5**	**3.5**	**8.2**	2.2 U	2.1 UL	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.044**	5 U	10 U	5 U	5 U	0.5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	0.5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.17 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.34 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.44 J**	0.5 U	0.5 U	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	**14**	**13**	**4.3**	**5.2**	**1.3**	**1.9**	**1**	**6.3**	**5.9**	**7.3**	**3.5**	**3**	**2.8**	**1.4**	**1.4**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases																
ethane	ug/L	12 U			U	U	U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U	U	U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	10 U			**0.645**	**39.4**	**69**	2.0 U	10 U	2 U	10 U	2 U	2 U	41.6	**173**	
Metals																
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**78.6**	**75**		**81**	**72**	**78**	**82**	**88**	**91**	**82**	**80**	**92**	**84**	**78**	
iron	mg/L	**0.301**	**0.54**		**0.69**	**0.47**	**0.65**	**1.4**	**0.5**	**0.52**	**1.2**	**1.5**	**0.6**	**0.72**	**0.54**	
manganese	mg/L	0.005 U	**0.012**		**0.028**	**0.019**	**0.17**	**0.069**	**0.016**	**0.055**	**0.035**	**0.054**	**0.022**	**0.021**	**0.026**	
sodium	mg/L	**7.67**	**7.9**		**8.7**	**9.1**	**11**	**29**	**19**	**19**	**10**	**14**	**35**	**26**	**12**	
Wet Chemistry																
chloride	mg/L	**21.9**	**15**		**2.3**	**21**	**1.9**	**51**	**28**	**42**	**23**	**33**	**62**	**50**	**24**	
nitrate as N	mg/L	**0.63**	**0.48**		**1.5**	**0.49**	**0.61**	**0.95**	**0.69**	**0.61**	**0.54**	**0.51**	**1.0**	**1.0**	**0.49**	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**33**														
carbon dioxide	mg/L	**210**														
alkalinity carbonate	mg/L		1 U		**210**	**200**	**210**	**200**	**220**	**230**	**220**	**220**	**190**	**210**	1 U	
total alkalinity	mg/L	**208**	**210**		**210**	**200**	**210**	**200**	**220**	**230**	**220**	**220**	**190**	**210**	**230**	
total organic carbon	mg/L	**1**	1 U		1 U	**2**	**1.8**	**1.7**	1 U	**2.1**	1 U	1 U	**1.9**	**1.5**	**1.2**	
sulfide	mg/L	**0.8**	0.01 U		**0.014**	**0.013**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.046**	0.01 U	0.01 U	
Purge Parameters																
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**424**	**388**	NA	**488**	**386**	**652**	**397**	**481**	**540**	**454**	**476**	**631**	**455**	**393**	**511**
dissolved oxygen	mg/L	**1.78**	**1.3**	**0.94**	**1.64**	**0.56**	**0.6**	**1.55**	**0.79**	**0.86**	**2.18**	**1.31**	**1.62**	**2.48**	**1.56**	**0.84**
ferrous iron	mg/L	**0.08**	**0.16**	NA	**0.03**	**0.05**	**0.1**	**0.05**	**0.06**	**0.17**	0	0	**0.03**	**0.03**	**0.15**	**0.62**
flow rate	mL/min	**100**	**120**	**150**	**100**	**100**	**350**	**100**	**150**	**150**	**200**	**100**	**100**	**150**	**100**	**100**
gallons purged	gal	**1.25**	**3**	**3**	**4**	**5.60**	**7.6**	**2.70**	**3.25**	**2.75**	**5.00**	**1.75**	**2.00**	**1.75**	**2.75**	**2.00**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**130.2**	**125.8**	**146.7**	**91.5**	**74.7**	**118.7**	**70.9**	**-36.5**	**43.6**	**44.4**	**216.4**	**163.3**	**155.4**	**89.9**	**90.7**
pH	pH unit	**7.20**	**6.20**	**6.47**	**6.56**	**6.61**	**6.55**	**6.22**	**6.28**	**6.12**	**6.67**	**6.49**	**6.03**	**6.71**	**6.61**	**6.97**
temperature	degrees C	**12.56**	**7.99**	**11.57**	**11.81**	**16.96**	**11.99**	**6.55**	**12.74**	**15**	**16.59**	**13.57**	**17.67**	**8.26**	**11.8**	**15.67**
turbidity	NTU	**7.0**	**6.88**	**15.6**	**7.9**	NA	**9.3**	**11**	**6.8**	**1**	**14.1**	**20.0**	**10.4**	**5.8**	**4.38**	**6.83**
water level	feet	**9.06**	**10.25**	**10.18**	**12.3**	**25.48**	**21.76**	**10.12**	**10.56**	**11.24**	**7.26**	**27.08**	**15.05**	**13.85**	**20.22**	**37.74**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-13B 4/11/2006 NORM	MW-13B 10/25/2006 NORM	MW-13B 4/13/2007 NORM	MW-13B 11/30/2007 NORM	MW-13B 4/17/2008 NORM	MW-13B 10/30/2008 NORM	MW-13B 2/4/2009 NORM	MW-13B 5/1/2009 NORM	MW-13B 7/10/2009 NORM	MW-13B 10/9/2009 NORM	MW-13B 10/14/2010 NORM	MW-13B 6/9/2011 NORM	MW-13B 1/25/2013 NORM	MW-13B 11/12/2013 NORM	MW-13B 10/9/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2.1 U	2 U	2.1 U	2.2	2.1 U	2 U	2 U	2.1 U	2 UL	NA	2.0 U	NA
2-butanone	ug/L	5 R	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 R	5 U	5 U J	5 U	5 U	10 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 R	5 U	5 U	5 U	5 U	10 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 R	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	**1.1**	0.5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.33**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-dichloroethene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 R	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
ethylbenzene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 R	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 R	0.5 U	0.5 U	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 UL	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
methylene chloride	ug/L	**0.93 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 R	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U
trichloroethene	ug/L	0.5 R	0.5 U	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 R	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Gases																
ethane	ug/L	12 U	12 U			U	1 U	4.0 U J	12U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	1 U	4.0 U J	17U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**15.3**	**15.6**			**45.1**	**46 J**	**37 J**	**26.3**	**41**	**25.7**	**71**	**65**	**52.8**	**50.6**	
Metals																
arsenic	mg/L	**0.0143**	**0.0152**	0.016 U		**0.013**	**0.011**	**0.014**	**0.014**	**0.011**	**0.011**	**0.013**	**0.013**	**0.013**	**0.011**	
calcium	mg/L	**37.2**	**37.8**	**35**		**38**	**33**	**34**	**33**	**32**	**33**	**30**	**30**	**27**	**28**	
iron	mg/L	**1.64**	**1.74**	**1.6**		**1.6**	**1.3**	**1.4**	**1.4**	**1.2**	**1.3**	**1.2**	**1.1**	**1.1**	**1.0**	
manganese	mg/L	**0.092**	**0.098**	**0.087**		**0.089**	**0.085**	**0.083**	**0.08**	**71**	**0.08**	**0.078**	**0.072**	**0.067**	**0.063**	
sodium	mg/L	**21.5**	**21.3**	**21**		**20**	**20**	**21**	**21**	**21**	**21**	**20**	**21**	**19**	**21**	
Wet Chemistry																
chloride	mg/L	**18.6**	**20.1**	**16**		**20**	**17**	**18**	**23**	**20**	**20**	**19**	**19**	**18**	**19**	
nitrate as N	mg/L	**0.1 U**	0.1 U	0.05 U		0.05 U	0.05 U J	0.05 U	0.05 U	0.05 U	**0.074**	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**39.9**	**36.1**													
carbon dioxide	mg/L	**104**	**111**													
alkalinity carbonate	mg/L			1 U		**110**	**110**	**100**	**100**	**110**	**98**	**110**	**89**	**78**	1 U	
total alkalinity	mg/L	**111**	**115**	**110**		**110**	**110**	**100**	**100**	**110**	**98**	**110**	**89**	**78**	**90**	
total organic carbon	mg/L	**0.4**	**0.9**	1 U		1 U	1 U	1 U	**3.3**	**1.2**	1 U	1 U	1 U	1 U	1 U	
sulfide	mg/L	**0.96**	**0.48**	0.01 U		0.01 U	0.01 U	0.01 U L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**267**	**275**	NA	**398**	**236**	**384**	**248**	**232**	**229**	**231**	**254**	**230**	**236**	**159**	**275**
dissolved oxygen	mg/L	**3.95**	**0.35**	**0.06**	**0.03**	**0.03**	**0.17**	**0.01**	**0.08**	**0.22**	**0.68**	**0.17**	**0.51**	**0.7**	**0.48**	**0.10**
ferrous iron	mg/L	**1.64**	**1.54**	**1.73**	NA	**1.5**	**0.04**	**1.53**	NA	**1.15**	**1.21**	**1.31**	**1.06**	**1.21**	**1.04**	**1.03**
flow rate	mL/min	NA	NA	**100**	**2700**	**2800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9	NA	NA
odor	Olfactory	None	None	None	None	Present	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**-36.9**	**-153.9**	**0.281**	**-61.3**	**-88.5**	**-99.4**	**-37.1**	**-62.5**	**-5.9**	**-93.3**	**8.3**	**49.5**	**-75.1**	**259.4**	**-83.0**
pH	pH unit	**7.30**	**7.86**	**6.72**	**6.98**	**6.64**	**6.95**	**7**	**6.06**	**6.02**	**6.98**	NA	**4.93**	**7.22**	**7.32**	**7.27**
temperature	degrees C	**10.63**	**11.09**	**9.89**	**11.00**	**10.74**	**11.04**	**10.64**	**10.81**	**10.81**	**11.33**	**11.41**	**11.36**	**10.65**	**11.1**	**10.80**
turbidity	NTU	**0.83**	**0.0**	**2.1**	**0.0**	**7.1**	**0.8**	**3.7**	**1.1**	**5.3**	**0.43**	**1.5**	**2.9**	**3**	**5.30**	**4.36**
water level	feet	Artesian	Artesian	Artesian	NA	Artesian	Artesian	Artesian	NA	NA	NA	NA	NA	NA	NA	NA

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-14B 4/11/2006 NORM	MW-14B 10/19/2006 NORM	MW-14B 4/6/2007 NORM	MW-14B 11/27/2007 NORM	MW-14B 4/8/2008 NORM	MW-14B 7/15/2008 NORM	MW-14B 10/21/2008 NORM	MW-14B 1/27/2009 NORM	MW-14B 4/29/2009 NORM	MW-14B 7/8/2009 NORM	MW-14B 10/6/2009 NORM	MW-14B 10/13/2010 NORM	MW-14B 4/26/2011 NORM	MW-14B 6/2/2011 NORM	MW-14B 1/22/2013 NORM	MW-14B 11/11/2013 NORM	MW-14B 10/15/2014 NORM
Volatile Organics																		
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	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-trichloro-1,2,2-trifluoroethar	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5U	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	ug/L	**0.67**	**0.72**	**0.82**	**0.76**	**0.74**	**2**	**2.2**	**1.5**	**1.3**	**1.2**	**1.3**	**3.1**	**2.5**	0.5 U	1.9	**1.9**	**1.4**
1,1-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	**0.3 J**	**0.24 J**	0.5 U J	**0.88**	**0.58**	0.5 U	0.5 U	0.5 U	**2.2**	**1.4**	0.5 U	1.9	**1.6**	**1.4**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,4-dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,4-dioxane	ug/L	20 R	2 U	NR	2.1 U	**1.6 J**	**3.9**	2.1 U	2.1 U	2.1 U	2.1 U	**2.5**	2 U	2.2 U	2 UL	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
chloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 J	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	**0.2 J**	0.5 U	0.5 U	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 UL	1 UJ	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.54 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	1 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	**0.68**	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases																		
ethane	ug/L	12 U	12 U		2.0 U	U	**0.292 J**	U	2 U	12 U	2 U	12 U	2 U	2 U	**13**	**2 U**	2 U	
ethene	ug/L	17 U	17 U		2.0 U	U	U	1 U	2 U	17 U	2 U	17 U	2 U	2 U	3 U	2 U	2 U	
methane	ug/L	**19.8**	**78.6**		2.0 U	**28.5**	**116**	**67**	2 U	**24.7**	**38**	**51.2**	**170**	**260**	**17000**	**136**	**109**	
Metals																		
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**45.3**	**44.9**	**44**		**52**	**51**	**46**	**49**	**55**	**53**	**53**	**55**	**51**	**50**	**54**	**51**	
iron	mg/L	**2.95**	**2.66**	**2.7**		**4.9**	**7.9**	**5.6**	**4.1**	**8.3**	**5.7**	**4.4**	**5.6**	**5.1**	**6.1**	**8.5**	**7.6**	
manganese	mg/L	**0.303**	**0.316**	**0.33**		**0.39**	**0.47**	**0.38**	**0.38**	**0.049**	**0.4**	**0.41**	**0.43**	**0.41**	**0.45**	**0.55**	**0.48**	
sodium	mg/L	**20.3**	**18.8**	**19**		**21**	**24**	**22**	**23**	**26**	**26**	**25**	**24**	**24**	**23**	**25**	**23**	
Wet Chemistry																		
chloride	mg/L	**51.7**	**51.8**	**38**	**49**	**10**	**5.1**	**46**	**49**	**68**	**55**	**47**	**48**	2 U	**47**	**45**	**46**	
nitrate as N	mg/L	0.1 U	0.1 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.11**	0.05 U	0.05 U	**0.27**	**0.05 U**	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**19.1**	**17**															
carbon dioxide	mg/L	**108**	**152**															
alkalinity carbonate	mg/L			1 U		**140**	**150**	**150**	**150**	**150**	**160**	**150**	**180**	**150**	**150**	**180**	1 U	
total alkalinity	mg/L	**115**	**121**	**130**	**150**	**140**	**150**	**150**	**150**	**150**	**160**	**150**	**180**	**150**	**150**	**180**	**170**	
total organic carbon	mg/L	**0.6**	**0.9**	1 U	**1.1**	1 U	**1.6**	**1.5**	**1.1**	**1**	**3.3**	1 U	1 U	**1.3**	1 U	1.3	1 U	
sulfide	mg/L	**0.96**	**0.32**	0.01 U	0.010 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																		
color	Visual	Clear	Clear	Clear		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**386**	**380**	**324**		**495**	**442**	**503**	**361**	**396**	**446**	**409**	**440**	**414**	**385**	**364**	**292**	**477**
dissolved oxygen	mg/L	**1.43**	**0.64**	**0.4**		**0.8**	**0.52**	**0.64**	**0.99**	**0.65**	**0.81**	**1.24**	**0.68**	**0.72**	**0.36**	**1.98**	**0.75**	**0.41**
ferrous iron	mg/L	**2.13**	**2.66**	**2.77**		**2.88**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**1.88**	**3.3**	**3.17**	**3.3**	**3.3**	limit	limit
flow rate	mL/min	**150**	**100**	**100**		**100**	**100**	**100**	**200**	**100**	**150**	**100**	**100**	**100**	**300**	**100**	**90**	**100**
gallons purged	gal	**1.66**	**4.5**	**7.75**		**3.75**	**3.9**	**5.75**	**2.85**	**4.25**	**3.5**	**>3.50**	**2.25**	**2.25**	**7.5**	**>3.75**	**3.2**	**5**
odor	Olfactory	None	None	None		None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**18.6**	**-20.0**	**-2.9**		**-20.5**	**-81**	**-61.8**	**9.2**	**-58.2**	**-22.1**	**-49.7**	**-13.9**	**-72.5**	**20.5**	**-43.1**	**76.3**	**-66.6**
pH	pH unit	**6.42**	**6.47**	**6.32**		**6.25**	**6.7**	**6.7**	**6.51**	**6.75**	**6.3**	**6.79**	**NA**	**6.80**	**5.48**	**7.02**	**6.84**	**7.15**
temperature	degrees C	**17.29**	**14.74**	**8.75**		**12.83**	**17.92**	**13.08**	**7.67**	**12.27**	**15.91**	**15.74**	**14.6**	**16.45**	**13.23**	**7.76**	**14.1**	**15.16**
turbidity	NTU	**7.41**	**2.9**	**7.43**		**5.1**	**5.6**	**1.5**	**3.5**	**5.7**	**1.9**	**0.3**	**6**	**5.1**	**7.4**	**10.54**	**4.19**	**8.16**
water level	feet	**12.34**	**15.46**	**10.49**		**8.42**	**9.78**	**8.25**	**6.43**	**6.87**	**9.09**	**6.06**	**5.33**	**4.75**	**5.71**	**5.16**	**7.31**	**8.48**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-15B 10/30/2006 NORM	MW-15B 4/18/2007 NORM	MW-15B 11/29/2007 NORM	MW-15B 4/10/2008 NORM	MW-15B 7/22/2008 NORM	MW-15B 10/24/2008 NORM	MW-15B 2/2/2009 NORM	MW-15B 5/12/2009 NORM	MW-15B 7/14/2009 NORM	MW-15B 10/19/2009 NORM	MW-15B 10/19/2010 NORM	MW-15B 6/6/2011 NORM	MW-15B 1/18/2013 NORM	MW-15B 10/30/2013 NORM	MW-15B 10/10/2014 NORM
Volatile Organics																
1,1,1-trichloroethane	ug/L	**180 J**	**200**	**170**	**110**	**200**	**210**	**210**	**200**	**130**	**86**	**150**	**130**	**75**	**57**	**72**
1,1,2,2-tetrachloroethane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.44 J**	0.5 U	**0.31 J**	**0.23 J**	**0.33 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.23 J**
1,1-dichloroethane	ug/L	**25**	**30**	**25**	**17**	**24**	**25**	**24**	**25**	**24**	**14**	**21**	**21**	**15**	**13**	**13**
1,1-dichloroethene	ug/L	**38**	**60**	**43**	**35**	**81 J**	**55**	**54**	**50**	**39**	**30**	**49**	**20**	**33**	**26**	**36**
1,2,3-trichlorobenzene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	1 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	**0.13 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.16 J**
1,2-dichloropropane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	40 R	NR	**4**	**8.2**	**9.9**	**3.5**	**4.9**	**5.9**	**3.1**	**1.7 J**	**3.6**	**3.1**	NA	**2.8**	NA
2-butanone	ug/L	10 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	10 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	**0.21 J**	**0.21 J**	**0.26 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	1 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	**0.24 J**	**0.24 J**	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**9.1**
cyclohexane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	1 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	1 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	1 U	0.5 U	0.5 U	0.5 U	**0.11 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.38**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	1 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	**3.1**	**3.9**	**3.5**	**2.2**	**3.1**	**2.9**	**2.7**	**2.7**	**3**	**1.8**	**2.1**	**2.4**	**1.8**	**1.7**	**1.4**
trichlorofluoromethane	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases																
ethane	ug/L	12 U			U		1 U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	0.5 U
ethene	ug/L	17 U			U		1 U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	0.5 U
methane	ug/L	10 U			U		2 U	2.0 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U
Metals																
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**71.7**	**71**		**80**	**74**	**71**	**74**	**76**	**77**	**78**	**74**	**75**	**74**	**32**	
iron	mg/L	**0.714**	**0.46**		**0.33**	**0.3**	**0.35**	**1.4**	**0.52**	**0.93**	**0.62**	**0.79**	**0.34**	**0.26**	**0.2**	
manganese	mg/L	**0.013**	**0.0057**		**0.0052**	**0.005**	**0.0057**	**0.022**	**0.0088**	**0.014**	**0.0093**	**0.091**	**0.0054**	**0.005 U**	**0.0085**	
sodium	mg/L	**5.18**	**5.1**		**4.8**	**4.9**	**4.9**	**5**	**5**	**5.1**	**5.1**	**5.1**	**5.2**	**4.9**	**2.6**	
Wet Chemistry																
chloride	mg/L	**8.83**	**6.8**		**1.9**	**6.2**	1 U	**7.6**	**20**	**8.4**	**6.7**	**7.9**	**7.3**	**6**	**2.3**	
nitrate as N	mg/L	**0.18**	**0.13**		**0.18**	**0.14**	**0.15**	**0.16**	**0.21**	**0.21**	**0.85**	**0.16**	**0.17**	**0.15**	**0.58**	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.05 U	
sulfate as SO4	mg/L	**26.3**														
carbon dioxide	mg/L	**214**														
alkalinity carbonate	mg/L		1 U		**220**	**210**	**230**	**210**	**220**	**230**	**220**	**230**	**210**	**230**	1 U	
total alkalinity	mg/L	**210**	**210**		**220**	**210**	**230**	**210**	**220**	**230**	**220**	**230**	**210**	**230**	**89**	
total organic carbon	mg/L	**0.9**	1 U		1 U	1 U	**1.4**	1.0 U	1 U	**1.2**	1 U	1 U	1 U	1 U	1 U	
sulfide	mg/L	**0.8**	0.01 U		0.01 U	0.01 U	**0.016**	**0.016**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**412**	**385**	**557**	**375**	**351**	**495**	**323**	**363**	**380**	**377**	**389**	**385**	**352**	**444**	**399**
dissolved oxygen	mg/L	**2.06**	**9.6**	**2.77**	**1.4**	**0.75**	**0.76**	**1.49**	**1.01**	**1.46**	**4.32**	**1.25**	**1.22**	**1.77**	**1.27**	**1.36**
ferrous iron	mg/L	**0.26**	**0.31**	NA	**0.04**	0	**0.08**	**0.62**	**0.03**	0	0	**0.13**	**0.01**	**0.15**	**0**	**0**
flow rate	mL/min	**100**	**100**	**100**	**100**	**100**	**200**	**100**	**200**	**125**	**150**	**100**	**150**	**100**	**90**	**100**
gallons purged	gal	**1.0**	**2.75**	**4.25**	**4.75**	**7.7**	**12**	**2.2**	**4**	**3.75**	**2.75**	**1.25**	**1.75**	**<1.50**	**13.43**	**<1.25**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**116.2**	**77.3**	**230.1**	**27.2**	**55.3**	**52.3**	**101.5**	**-43.6**	**36.2**	**38.3**	**176.4**	**159.4**	**108.9**	**36.5**	**129.7**
pH	pH unit	**7.47**	**6.62**	**6.79**	**6.69**	**6.99**	**7.01**	**6.61**	**6.51**	**6.56**	**6.91**	**6.71**	**5.86**	**7.07**	**7.67**	**7.20**
temperature	degrees C	**11.94**	**9.57**	**10.29**	**12.56**	**11.81**	**10.05**	**7.43**	**10.53**	**12.15**	**12.49**	**11.96**	**12.17**	**8.03**	**12.99**	**11.2**
turbidity	NTU	**31.0**	**10.0**	**4.6**	**10**	**6.8**	**7.4**	**21.0**	**20.0**	**1.4**	**15.7**	**37.0**	**8.7**	**4.0**	**5.36**	**4.53**
water level	feet	**16.89**	**16.61**	**17.04**	**14.54**	**15.4**	**16.28**	**12.33**	**13.06**	**13.77**	**11.37**	**19.37**	**14.01**	**12.43**	**13.43**	**16.82**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-16 12/5/2007 NORM	MW-16 4/10/2008 NORM	MW-16 7/22/2008 NORM	MW-16 10/23/2008 NORM	MW-16 2/2/2009 NORM	MW-16 5/1/2009 NORM	MW-16 7/13/2009 NORM	MW-16 10/14/2009 NORM	MW-16 10/19/2010 NORM	MW-16 6/3/2011 NORM	MW-16 1/30/2013 NORM	MW-16 10/30/2013 NORM	MW-16 10/9/2014 NORM
Volatile Organics														
1,1,1-trichloroethane	ug/L	**140**	**1.1**	**96**	**110**	**26**	**2.3**	**1.4**	**130**	**69**	**1.7**	**5.6**	**35**	**23**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethar	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.41 J**	**0.5 U**	**0.37 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.13 J**
1,1-dichloroethane	ug/L	**11**	0.5 U	**9.4**	**11**	**2.4**	0.5 U	0.5 U	**13**	**8.3**	0.5 U	0.5 U	**3.3**	**3.3**
1,1-dichloroethene	ug/L	**53**	**0.54**	**71 J**	**54**	**13**	**1.3**	0.5 U	**56**	**41**	**0.94**	**4.1**	**21**	**20**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.34 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.14 J**
1,2-dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**5.1**	2 U	**12**	**4.9**	2 U	2.1U	2.1 U	2 U	**3.6**	2.1 UL	NA	**2.3**	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.12 J**	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.16 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.11 J**	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	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 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	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 UL	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	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 U	0.5 U	0.5 UJ	0.5 U	0.5 U
trichloroethene	ug/L	**8.8**	0.5 U	**7.9**	**8.4**	**1.9**	0.5 U	0.5 U	**7.4**	**5.9**	0.5 U	0.65	**3.2**	**3.3**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
Gases														
ethane	ug/L		U		U	2 U	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L		U		U	2 U	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L		**1.54**		2 U	2 U	10 U	2 U	10 U	2 U	2 U	2 U	2 U	
Metals														
arsenic	mg/L		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	**0.011 J**	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L		**22**	**42**	**43**	**33**	**24**	**28**	**45**	**38**	**25**	**29**	**73**	
iron	mg/L		**0.06**	**0.2**	0.075	**0.61**	**0.1**	**0.19**	**0.13**	**0.51**	**0.093**	**0.3**	**0.57**	
manganese	mg/L		**0.005 U**	**0.005 U**	0.005 U	**0.012**	0.005 U	0.005 U	0.005 U	**0.0092**	**0.0066**	**0.0087**	**0.008**	
sodium	mg/L		**1.60**	**3.00**	**3.0**	**2.5**	**1.9**	**2.1**	**3.3**	**2.7**	**1.9**	**2.1**	**5.1**	
Wet Chemistry														
chloride	mg/L		**1.9**	**3.3**	**2.8**	**2**	**7.4**	**1.6**	**5.3**	**3.5**	**1.6**	**1.8**	**6.1**	
nitrate as N	mg/L		**0.14**	**0.22**	**0.051**	**0.27**	**0.25**	**0.25**	**0.37**	**0.24**	**0.77**	**0.76**	**0.14**	
nitrite as N	mg/L		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.78**	**0.025 U**	0.05 U	
sulfate as SO4	mg/L													
carbon dioxide	mg/L													
alkalinity carbonate	mg/L		**57**	**110**	**120**	**89**	**62**	**78**	**120**	**110**	**59**	**83**	1.0 U	
total alkalinity	mg/L		**57**	**110**	**120**	**89**	**62**	**78**	**120**	**110**	**59**	**83**	**220**	
total organic carbon	mg/L		1 U	**1.2**	**1.1**	**1.3**	**1.2**	**2**	1 U	1 U	**1.6**	**1.2**	1.0 U	
sulfide	mg/L		0.01 U	0.01 U	0.01 U	**0.014**	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters														
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	Cloudy	Clear	Clear	Clear
conductivity	µmhos/cm	**312**	**104**	**249**	**292**	**151**	**131**	**146**	**210**	**202**	**126**	**151**	**189**	**206**
dissolved oxygen	mg/L	**1.85**	**4.39**	**2.58**	**2.01**	**3.81**	**2.76**	**3.48**	**4.33**	**2.31**	**3.34**	**4.54**	**2.88**	**2.41**
ferrous iron	mg/L	NA	**0.02**	**0.19**	**0.13**	**0.13**	**0.09**	**0.15**	**0.05**	**0.17**	**0.02**	**0.32**	**0.05**	**0.05**
flow rate	mL/min	**100**	**100**	**100**	**250**	**100**	**250**	**100**	**150**	**100**	**150**	**100**	**80**	**100**
gallons purged	gal	**4**	**4**	**4.3**	**6.5**	**2.1**	**4.25**	**2.5**	**2.25**	**1.5**	**2.5**	**>3.50**	**2.5**	**1.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**150.1**	**162**	**71.4**	**119.3**	**132.5**	**0.5**	**119.2**	**72.2**	**138.2**	**222.8**	**85.5**	**39.1**	**138.2**
pH	pH unit	**6.38**	**5.72**	**6.52**	**6.41**	**5.82**	**5.39**	**5.24**	**6.25**	**6.29**	**4.73**	**6.42**	**6.78**	**6.61**
temperature	degrees C	**10.68**	**11.16**	**15.26**	**12.77**	**9.47**	**11.65**	**13.44**	**11.25**	**13.02**	**13.07**	**8.25**	**12.24**	**13.93**
turbidity	NTU	**2.6**	**4.5**	**5.4**	**1.2**	**11**	**3.5**	**1.4**	**9.9**	**50.0**	**5.2**	**9.2**	**6.71**	**11.50**
water level	feet	**28.55**	**23.22**	**43.15**	**43.75**	**25.06**	**25.01**	**26.47**	**24.08**	**48.91**	**27.86**	**28.26**	**42.68**	**56.4**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-17-1 4/18/2006 NORM	MW-17-1 10/17/2006 NORM	MW-17-1 4/20/2007 NORM	MW-17-1 12/4/2007 NORM	MW-17-1 4/22/2008 NORM	MW-17-1 7/30/2008 NORM	MW-17-1 10/29/2008 NORM	MW-17-1 2/4/2009 NORM	MW-17-1 5/5/2009 NORM	MW-17-1 7/17/2009 NORM	MW-17-1 10/21/2009 NORM	MW-17-1 10/26/2010 NORM	MW-17-1 6/16/2011 NORM	MW-17-1 1/30/2013 NORM	MW-17-1 11/19/2013 NORM	MW-17-1 10/23/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	**70 J**	**79 J**	**80**	**77**	**74**	**64**	**73**	**62**	**63**	**46**	**34**	**48**	**34**	**25**	**22**	**22**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.46 J**	0.5 U	0.5 U	0.3 J	**0.29 J**	0.5 U	0.5 U	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	ug/L	**16**	**16**	**16**	**12**	**14**	**14**	**15**	**13**	**14**	**13**	**9.2**	**11**	**9.9**	**6.1**	**6.4**	**7.4**
1,1-dichloroethene	ug/L	**30 J**	**38 J**	**58**	**37**	**38**	**35 J**	**50**	**43**	**44**	**31**	**24 J**	**34**	**27**	**22**	**21**	**19**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.38 J**	0.5 U	0.5 U	0.5 U	**0.34 J**	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**8.4**	20 R	NR	**4.3**	**11**	**7.6**	**6.6**	**4**	**6**	**3.5**	**4.9**	**2.5**	**2.3**	NA	**2.6**	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.56**	0.5 U	**0.58**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	0.5 U	**0.21 J**	0.5 U	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.77 J**	**0.74 J**	**0.69**	**0.86 J**	**0.79 J**	**0.93 J**	**1.1**	**0.77**	**0.73**	0.5 U	**0.54**	**0.71**	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	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 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.34 J**	**0.39 J**	0.5 U	**0.21 J**	0.5 U	**0.15 J**	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
methylene chloride	ug/L	4.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
styrene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	**0.67**	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**7.6**	**7.9**	**8.4**	**6.4**	**7.5**	**6.9**	**6.7**	**7.2**	**7**	**6.4**	**5.4**	**5.2**	**5.1**	**4.4**	**4.1**	**3.8**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 UL	0.5 U
Gases																	
ethane	ug/L	12 U	12 U			U	U	1 U	2.0 U J	12 U	2 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	U	1 U	2.0 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**14.7**	10 U			**0.603**	**0.939**	2 U	**3.6 J**	10 U	2 U	10 U	2 U	2 U	2 U	2 U	
Metals																	
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**83.9**	**79.7**	**76**		**81**	**81**	**80**	**80**	**81**	**82**	**82**	**77**	**79**	**76**	**79**	
iron	mg/L	0.083 U	0.083 U	0.050 U		0.05 U	0.05 U	**0.051**	50 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
manganese	mg/L	0.005 U	0.005 U	0.005 U		0.005 U	0.005 U	**0.005 U**	5.0 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**8.5**	**8.03**	**8.7**		**8.4**	**8.3**	**8.2**	**8.4**	**8.7**	**8.8**	**8.9**	**8.4**	**8.9**	**8.6**	**9.3**	
Wet Chemistry																	
chloride	mg/L	**24.6**	**21.6**	**19**		**1.9**	**18**	**20**	**21**	**7.4**	**23**	**19**	**21**	**14**	**16**	**17**	
nitrate as N	mg/L	**1 J**	**0.97**	**0.88**		**0.9**	**0.94**	**0.91**	**0.93**	**0.89**	**0.92**	**1**	**0.87**	**0.9**	**0.86**	**0.72**	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**30.5**	**29.5**														
carbon dioxide	mg/L	**191**	**197**														
alkalinity carbonate	mg/L			1 U		**220**	**210**	**210**	**220**	**210**	**220**	**220**	**220**	**210**	**220**	1 U	
total alkalinity	mg/L	**195**	**203**	**210**		**220**	**210**	**210**	**220**	**210**	**220**	**220**	**220**	**210**	**220**	**230**	
total organic carbon	mg/L	**0.8**	**1**	1 U		1 U	1 U	1 U	1 U	1U	**1.4**	1 U	1 U	**1**	**1 U**	**1.2**	
sulfide	mg/L	**0.64**	0.2 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.022**	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																	
color	Visual	NA	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**396**	**463**	**427**	**59**	**344**	**356**	**599**	**389**	**383**	**551**	**378**	**409**	**362**	**366**	**213**	**421**
dissolved oxygen	mg/L	NA	NA	**2.47**	**3.03**	**3.48**	**4.3**	**4.87**	**2.8**	**3.37**	**4.1**	**7.09**	**6.78**	**2.81**	**3.74**	**1.67**	**1.76**
ferrous iron	mg/L	**0.04**	**0.05**	**0.19**	NA	0	NA	**0.35**	**0.05**	**0.04**	0	**0.18**	**0.11**	**0.04**	**0.3**	**0.00**	**0.40**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.75**	**0.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**12.9**	NA	**124.8**	**113.9**	**130.3**	**221.9**	**-52.6**	**67.8**	**-19.7**	**66.3**	**-3.2**	**86.2**	**40.6**	**31.7**	**134.9**	**20.3**
pH	pH unit	**6.89**	**7.85**	**6.90**	**5.94**	**5.76**	**5.36**	**6.88**	**7.33**	**6.38**	**5.96**	**6.87**	**6.79**	**6.32**	**7**	**7.10**	**7.32**
temperature	degrees C	**11.42**	**11.09**	**11.38**	**10.29**	**10.62**	**11.42**	**10.38**	**10.29**	**10.56**	**10.68**	**10.83**	**11.59**	**11.38**	**10.17**	**10.7**	**10.21**
turbidity	NTU	**1.7**	**0.0**	**0.35**	**0.15**	**0.9**	**1.8**	**0.55**	**2.5**	**1.1**	**5.5**	**0.26**	**0.25**	**1.8**	**2.34**	**0.87**	**2.92**
water level	feet	NA	NA	NA	NA	NA	NA	NA	**6.71**	NA	**7.5**	**7.00**	**17.42**	**10.58**	**8.6**	**10.8**	**21.7**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-17-2 4/18/2006 NORM	MW-17-2 10/17/2006 NORM	MW-17-2 4/20/2007 NORM	MW-17-2 12/4/2007 NORM	MW-17-2 4/22/2008 NORM	MW-17-2 7/30/2008 NORM	MW-17-2 10/29/2008 NORM	MW-17-2 2/4/2009 NORM	MW-17-2 5/5/2009 NORM	MW-17-2 7/17/2009 NORM	MW-17-2 10/21/2009 NORM	MW-17-2 10/26/2010 NORM	MW-17-2 6/16/2011 NORM	MW-17-2 1/30/2013 NORM	MW-17-2 11/19/2013 NORM	MW-17-2 10/23/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	**100 J**	**73 J**	**79**	**49**	**73**	**54**	**64**	**60**	**51**	**48**	**36**	**39**	**33**	**24**	**24**	**16**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethar	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.39 J**	0.5 U	0.5 U	**0.29 J**	**0.26 J**	0.5 U	0.5 U	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	ug/L	**15**	**18**	**16**	**15**	**16**	**15**	**17**	**17**	**17**	**16**	**12**	**12**	**12**	**9.5**	**10**	**9.7**
1,1-dichloroethene	ug/L	**50 J**	**37 J**	**50**	**26**	**36 J**	**32 J**	**47**	**45**	**35**	**33**	**26 J**	**32**	**30**	**25**	**27**	**19 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.36 J**	0.5 U	0.5 U	0.5 U	**0.27 J**	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 U	20 R	NR	**4.8**	**14**	**9.6**	**8.7**	**5.6**	**8.7**	**4.2**	**6.8**	**3.3**	**2.6**	NA	**3.5**	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.45 J**	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	0.5 U	**0.18 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	**0.12 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.4 J**	**1.7 J**	**1.7**	**1.4 J**	**1.5 J**	**1.5 J**	**1.7**	**2**	**1.6**	**1.1**	0.5 U	**1.2**	**0.95**	**0.83**	**0.77**	**0.94 J**
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	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 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.24 J**	**0.41 J**	0.5 U	**0.21 J**	**0.26 J**	**0.17 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
methylene chloride	ug/L	**1.9 U**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.19 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**4.5 J**	**5.8**	**5.4**	**5.3**	**5.5**	**4.8**	**5.4**	**5.3**	**5.5**	**5.7**	**4.1**	**4.2**	**4**	**3.7**	**3.7**	**2.8**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
Gases				0.5 U													
ethane	ug/L	12 U	12 U	0.5 U		U	U	1 U	2.0 U J	12 U	3.2	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U	0.5 U		U	U	1 U	2.0 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**2.5 J**	10 U	0.5 U		U	**14.2**	2 U	**3.6**	10 U	2 U	10 U	**2.2**	2 U	2 U	2 U	
Metals																	
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**84.2**	**80.9**	**74**		**79**	**79**	**77**	**80**	**77**	**78**	**82**	**76**	**77**	**73**	**78**	
iron	mg/L	**0.916**	**1.37**	**0.74**		**0.51**	**0.36**	**0.25**	**0.15**	**0.32**	**0.1**	**0.12**	**0.21**	**0.077**	**0.36**	**0.44**	
manganese	mg/L	**0.011**	0.005 U	**0.0074**		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	**0.0063**	
sodium	mg/L	**7.78**	**7.72**	**7.7**		**7.5**	**7.4**	**7.3**	**7.7**	**7.6**	**7.6**	**7.8**	**7.4**	**7.7**	**7.5**	**8.3**	
Wet Chemistry																	
chloride	mg/L	**21.8**	**23.2**	**20**		**1.4**	**2.3**	**1.9**	**20**	**20**	**22**	**18**	**21**	**14**	**16**	**17**	
nitrate as N	mg/L	**0.9 J**	**0.8**	**0.76**		**0.75**	**0.7**	**0.73**	**0.81**	**0.7**	**0.71**	**0.8**	**0.68**	**0.73**	**0.66**	**0.52**	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**31.3**	**28.9**														
carbon dioxide	mg/L	**182**	**201**														
alkalinity carbonate	mg/L			1 U		**210**	**210**	**210**	**210**	**210**	**220**	**220**	**220**	**210**	**210**	1 U	
total alkalinity	mg/L	**193**	**201**	**210**		**210**	**210**	**210**	**210**	**210**	**220**	**220**	**220**	**210**	**220**	**220**	
total organic carbon	mg/L	**0.7**	**1**	1 U		1 U	1 U	1 U	1 U	1 U	**2.1**	1 U	1 U	**1.0**	**1.0**	**1.1**	
sulfide	mg/L	**0.96**	0.2 U	0.01 U		0.01 U	0.012 U	0.01 U	0.01U	0.01 U	0.01 U	**0.023**	0.01 U	**0.01**	**0.01 U**	0.01 U	
Purge Parameters																	
color	Visual	NA	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**396**	**453**	**416**	**581**	**341**	**354**	**585**	**530**	**375**	**402**	**372**	**410**	**356**	**361**	**208**	**410**
dissolved oxygen	mg/L	NA	NA	**1.45**	**1.81**	**2.3**	**3.67**	**4.04**	**1.82**	**1.46**	**2.04**	**6.87**	**6.91**	**1.72**	**3.71**	**0.93**	**1.27**
ferrous iron	mg/L	**0.2**	**0.28**	**0.37**	NA	**0.02**	NA	**0.59**	0	**0.01**	**0.26**	**0.18**	**0.16**	0	0.02	**0.05**	**0.35**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.25**	**0.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**59.9**	NA	**130**	**138.2**	**176.6**	**312.7**	**6.3**	**216**	**3.9**	**54.2**	**5.3**	**159.3**	**75.1**	**68.4**	**155.2**	**66.7**
pH	pH unit	**7.70**	**7.65**	**6.94**	**6.14**	**5.86**	**5.21**	**6.86**	**7.36**	**6.41**	**6.58**	**7.03**	**6.94**	**6.1**	**7.01**	**7.06**	**7.36**
temperature	degrees C	**11.82**	**10.93**	**11.26**	**10.28**	**10.69**	**11.41**	**10.36**	**10.06**	**10.6**	**11.14**	**10.93**	**12.36**	**11.38**	**10.12**	**10.7**	**10.22**
turbidity	NTU	**29.0**	**16.9**	**4.5**	**11.0**	**9.9**	**7.8**	**7.6**	**11**	**1.1**	**7**	**5.11**	**13**	**3.8**	**9.67**	**8.24**	**2.18**
water level	feet	NA	NA	NA	NA	NA	NA	NA	**11.83**	NA	**12.25**	**11.92**	**21.46**	**15.5**	**13.7**	**15.5**	**25.61**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-17-3 4/18/2006 NORM	MW-17-3 10/17/2006 NORM	MW-17-3 4/20/2007 NORM	MW-17-3 12/4/2007 NORM	MW-17-3 4/22/2008 NORM	MW-17-3 7/30/2008 NORM	MW-17-3 10/29/2008 NORM	MW-17-3 2/4/2009 NORM	MW-17-3 5/5/2009 NORM	MW-17-3 7/17/2009 NORM	MW-17-3 10/21/2009 NORM	MW-17-3 10/26/2010 NORM	MW-17-3 6/16/2011 NORM	MW-17-3 1/30/2013 NORM	MW-17-3 11/19/2013 NORM	MW-17-3 10/23/2014 NORM
Volatile Organics																	
1,1,1-trichloroethane	ug/L	**63 J**	**65 J**	**73**	**56**	**71**	**51**	**59**	**56**	**50**	**41**	**36**	**37**	**30**	**28**	**24**	**17**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.29 J**	**0.34 J**	0.5 U	**0.26 J**	**0.26 J**	**0.24 J**	0.5 U	0.5 U	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	ug/L	**16 J**	**19**	**17**	**16**	**18 J**	**16**	**19**	**18**	**19**	**17**	**12**	**13**	**10**	**13**	**13**	**12**
1,1-dichloroethene	ug/L	**36 J**	**35 J**	**49**	**30**	**36 J**	**28 J**	**47**	**43**	**36**	**32**	**31 J**	**32**	**35**	**30**	**29**	**22 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	**0.34 J**	0.5 U	0.5 U	0.5 U	**0.26 J**	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 U	20 R	NR	**4.7**	**13**	**7.8 J**	**7.8**	**5.9**	**6.9**	**3.7**	**5.7**	**3.2**	2.2 U	NA	3.8	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.92**	**1.6**	**0.73**	**1**	0.5 U	**0.73**	**1.6**	**0.79**	0.5 U	**1.2**	0.5 U	**0.53**	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	**0.16 J**	0.5 U	0.5 U	**0.21 J**	**0.21 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	**0.09 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**5.7 J**	**5.8 J**	**5.8**	**5.5 J**	**5.6 J**	**6.2 J**	**6.5**	**5**	**6.6**	**5**	0.5 U	**4.9**	**4.1**	**4.4**	**3.8**	**3.6 J**
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	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 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.29 J**	**0.43 J**	0.5 U	**0.26 J**	**0.28 J**	**0.14 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
methylene chloride	ug/L	**1.3 U**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**2.4**	**2.1**	**1.6**	**1.2**	**1.2 U**	**1.6**	**1.1**	**0.83**	**0.88**	**0.88**	**0.61**	**0.63**	**0.53**	**1.1**	**1.1**	**1.1**
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**0.6**	**0.74**	**0.6**	**0.55**	**0.6**	**0.29 J**	0.5 U	**0.86**	0.5 U	**0.78**	**0.35 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UL	0.5 U
Gases																	
ethane	ug/L	12 U	12 U			U	U	1 U	2.0 U	12 U	2 U	12 U	2 U	2 U	2 UL	2 U	
ethene	ug/L	17 U	17 U			U	U	1 U	2.0 U	17 U	2 U	17 U	2 U	2 U	2 UL	2 U	
methane	ug/L	**42.2**	**20.5**			**46.6**	**4.83**	**56J**	**40 J**	**27.8**	**52**	**30.6**	**64**	**110**	**85.9**	**99.3**	
Metals																	
arsenic	mg/L	**0.0199**	**0.0092**	**0.016 U J**		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**83**	**78.4**	**74**		**79**	**80**	**76**	**79**	**78**	**78**	**82**	**75**	**77**	**72**	**76**	
iron	mg/L	**0.884**	**0.503**	**0.45**		**0.42**	**0.34**	**0.38**	**0.49**	**0.87**	**0.36**	**0.54**	**0.97**	**0.43**	**0.34**	**0.28**	
manganese	mg/L	**0.013**	0.005 U	**0.0086**		**0.008**	**0.0073**	**0.007**	**0.01**	**0.015**	**7.3**	**0.011**	**0.022**	**0.0095**	**0.0086**	**0.0093**	
sodium	mg/L	**12.9**	**10.6**	**12**		**11**	**10**	**9.4**	**10**	**10**	**9.8**	**12**	**13**	**12**	**11**	**11**	
Wet Chemistry																	
chloride	mg/L	**22.4**	**23.6**	**19**		**1 U**	**17**	**1.9**	**20**	**5.6**	**22**	**19**	**21**	**14**	**16**	**18**	
nitrate as N	mg/L	0.1 U	**0.73**	**0.6**		**0.71**	**0.63**	**0.66**	**0.71**	**0.68**	**0.65**	**0.71**	**0.56**	**0.65**	**0.53**	**0.45**	
nitrite as N	mg/L	**0.84 J**	0.08 U	**0.095**		**0.05 U**	**0.05 U**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**31.2**	**27.8**														
carbon dioxide	mg/L	**192**	**201**														
alkalinity carbonate	mg/L			1 U		**210**	**210**	**220**	**220**	**210**	**220**	**230**	**220**	**210**	**230**	1.0 U	
total alkalinity	mg/L	**199**	**207**	**210**		**210**	**210**	**220**	**220**	**210**	**220**	**230**	**220**	**210**	**230**	**220**	
total organic carbon	mg/L	**2.8**	**4.1**	1 U		1 U	**1.6**	**2.1**	**1.6**	**2**	**2.8**	**1.7**	1 U	**2.3**	**2.8**	**3.1**	
sulfide	mg/L	**0.96**	0.2 U	**0.024**		**0.035**	**0.01**	0.01 U	0.01 U	0.01 U	0.03	**0.018**	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																	
color	Visual	NA	Greyish	Clear		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**393**	**461**	**426**		**475**	**361**	**589**	**385**	**381**	**402**	**373**	**408**	**365**	**366**	**210**	**414**
dissolved oxygen	mg/L	NA	NA	**0.91**		**3.02**	**2.67**	**4.33**	**0.58**	**1.38**	**1.38**	**7.13**	**6.2**	**1.07**	**2.85**	**0.4**	**1.36**
ferrous iron	mg/L	**0.02**	**0.43**	**0.51**		**0.31**	NA	**0.54**	0	**0.29**	**0.58**	**0.53**	**0.58**	**0.28**	**0.3**	**0.50**	**0.02**
flow rate	mL/min	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.00**	**0.75**
odor	Olfactory	Sulfur	Sulfur	Sulfur		None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**13.5**	NA	**1.4**		**56.1**	**156.1**	**-12.8**	**38.8**	**-6.4**	**25.2**	**-21.2**	**82.7**	**69.4**	**-7.2**	**143.8**	**15.8**
pH	pH unit	**6.93**	**7.58**	**6.83**		**5.88**	**4.86**	**6.87**	**7.11**	**6.35**	**6.58**	**7.12**	**6.91**	**6.09**	**7.03**	**7.14**	**7.46**
temperature	degrees C	**11.73**	**10.96**	**11.48**		**10.62**	**11.71**	**10.33**	**10.35**	**10.56**	**10.97**	**10.86**	**12.04**	**11.3**	**10.14**	**10.6**	**10.25**
turbidity	NTU	**5.3**	**0.11**	**1.2**		NA	NA	**3.1**	**9.5**	**2.7**	**6.3**	**5.35**	**1.5**	**2.38**	**2.71**	**1.89**	**2.23**
water level	feet	NA	NA	NA		NA	NA	NA	**11.88**	**NA**	**12.25**	**12**	**21.5**	**15.54**	**13.9**	**15.6**	**25.71**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-18-1 4/12/2006 NORM	MW-18-1 11/1/2006 NORM	MW-18-1 4/19/2007 NORM	MW-18-1 12/4/2007 NORM	MW-18-1 4/21/2008 NORM	MW-18-1 10/29/2008 NORM	MW-18-1 2/9/2009 NORM	MW-18-1 5/15/2009 NORM	MW-18-1 7/20/2009 NORM	MW-18-1 10/21/2009 NORM	MW-18-1 10/27/2010 NORM	MW-18-1 6/16/2011 NORM	MW-18-1 11/20/2013 NORM	MW-18-1 10/24/2014 NORM
Volatile Organics															
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethar	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.32 J**	**0.3 J**	0.5 U	**0.32 J**	**0.38 J**	0.5 U	**0.73**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.61**
1,1-dichloroethene	ug/L	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2.1 U	**0.73 J**	2.1 U	2.1 U	2.3 U	2 U	2 U	2 U	2.2 U	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U J	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 UJ	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.5 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UL	0.5 U
Gases															
ethane	ug/L	12 U	12 U			U	1 U	10 U J	12 U	2 U	12 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	1 U	10 U J	17 U	2 U	17 U	2 U	2 U	2 U	
methane	ug/L	**63.9**	**33.1**			**41.5**	**75 J**	**140 J**	**115**	**200**	**135**	**470**	**320**	**437**	
Metals															
arsenic	mg/L	**0.0198**	**0.0248**	**0.024**	**0.024**	**0.013 J**	**0.011**	0.008 U	**0.022**	**0.026**	**0.023**	**0.012**	**0.021**	0.008 U	
calcium	mg/L	**42.7**	**43.7**	**41**	**41**	**45 J**	**43**	**45**	**45**	**45**	**46**	**41**	**42**	**43**	
iron	mg/L	**0.198**	**0.232**	**0.22**	**0.22**	**0.23 J**	**0.24**	**0.32**	**0.19**	**0.19**	**0.17**	**1.5**	**1.5**	**0.10**	
manganese	mg/L	**0.254**	**0.27**	**0.28**	**0.28**	**0.29 J**	**0.27**	**0.22**	**0.23**	**0.24**	**0.23**	**0.22**	**0.22**	**0.17**	
sodium	mg/L	**33**	**34**	**33**	**33**	**31 J**	**31**	**32**	**32**	**31**	**31**	**30**	**30**	**34**	
Wet Chemistry															
chloride	mg/L	**47.2**	**45**	**39**	**39**	**1.9**	**38**	**44**	**70**	**45**	**42**	**45**	**40**	**51**	
nitrate as N	mg/L	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.079**	0.05 U	0.077	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**13.4**	**14.5**												
carbon dioxide	mg/L	**134**	**144**												
alkalinity carbonate	mg/L			1 U	1 U	**150**	**150**	**150**	**150**	**160**	**150**	**150**	**140**	1.0 U	
total alkalinity	mg/L	**144**	**143**	**150**	**150**	**150**	**150**	**150**	**150**	**160**	**150**	**150**	**140**	**150**	
total organic carbon	mg/L	**0.6**	**1.5**	1 U	1 U	1 U	1 U	1 U	**1.5**	**2.1**	1 U	**4.3**	**5**	1.0 U	
sulfide	mg/L	**0.8**	0.2 U	**0.067**	**0.067**	**0.31**	**0.26**	**0.35**	**0.99**	**0.66**	**1.5**	**0.01**	**1.9**	**4.5**	
Purge Parameters															
color	Visual	NA	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**345**	**348**	**356**	**356**	**292**	**506**	**527**	**331**	**338**	**325**	**352**	**327**	**186**	**383**
dissolved oxygen	mg/L	NA	**1.44**	**1.32**	**1.32**	**1.74**	**1.56**	**0.36**	**0.96**	**0.65**	**3.52**	**8.64**	**0.92**	**0.19**	**0.90**
ferrous iron	mg/L	**0.029**	**0.3**	**0.4**	**0.4**	**0.26**	**0.66**	**0.29**	**0.31**	**0.28**	**0.54**	**1.25**	**0.59**	**0.02**	**0.03**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	**100**	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.25**	**1**
odor	Olfactory	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	None	Extreme Sulfur	Sulfur
ORP	MeV	**-79.1**	**-33.0**	**-115.7**	**-115.7**	**-68.3**	**-218.6**	**-81**	**-193.6**	**-78.1**	**-165.3**	**-138.5**	**-166.6**	**-41.1**	**-160.5**
pH	pH unit	**7.49**	**7.72**	**7.44**	**7.44**	**6.77**	**7.35**	**7.68**	**7.01**	**6.83**	**7.61**	**7.4**	**7.06**	**7.40**	**7.96**
temperature	degrees C	**11.23**	**10.85**	**10.77**	**10.77**	**10.44**	**10.03**	**6.81**	**11.17**	**10.88**	**10.84**	**11.68**	**12.61**	**10.4**	**10.38**
turbidity	NTU	**1.46**	**0.0**	**0.25**	**0.25**	**0.45**	**1.4**	**1.1**	**5.2**	**4.6**	**2.21**	**4.8**	**13.08**	**2.11**	**1.24**
water level	feet	NA	NA	NA	NA	NA	NA	NA	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-18-2 4/12/2006 NORM	MW-18-2 11/1/2006 NORM	MW-18-2 4/19/2007 NORM	MW-18-2 12/4/2007 NORM	MW-18-2 4/21/2008 NORM	MW-18-2 10/29/2008 NORM	MW-18-2 2/9/2009 NORM	MW-18-2 5/15/2009 NORM	MW-18-2 7/20/2009 NORM	MW-18-2 10/21/2009 NORM	MW-18-2 10/27/2010 NORM	MW-18-2 6/16/2011 NORM	MW-18-2 11/20/2013 NORM	MW-18-2 10/24/2014 NORM
Volatile Organics															
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethar	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	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	ug/L	**0.19 J**	**0.19 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.78**
1,1-dichloroethene	ug/L	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2 U	**0.98 J**	2.2 U	2.1 U	2 U	2.1 U	2 U	2.1 U	2.2 U	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 UJ	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.86 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UL	0.5 U
Gases															
ethane	ug/L	**7 J**	12 U			**0.601**	**1.5 J**	40 U J	12 U	2 U	12 U	2 U	2 U	2 U	
ethene	ug/L	17 U	17 U			U	1 U	40 U J	17 U	2 U	17 U	2 U	2 U	2 U	
methane	ug/L	**138**	**70.6**			**148**	**170 J**	**240**	**173**	**480**	**183**	**560 K**	**470**	**470**	
Metals															
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**42.6**	**43.8**	**42**		**44**	**42**	**43**	**43**	**44**	**44**	**43**	**44**	**42**	
iron	mg/L	0.083 U	0.083 U	0.050 U		0.05 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.26**	**0.08**	0.050 U	
manganese	mg/L	**0.174**	**0.187**	**0.2**		**0.19**	**0.18**	**0.18**	**0.18**	**0.18**	**0.18**	**0.17**	**0.18**	**0.17**	
sodium	mg/L	**35.2**	**33.3**	**35**		**32**	**32**	**33**	**43**	**34**	**34**	**32**	**32**	**35**	
Wet Chemistry															
chloride	mg/L	**54.2**	**50.7**	**43**		**4.2**	**46**	**47**	**72**	**49**	**48**	**49**	**43**	**53**	
nitrate as N	mg/L	0.1 U	0.1 U	0.05 U		0.05 U	0.05 U	**0.4**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**15.1**	**12.7**												
carbon dioxide	mg/L	**124**	**149**												
alkalinity carbonate	mg/L			1 U		**150**	**150**	**150**	**140**	**150**	**150**	**150**	**140**	1.0 U	
total alkalinity	mg/L	**133**	**143**	**140**		**150**	**150**	**150**	**140**	**150**	**150**	**150**	**140**	**140**	
total organic carbon	mg/L	**0.5**	**1**	1 U		1 U	1 U	1 U	1 U	**2**	1 U	1 U	3.6	1.0 U	
sulfide	mg/L	**0.32**	**0.64**	**2.4**		**3.1**	**3.8**	**0.075**	**3.7**	**4.1**	**4.4**	0.01 U	0.01 U	**5.8**	
Purge Parameters															
color	Visual	NA	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	umhos/cm	**353**	**358**	**366**	**523**	**300**	**515**	**536**	**334**	**343**	**330**	**363**	**328**	**189**	**369**
dissolved oxygen	mg/L	NA	**1.35**	**1.62**	**2.23**	**1.74**	**1.97**	**1.68**	**0.96**	**0.48**	**4.58**	**7.4**	**0.59**	**1.26**	**1.24**
ferrous iron	mg/L	**0.08**	**0.08**	**0.2**	NA	0	**0.37**	**0.23**	**0.08**	**0.44**	**0**	**0.45**	**0.18**	**0.02**	**0.00**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	**100**	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.25**	**1**
odor	Olfactory	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	None	Extreme Sulfur	Sulfur
ORP	MeV	**-109.3**	**-55.6**	**-129.9**	**-53.8**	**-105.7**	**-261**	**-112.8**	**-211**	**-140.7**	**-198.6**	**-146**	**-149.2**	**-39.9**	**-197.5**
pH	pH unit	**7.35**	**7.72**	**7.34**	**6.59**	**6.62**	**7.24**	**7.65**	**6.93**	**6.44**	**7.61**	**7.29**	**6.68**	**7.42**	**7.69**
temperature	degrees C	**11.72**	**11.04**	**10.72**	**9.40**	**10.52**	**9.97**	**7.01**	**11.41**	**10.77**	**10.89**	**11.25**	**11.41**	**10.4**	**10.12**
turbidity	NTU	**2.48**	**0.0**	**0.25**	0.0	**0.6**	**0.3**	**1.1**	**2.9**	**4.6**	**1.07**	**5.6**	**11.12**	**1.01**	**1.91**
water level	feet	NA	NA	NA	NA	NA	NA	NA	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-18-3 4/12/2006 NORM	MW-18-3 11/1/2006 NORM	MW-18-3 4/19/2007 NORM	MW-18-3 12/4/2007 NORM	MW-18-3 4/21/2008 NORM	MW-18-3 10/29/2008 NORM	MW18-3 2/9/2009 NORM	MW18-3 5/15/2009 NORM	MW18-3 7/20/2009 NORM	MW18-3 10/21/2009 NORM	MW18-3 10/27/2010 NORM	MW18-3 6/16/2011 NORM	MW18-3 11/20/2013 NORM	MW18-3 10/24/2014 NORM
Volatile Organics															
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethar	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	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	ug/L	**0.27 J**	**0.39 J**	0.5 U	**0.3 J**	**0.35 J**	0.5 U	**0.52**	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-dichloroethene	ug/L	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	2 U	NR	2.1 U	**0.66 J**	2.1 U	2.1 U	2 U	2.1 U	**5.1**	2 U	2.5 U	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U J	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 UJ	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.81 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UL	0.5 U
Gases															
ethane	ug/L	12 U	12 U			**0.744**	**1.3**	100 U J	12 U	2.1	12 U	2 U	2.5	**2.29**	
ethene	ug/L	17 U	17 U			U	1 U	100 U J	17 U	2 U	17 U	2 U	2 U	2 U	
methane	ug/L	**299**	**162**			**348**	**380**	**440 J**	**351**	**770**	**560**	**670**	**1300**	**941**	
Metals															
arsenic	mg/L	0.009 U	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**42.4**	**43.8**	**42**		**44**	**43**	**43**	**43**	**44**	**43**	**44**	**46**	**52**	
iron	mg/L	0.083 U	0.083 U	0.050 U		0.05 U	**0.050**	**0.057**	0.05 U	0.05 U	**0.260**	0.05 U	0.05 U	**0.18**	
manganese	mg/L	**0.154**	**0.173**	**0.17**		**0.17**	**0.16**	**0.15**	**0.15**	**0.16**	**0.17**	**0.15**	**0.14**	**0.11**	
sodium	mg/L	**34.7**	**34**	**34**		**32**	**31**	**31**	**33**	**33**	**32**	**31**	**29**	**23**	
Wet Chemistry															
chloride	mg/L	**52.8**	**51.9**	**43**		**3.8**	**45**	**46**		**48**	**49**	**48**	**39**	**42**	
nitrate as N	mg/L	0.1 U	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**11.2**	**12.8**												
carbon dioxide	mg/L	**127**	**137**												
alkalinity carbonate	mg/L			1 U		**150**	**150**	**150**	**150**	**150**	**150**	**150**	**160**	1.0 U	
total alkalinity	mg/L	**135**	**143**	**150**		**150**	**150**	**150**	**150**	**150**	**150**	**150**	**160**	**170**	
total organic carbon	mg/L	**2**	**2.4**	**2**		**1.4**	**2.4**	**2.1**	**2.5**	**4**	**1 U**	**1 U**	**2.8**	**2.5**	
sulfide	mg/L	**0.96**	**0.96**	**2.3**		**3.8**	**4**	**3.2**	**3.7**	**4.1**	**4.1**	**0.011**	**4.5**	**6.8**	
Purge Parameters															
color	Visual	NA	Clear	Clear		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	umhos/cm	**352**	**359**	**382**		**306**	**514**	**369**	**349**	**352**	**332**	**368**	**335**	**192**	**383**
dissolved oxygen	mg/L	NA	**1.16**	**0.88**		**1.83**	**2.15**	**1.56**	**0.93**	**0.62**	**5.81**	**4.08**	**0.51**	**0.08**	**0.90**
ferrous iron	mg/L	**0.11**	**0.15**	**0.22**		**0.06**	**0.23**	0	**0.09**	**0.07**	0	**0.06**	**0**	0.05	0.03
flow rate	mL/min	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	**3.75**	**1**
odor	Olfactory	Sulfur	Sulfur	Sulfur		Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	None	Extreme Sulfur	Sulfur
ORP	MeV	**-116.5**	**-61.0**	**-148.1**		**-122.4**	**-250.5**	**-95.2**	**-212.7**	**-111.3**	**-182**	**-171.9**	**-159.7**	**-82.9**	**-230.9**
pH	pH unit	**7.29**	**7.76**	**7.46**		**6.79**	**7.44**	**7.92**	**7.21**	**7**	**7.75**	**7.37**	**6.91**	**7.31**	**7.69**
temperature	degrees C	**11.63**	**11.01**	**11.34**		**10.65**	**9.91**	**9.58**	**12.01**	**11.5**	**11.13**	**11.44**	**11.83**	**10.2**	**10.19**
turbidity	NTU	**1.64**	0.0	**0.3**		**0.5**	**0.3**	**1.2**	**3.1**	**4.6**	**1.17**	**0.6**	**8.5**	**1.10**	**2.11**
water level	feet	NA	NA	NA		NA	NA	NA	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian

Highlighted values exceed cleanup standards for ·

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-19-1 10/31/2006 NORM	MW-19-1 4/13/2007 NORM	MW-19-1 12/6/2007 NORM	MW-19-1 4/22/2008 NORM	MW-19-1 7/30/2008 NORM	MW-19-1 10/27/2008 NORM	MW-19-1 2/4/2009 NORM	MW-19-1 4/27/2009 NORM	MW-19-1 10/20/2009 NORM	MW-19-1 1/27/2010 NORM	MW-19-1 7/28/2010 NORM	MW-19-1 10/27/2010 NORM	MW-19-1 1/4/2011 NORM	MW-19-1 4/26/2011 NORM	MW-19-1 6/14/2011 NORM	MW-19-1 1/28/2013 NORM	MW-19-1 11/20/2013 NORM	MW-19-1 10/22/2014 NORM
Volatile Organics																			
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	**0.5 J**	**0.44 J**	**0.53**	**0.66**	**1**	**0.98**	**1.3**	**1.3**	**1.2**	**1.6**	**1.2**	**1.1**	**0.5 U**	**0.56**	**0.57**
1,1-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.56**	**0.75**	0.5 U	**0.98**	**0.85**	**0.94**	**1.4**	**0.9**	**0.9**	**0.5 U**	**0.52**	**0.58**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	1 U	2 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2 U	**1.9 J**	1.9 U	2.1 U	2.1 U	2 U	**3.3**	2.2 U	2.3 U	2.1 U	2.1 U	2.1 U	2.1 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	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 U	0.5 U	0.5 UL	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	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 U	2 U	1 U	1 U	2 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.24 J**	0.5 U	**0.27 J**	**0.26 J**	**0.14 J**	0.5 U	**0.14 J**	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	2 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.66**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	**0.52**	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
Gases																			
ethane	ug/L	12 U			**0.339 J**	U	1 U	10 U J	12 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U	U	1 U	10 U J	17 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	**617**			**213**	**161**	**110**	**91**	**101**	**77.7**	**140**	**100**	**170**	**170**	**160**	**140**	**38.2**	**67.8**	
Metals																			
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.013	**0.013**	
calcium	mg/L	**69.6**	**73**		**53**	**62**	**65**	**71**	**62**	**53**	**56**	**52**	**51**	**51**	**64**	**65**	**62**	**57**	
iron	mg/L	**3.41**	**2.5**		**5.0**	**4.5**	**4.4**	**4.6**	**5.0**	**5.2**	**5.4**	**6.0**	**4.9**	**5.0**	**5.7**	**5.0**	**3.9**	**4.1**	
manganese	mg/L	**0.304**	**0.25**		**0.44**	**0.4**	**0.39**	**0.41**	**0.43**	**0.45**	**0.47**	**0.47**	**0.43**	**0.44**	**0.49**	**0.45**	**0.34**	**0.31**	
sodium	mg/L	**99.6**	**100**		**27**	**46**	**53**	**61**	**43**	**24**	**29**	**23**	**23**	**23**	**49**	**49**	**58**	**48**	
Wet Chemistry																			
chloride	mg/L	**180**	**170**		**52**	**6.9 L**	**110**	**120**	**86**	**45**	**49**	**47**	**45**	**45**	2 U	**110**	**88**	**70**	
nitrate as N	mg/L	**0.33**	**0.45**		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	**0.13**	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**30.3**																	
carbon dioxide	mg/L	**238**																	
alkalinity carbonate	mg/L		1 U		**160**	**180**	**200**	**210**	**200**	**170**	**170**	**170**	**170**	**180**	**180**	**190**	**240**	1.0 U	
total alkalinity	mg/L	**214**	**230**		**160**	**180**	**200**	**210**	**200**	**170**	**170**	**170**	**170**	**180**	**180**	**190**	**240**	**210**	
total organic carbon	mg/L	**2.6**	1 U		1 U	1 U	**2.2**	**1.4**	**1.6**	**1.0**	**2.5**	**1.2**	1 U	1 U	**1.7**	**1.6**	**1.7**	**1.6**	
sulfide	mg/L	**0.32**	0.01 U		0.01 U	**0.041**	**0.021**	0.01 U	0.01 U	**0.038**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																			
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**863**	**853**	**817**	**361**	**520**	**707**	**639**	**521**	**376**	**398**	**339**	**389**	**390**	**495**	**523**	**522**	**284**	**510**
dissolved oxygen	mg/L	**1.48**	**0.85**	**2.19**	**0.95**	**2.32**	**2.22**	**0.72**	**1.03**	**4.69**	**1.5**	**0.45**	**5.62**	**0.29**	**0.23**	**0.55**	**1.82**	**0.66**	**0.65**
ferrous iron	mg/L	**3.29**	**2.56**	NA	**2.7**	NA	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	limit	limit
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2**	**2**	NA	NA	**6.00**	**1.00**
odor	Olfactory	None	Sulfur	Faint Sulfur	None	Sulfur	None	None	None	None	None	Sulfur	None	None	None	None	None	None	Sulfur
ORP	MeV	**-42.3**	**-39.9**	**-5.6**	**-52.9**	**33.7**	**-27**	**4.2**	**-49.3**	**-75.3**	**-5.9**	**-82.1**	**-41.1**	**-73.1**	**-62.1**	**-38.4**	**-34.5**	**70.4**	**-60.6**
pH	pH unit	**8.18**	**6.46**	**5.71**	**6.43**	**3.66**	**6.35**	**6.81**	**6.04**	**7.05**	**6.8**	**6.84**	**6.69**	**6.94**	**6.84**	**6.13**	7	**6.95**	**7.26**
temperature	degrees C	**12.53**	**10.62**	**11.35**	**11.69**	**12.17**	**11.3**	**10.52**	**12.48**	**11.98**	**10.47**	**12.63**	**12.13**	**11.3**	**11.43**	**11.55**	**10.72**	**11.5**	**11.21**
turbidity	NTU	**6.86**	**5.4**	**4.4**	**3.6**	**5.1**	**1.9**	**4**	**1.8**	**1.62**	**4.63**	**14**	**4**	**1.95**	**2.3**	**4.38**	**4.72**	**7.02**	**10.61**
water level	feet	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.83**	**1.67**	**2.6**	NA	**0.75**	**3.05**	**2**	**4.9**	**2.05**

Highlighted values exceed cleanup standards for contaminants of concern (5 ug/l for primary COCs, 50 ug/l for 1,4-dioxane)

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-19-2 10/31/2006 NORM	MW-19-2 4/13/2007 NORM	MW-19-2 12/6/2007 NORM	MW-19-2 4/22/2008 NORM	MW-19-2 7/30/2008 NORM	MW-19-2 10/27/2008 NORM	MW-19-2 2/4/2009 NORM	MW-19-2 4/27/2009 NORM	MW-19-2 10/20/2009 NORM	MW-19-2 1/27/2010 NORM	MW-19-2 7/28/2010 NORM	MW-19-2 10/27/2010 NORM	MW-19-2 1/4/2011 NORM	MW-19-2 4/26/2011 NORM	MW-19-2 6/14/2011 NORM	MW-19-2 1/28/2013 NORM	MW-19-2 11/20/2013 NORM	MW-19-2 10/22/2014 NORM
Volatile Organics																			
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	**0.57**	**0.82**	**1.1**	**1.5**	**1.6**	**1.1**	**1.4**	**1.3**	**1.3**	**1.7**	**1.6**	**1.7**	**1**	**1.5**	**1.4**
1,1-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.9**	**1.2**	**1.1**	0.5 U	**1.1**	**0.82**	**0.99**	**1.5**	**1.1**	**1.2**	**1**	**1.2**	**1.1**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	1 U	2 UJ	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2.1 U	**1.5 J**	2 U	2.1 U	2.1 U	2.1 U	**2.6**	2.2 U	2.4 U	2.1 U	2.1 U	2.1 U	2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	0.5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	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 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
cis-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	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 U	2 U	1 U	1 U	2 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	**0.32 J**	0.5 U	**0.48 J**	**0.25 J**	**0.22 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	2 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.8**	**2.1**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5U	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 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.51**	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
Gases																			
ethane	ug/L	120 U			U	U	1 U	1 U	12 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	170 U			U	U	1 U	1 U	17 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	**2220**			**140**	**158**	**110**	**84**	**66.6**	**65.6**	**110**	**99**	**160**	**170 L**	**160**	**170**	**98.5**	**110**	
Metals																			
arsenic	mg/L	0.009 U	0.016 U J		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**21.1**	**39**		**51**	**48**	**48**	**52**	**51**	**54**	**53**	**50**	**50**	**51**	**51**	**50**	**47**	**49**	
iron	mg/L	**1.26**	**3.5**		**4.7**	**4.5**	**4.7**	**4.9**	5	**5.1**	5	5	**4.5**	**4.8**	**5.5**	**4.7**	**4.5**	**4.7**	
manganese	mg/L	**0.186**	**0.35**		**0.46**	**0.43**	**0.44**	**0.47**	**0.46**	**0.49**	**0.47**	**0.47**	**0.43**	**0.45**	**0.49**	**0.43**	**0.44**	**0.43**	
sodium	mg/L	**81.3**	**40**		**22**	**20**	**20**	**22**	**22**	**22**	**22**	**21**	**21**	**22**	**23**	**21**	**20**	**21**	
Wet Chemistry																			
chloride	mg/L	**50.4**	**46**		**6.6**	**6.9**	**40**	**50**	**47**	**43**	**47**	**46**	**45**	**43**	2 U	**41**	**39**	**37**	
nitrate as N	mg/L	0.1 U	0.05 U		0.05 U	0.05 U	**0.05 U**	0.05 U	0.05 U	0.05 U	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**4.41**																	
carbon dioxide	mg/L	**180**																	
alkalinity carbonate	mg/L		1 U		**160**	**150**	**160**	**160**	**160**	**160**	**160**	**170**	**170**	**180**	**160**	**160**	**170**	1.0 U	
total alkalinity	mg/L	**179**	**160**		**160**	**150**	**160**	**160**	**160**	**160**	**160**	**170**	**170**	**180**	**160**	**160**	**170**	**180**	
total organic carbon	mg/L	**1.6**	1 U		1 U	1 U	**1.3**	1 U	**1.2**	1 U	**2.6**	1 U	1 U	1 U	**1.3**	**1.2**	**1.1**	**1.3**	
sulfide	mg/L	**0.48**	**0.017**		**0.01 U**	**0.021 U**	**0.013**	0.01 U	0.01 U	**0.044**	0.01 U	0.01 U	**0.01**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters																			
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**448**	**397**	**480**	**334**	**335**	**417**	**365**	**387**	**363**	**357**	**331**	**387**	**386**	**358**	**351**	**362**	**201**	**383**
dissolved oxygen	mg/L	**0.83**	**4**	**1.83**	**2.22**	**2.22**	**3.41**	**0.23**	**0.67**	**5.51**	**2.47**	**0.99**	**4.68**	NA	**0.39**	**0.59**	**1.93**	**0.38**	**0.62**
ferrous iron	mg/L	**1.61**	**3.3**	NA	**2.55**	NA	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**2.63**	**3.3**	**3.25**	**3.3**	**3.3**	**3.3**	limit	limit
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.25**	**2**	NA	NA	**5.75**	**1.00**
odor	Olfactory	None	Sulfur	Faint Sulfur	None	Sulfur	None	None	None	None	None	Sulfur	None	None	None	None	None	None	Sulfur
ORP	MeV	**-86.9**	**-86.8**	**-15.6**	**-59.3**	**44**	**-29.8**	**-37.7**	**-53.8**	**-54.9**	**-3.2**	**-70.5**	**-37.6**	**-64.2**	**-86.4**	**-46.1**	**-35.3**	**89.5**	**-60.1**
pH	pH unit	**8.11**	**6.71**	**6.02**	**6.65**	**4.01**	**6.45**	**6.80**	**6.11**	**6.93**	**6.82**	**6.72**	**6.68**	**6.86**	**7.01**	**6.26**	**7.04**	**6.96**	**7.21**
temperature	degrees C	**12.34**	**10.73**	**11.38**	**11.68**	**12.29**	**11.31**	**10.57**	**12.61**	**11.85**	**9.96**	**12.51**	**12.15**	**11.4**	**11.46**	**11.65**	**10.72**	**11.4**	**11.11**
turbidity	NTU	**1.1**	**0.55**	**0.35**	**1.8**	**1.1**	**0.4**	**2.8**	**0.25**	**0.81**	**1.75**	**0.55**	**1.2**	**0.12**	**0.1**	**1.21**	**3.44**	**4.93**	**2.15**
water level	feet	NA	NA	NA	NA	NA	NA	NA	NA	NA	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-19-3 10/31/2006 NORM	MW-19-3 4/13/2007 NORM	MW-19-3 12/6/2007 NORM	MW-19-3 4/22/2008 NORM	MW-19-3 7/30/2008 NORM	MW-19-3 10/27/2008 NORM	MW-19-3 2/4/2009 NORM	MW-19-3 4/27/2009 NORM	MW-19-3 10/20/2009 NORM	MW-19-3 1/27/2010 NORM	MW-19-3 7/28/2010 NORM	MW-19-3 10/27/2010 NORM	MW-19-3 1/4/2011 NORM	MW-19-3 4/26/2011 NORM	MW-19-3 6/14/2011 NORM	MW-19-3 1/28/2013 NORM	MW-19-3 11/20/2013 NORM	MW-19-3 10/22/2014 NORM
Volatile Organics																			
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	**0.5 J**	**0.41 U**	**0.63**	**0.91**	**1.3**	**1.5**	**0.91**	**1.4**	**1.3**	**1.2**	**1.6**	**1.6**	**1.6**	**0.96**	**1.4**	**1.5**
1,1-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.57**	**1**	**1.2**	0.5 U	**1.1**	**0.94**	**0.93**	**1.3**	**1.2**	**1.2**	**0.94**	**1.1**	**1.1**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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 U	1 U	2 UJ	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2.1 U	**1.6 J**	2 U	2.1 U	2.1 U	2 U	**2.1**	**2.3**	2.2 U	2.1 U	2.1 U	2 U	2.1 U		2.0 U	
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	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 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 UL	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.63**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
cis-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	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 U	2 U	1 U	1 U	2 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	**0.45 J**	**0.25 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	2 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**2**	**2.8**	**8.2**	**0.5 U**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
Gases																			
ethane	ug/L	120 U			**1.24**	U	1 U	1 U	12 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	170 U			U	U	1 U	1 U	17 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	**3620**			**926**	**260**	**220**	**220**	**126**	**153**	**110**	**160**	**340**	**260**	**260**	**270**	**141**	**187**	
Metals																			
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**0.483**	**1.2**		**43.0**	**45.0**	**45**	**51**	**50**	**52**	**52**	**49**	**49**	**51**	**49**	**51**	**47**	**50**	
iron	mg/L	**0.559**	**340**		**4**	**4.5**	**4.5**	**4.9**	**4.8**	**4.9**	**5**	**5**	**4.5**	**4.8**	**5.1**	**4.7**	**4.5**	**4.9**	
manganese	mg/L	**0.005**	**0.007**		**0.4**	**0.41**	**0.42**	**0.46**	**0.45**	**0.48**	**0.47**	**0.47**	**0.43**	**0.46**	**0.46**	**0.43**	**0.43**	**0.43**	
sodium	mg/L	**138**	**120**		**33**	**26**	**24**	**25**	**24**	**25**	**24**	**23**	**22**	**22**	**26**	**23**	**22**	**24**	
Wet Chemistry																			
chloride	mg/L	**50.1**	**47**		**3.3**	**6.9**	**41**	**20**	**46**	**43**	**47**	**46**	**45**	**43**	2 U	**40**	**39**	**37**	
nitrate as N	mg/L	0.1 U	**0.064**		**0.05 U**	**0.05 U**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	0.5 U																	
carbon dioxide	mg/L	**186**																	
alkalinity carbonate	mg/L		**24**		**160**	**150**	**160**	**160**	**170**	**170**	**170**	**170**	**170**	**180**	**160**	**160**	**180**	1.0 U	
total alkalinity	mg/L	**211**	**220**		**160**	**150**	**160**	**160**	**170**	**170**	**170**	**170**	**170**	**180**	**160**	**160**	**180**	**180**	
total organic carbon	mg/L	**1.2**	1 U		**1.2**	1 U	**2.4**	**1.3**	**1.2**	**1.3**	**1.6**	1 U	1 U	1 U	**1.9**	**1.7**	**1.7**	**2.0**	
sulfide	mg/L	**0.48**	**0.32**		**0.01 U**	**0.043**	**0.026**	0.010 U	0.01 U	**0.067**	0.01 U	0.029 U	0.01 U	0.01 U	**0.019**	**0.021**	**0.01 U**	0.01 U	
Purge Parameters																			
color	Visual	Clear	Clear		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**482**	**451**		**331**	**336**	**417**	**362**	**381**	**362**	**359**	**331**	**388**	**387**	**360**	**347**	**354**	**201**	**382**
dissolved oxygen	mg/L	**0.91**	**0.44**		**1.87**	**2.06**	**1.45**	**0.11**	**0.54**	**41.4**	**1.55**	**0.58**	**3.8**	**0.01**	**0.25**	**0.48**	**1.17**	**0.76**	**0.31**
ferrous iron	mg/L	**0.19**	**0.26**		**3.3**	NA	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**2.21**	limit
flow rate	mL/min	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
gallons purged	gal	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	**2**	**2**	NA	NA	**4.25**	**1**
odor	Olfactory	None	Sulfur		None	Sulfur	Sulfur	None	None	None	Sulfur	Sulfur	None	None	None	None	None	None	Sulfur
ORP	MeV	**-139.9**	**-187.9**		**-71.9**	**-1**	**-36.6**	**-24**	**-65.8**	**-62**	**-8.8**	**-78.6**	**-50.9**	**-76.3**	**-81.1**	**-40.3**	**-52.6**	**67.4**	**-69.9**
pH	pH unit	**9.38**	**8.90**		**6.73**	**4.06**	**6.47**	**6.85**	**6.09**	**6.8**	**6.91**	**6.73**	**6.69**	**6.84**	**6.97**	**5.96**	**7.04**	**7.03**	**7.2**
temperature	degrees C	**12.12**	**10.67**		**11.59**	**12.46**	**11.43**	**10.34**	**13.1**	**11.89**	**10.26**	**12.84**	**12.24**	**11.3**	**11.5**	**11.5**	**10.57**	**11.4**	**11.13**
turbidity	NTU	**7.3**	**8.6**		**1.7**	**1.1**	**0.4**	**2.1**	**0.24**	**0.46**	**2.01**	**0.95**	**1.3**	0	0	**1.48**	**3.27**	**6.28**	**3.05**
water level	feet	NA	NA		NA	NA	NA	NA	NA	NA	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian	Artesian

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-20-1 11/1/2006 NORM	MW-20-1 4/18/2007 NORM	MW-20-1 12/6/2007 NORM	MW-20-1 4/21/2008 NORM	MW-20-1 10/28/2008 NORM	MW-20-1 4/28/2009 NORM	MW-20-1 10/26/2010 NORM	MW-20-1 6/14/2011 NORM	MW-20-1 1/29/2013 NORM	MW-20-1 11/19/2013 NORM	MW-20-1 10/23/2014 NORM
Volatile Organics												
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 UJ	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2 U	2 U	2.2 U	2.1 U	2.1 U	2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	10 U	5 U	10 U	10 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U J	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
Gases												
ethane	ug/L	12 U			U	1 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U	1 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**216**			**373**	**400**	**354**	**130 K**	**630**	**428**	**521**	
Metals												
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**93.8**	**53**		**92**	**87**	**90**	**87**	**87**	**82**	**84**	
iron	mg/L	0.083 U	0.050 U		0.050 U	**0.05**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
manganese	mg/L	**0.013**	0.005 U		**0.009**	**0.0087**	**0.0089**	**0.0085**	**0.0086**	**0.0087**	**0.0087**	
sodium	mg/L	**83.8**	**20**		**83**	**76**	**79**	**74**	**73**	**69**	**76**	
Wet Chemistry												
chloride	mg/L	**123**	**28**		**8**	**10**	**94**	**84**	**87**	**75**	**84**	
nitrate as N	mg/L	0.1 U	**0.34**		**0.05 U**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**331**										
carbon dioxide	mg/L	**162**										
alkalinity carbonate	mg/L		1 U		**210**	**210**	**220**	**220**	**200**	**210**	1.0 U	
total alkalinity	mg/L	**155**	**180**		**210**	**210**	**220**	**220**	**200**	**210**	**220**	
total organic carbon	mg/L	**1**	1 U		1 U	1 U	1 U	1 U	1 U	1.3	1.0 U	
sulfide	mg/L	**0.32**	0.01 U		0.01 U	**0.017**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters												
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**1005**	**509**	**1240**	**844**	**1130**	**912**	**937**	**831**	**807**	**486**	**864**
dissolved oxygen	mg/L	**1.26**	**3.2**	**1.63**	**1.98**	**2.11**	**1.49**	**6.08**	**1.42**	**1.37**	**0.08**	**2.27**
ferrous iron	mg/L	**0.15**	**0.18**	NA	**0.03**	**0.01**	**0.05**	0	**0.1**	**0.1**	**0.03**	**0.03**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.00**	**0.50**
odor	Olfactory	Methane	Sulfur	None	Sulfur	Faint Sulfur	None	None	Sulfur	None	None	None
ORP	MeV	**15**	**-91**	**71.9**	**36.6**	**-36.3**	**-21.1**	**0.7**	**16.2**	**-37**	**-20.0**	**-48.1**
pH	pH unit	**7.68**	**7.60**	**6.38**	**6.81**	**7.48**	**7.04**	**7.32**	**6.77**	**7.51**	**7.83**	**7.95**
temperature	degrees C	**11.17**	**10.75**	**10.69**	**11.61**	**9.97**	**12.2**	**11.81**	**11.26**	**10.5**	**10.7**	**10.33**
turbidity	NTU	0.0	**0.7**	0.0	**0.85**	**1.9**	**0.5**	**0.8**	**1.25**	**3.53**	**0.54**	**1.08**
water level	feet	NA	NA	NA	NA	NA	NA	**59.42**	**58.33**	**57.9**	**58.83**	**58.49**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-20-2 11/1/2006 NORM	MW-20-2 4/18/2007 NORM	MW-20-2 12/6/2007 NORM	MW-20-2 4/21/2008 NORM	MW-20-2 10/28/2008 NORM	MW-20-2 4/28/2009 NORM	MW-20-2 10/26/2010 NORM	MW-20-2 6/14/2011 NORM	MW-20-2 1/29/2013 NORM	MW-20-2 11/19/2013 NORM	MW-20-2 10/23/2014 NORM
Volatile Organics												
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U J	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2.1 U	2 U	2.1 U	2.2 U	2 U	**2.8**	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 J	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UL	0.5 U
Gases												
ethane	ug/L	12 U			U	1 U	12 U	2 U	2 U	2 UL	2 U	
ethene	ug/L	17 U			U	1 U	17 U	2 U	2 U	2 UL	2 U	
methane	ug/L	**351**			**786**	**620 J**	**436**	**1,100**	**1,000**	**553**	**890**	
Metals												
arsenic	mg/L	0.009 U	0.016 U		0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**162**	**140**		**150**	**150**	**160**	**150**	**160**	**150**	**150**	
iron	mg/L	**0.186**	**0.19**		**0.18**	**0.17**	**0.18**	**0.16**	**0.16**	**0.16**	**0.19**	
manganese	mg/L	**0.007**	0.005 U		**0.0074**	**0.0073**	**0.0075**	**0.0078**	**0.0071**	**0.0073**	**0.0079**	
sodium	mg/L	**178**	**160**		**160**	**160**	**160**	**150**	**160**	**140**	**160**	
Wet Chemistry												
chloride	mg/L	**318**	**270**		**90**	**260**	**280**	**260**	**280**	**260**	**260**	
nitrate as N	mg/L	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**652**										
carbon dioxide	mg/L	**188**										
alkalinity carbonate	mg/L		1 U		**180**	**190**	**190**	**190**	**180**	**190**	1.0 U	
total alkalinity	mg/L	**188**	**180**		**180**	**190**	**190**	**190**	**180**	**190**	**190**	
total organic carbon	mg/L	**1**	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	
sulfide	mg/L	0.2 U	0.01 U		**0.016**	**0.013**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters												
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**1746**	**1720**	**2126**	**1483**	**2033**	**1654**	**1705**	**1511**	**1465**	**910**	**1.51**
dissolved oxygen	mg/L	**1.44**	**1.28**	**0.68**	**2**	**3.78**	**0.58**	**5.62**	**1.01**	**1.37**	**0.14**	**2.04**
ferrous iron	mg/L	**0.24**	**0.35**	NA	**0.33**	**0.14**	**0.2**	**0.18**	0	0.35	**0.15**	**0**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.00**	**0.50**
odor	Olfactory	Methane	Sulfur	Sulfur	Sulfur	None	None	Sulfur	Sulfur	None	None	None
ORP	MeV	**38.8**	**-44.2**	**81.2**	**-14.7**	**-25.4**	**-21.3**	**5.8**	**45.2**	**-32.4**	**40.9**	**-28.6**
pH	pH unit	**7.55**	**7.24**	**6.39**	**7.04**	**7.43**	**7.01**	**7.3**	**6.71**	**7.46**	**7.52**	**8.02**
temperature	degrees C	**11.14**	**10.86**	**10.74**	**11.47**	**10.26**	**12.49**	**12.03**	**11.17**	**10.5**	**10.8**	**10.4**
turbidity	NTU	0.0	**1.0**	2.5	2.7	**1.4**	**0.3**	**0.5**	**1.5**	2.5	**1.03**	**2.13**
water level	feet	NA	NA	NA	NA	NA	NA	**56.75**	**56.42**	**55.6**	**57.35**	**53.85**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-20-3 11/1/2006 NORM	MW-20-3 4/18/2007 NORM	MW-20-3 12/6/2007 NORM	MW-20-3 4/21/2008 NORM	MW-20-3 10/28/2008 NORM	MW-20-3 4/28/2009 NORM	MW-20-3 10/26/2010 NORM	MW-20-3 6/14/2011 NORM	MW-20-3 1/29/2013 NORM	MW-20-3 11/19/2013 NORM	MW-20-3 10/23/2014 NORM
Volatile Organics												
1,1,1-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	20 R	NR	2 U	2 U	2.1 U	2.2 U	2.1 U	2.2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U J	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U J	5 U	5 U	10 U	5 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U J	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 UL	0.5 U	0.5 U
methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U J	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
Gases												
ethane	ug/L	12 U			**0.296 J**	1 U	12 U	2 U	2 U	2 U	2 U	
ethene	ug/L	17 U			U	1 U	17 U	2 U	2 U	2 U	2 U	
methane	ug/L	**210**			**286**	**17**	**122**	**160**	**220**	**80.3**	**212**	
Metals												
arsenic	mg/L	0.009 U	**0.019**		**0.023**	**0.021**	**0.024**	**0.021**	**0.02**	**0.016**	**0.016**	
calcium	mg/L	**75.5**	**51**		**49**	**47**	**46**	**42**	**42**	**38**	**38**	
iron	mg/L	**0.319**	**0.48**		**0.56**	**0.6**	**0.64**	**0.6**	**0.56**	**0.55**	**0.55**	
manganese	mg/L	**0.037**	**0.08**		**0.097**	**0.11**	**0.11**	**0.11**	**0.11**	**0.1**	**0.11**	
sodium	mg/L	**100**	**71**		**57**	**54**	**52**	**47**	**47**	**43**	**45**	
Wet Chemistry												
chloride	mg/L	**171**	**85**		**3.3**	**62**	**69**	**51**	**54**	**55**	**52**	
nitrate as N	mg/L	0.1 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
nitrite as N	mg/L	0.08 U	0.05 U		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
sulfate as SO4	mg/L	**254**										
carbon dioxide	mg/L	**183**										
alkalinity carbonate	mg/L		1 U		**190**	**190**	**190**	**190**	**180**	**190**	1.0 U	
total alkalinity	mg/L	**180**	**190**		**190**	**190**	**190**	**190**	**180**	**190**	**190**	
total organic carbon	mg/L	**1.1**	1 U		1 U	1 U	1 U	1 U	1 U	1	1.0 U	
sulfide	mg/L	0.2 U	**0.36**		**0.045**	**0.14**	**0.1**	0.01 U	**0.047**	**0.01 U**	**0.062**	
Purge Parameters												
color	Visual	Clear	Clear		Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**1057**	**748**		**570**	**720**	**534**	**578**	**458**	**480**	**292**	**465**
dissolved oxygen	mg/L	**1.75**	**0.66**		**1.95**	**3.84**	**0.38**	**4.85**	**1.01**	**1.52**	**0.26**	**0.77**
ferrous iron	mg/L	**0.29**	**0.65**		**0.71**	**0.58**	**0.66**	**0.38**	**0.09**	**0.6**	**0.42**	**0.83**
flow rate	mL/min	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA		NA	NA	NA	NA	NA	NA	**2.75**	**0.50**
odor	Olfactory	Methane	Sulfur		Sulfur	Sulfur	Sulfur	Sulfur	Sulfur	None	None	None
ORP	MeV	**-11.6**	**-136.8**		**-112.3**	**-130.7**	**109.9**	**-114.1**	**-11.7**	**-125.8**	**11.3**	**-119.1**
pH	pH unit	**7.81**	**7.54**		**7.16**	**7.81**	**7.36**	**7.74**	**7.00**	**7.00**	**7.97**	**8.26**
temperature	degrees C	**11.23**	**10.80**		**12.58**	**10.15**	**12.52**	**12**	**11.19**	**10.41**	**10.8**	**10.36**
turbidity	NTU	0.0	**1.1**		**6.9**	**1.1**	**0.25**	**1**	**1.15**	**1.79**	**1.56**	**1.89**
water level	feet	NA	NA		NA	NA	NA	**76.29**	**75.5**	**74.3**	**76.70**	**76.02**

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-21-1 10/30/2008 NORM	MW-21-1 2/5/2009 NORM	MW-21-1 5/14/2009 NORM	MW-21-1 7/16/2009 NORM	MW-21-1 10/13/2009 NORM	MW-21-1 1/28/2010 NORM	MW-21-1 7/29/2010 NORM	MW-21-1 10/25/2010 NORM	MW-21-1 6/15/2011 NORM	MW-21-1 1/31/2013 NORM	MW-21-1 11/18/2013 NORM	MW-21-1 10/28/2014 NORM
Volatile Organics													
1,1,1-trichloroethane	ug/L	**9.3**	**9**	**9.4**	**6.8**	**7.4**	**7.3**	**8.4**	**10**	**4.2**	**4.2**	**7.2**	**7.3**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**0.9**	**1.7**	**1.6**	**2.1**	**4.3**	**2.2**	**2.6**	**1.5**	**0.57**	**1**	**0.69**	**0.98**
1,1-dichloroethene	ug/L	**5.4**	**6.3**	**6.8**	**7**	**9.2**	**7.6**	**8.2**	**7.5**	**3.7**	**3**	**4.3**	**4.7 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	2.1 U	2.2 U	2 U	2 U	2 U	2.3 U	2 U	2.1 UL	2 U	0.5 U	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	10 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	1 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**9.4**	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	1 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**8.5**	**1.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**2.4**	**2.3**	**2.6**	**2.2**	**2.8**	**3.3**	**3.8**	**3.5**	**1.8**	**1.5**	**2.1**	**2.2**
trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UL	0.5 U
Gases													
ethane	ug/L	1 U	2 U J	12 U	2 U	12 U	2 U	2 U	2 U	2 U		2 U	
ethene	ug/L	1 U	2 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U		2 U	
methane	ug/L	2 U	2 U J	10 U	2 U	10 U	2 U	2 U	2 U	2 U		2 U	
Metals													
arsenic	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**68**	**66**	**66**	**65**	**70**	**71**	**76**	**73**	**67**	**78**	**78**	
iron	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	**0.12**	0.050 U	**1.9**	**0.096**	**1.7**	**0.05 U**	0.05 U	
manganese	mg/L	0.005 U	0.050 U	0.050 U	0.005 U	0.005 U	0.005 U	**0.1**	0.005 U	**0.012**	**0.05 U**	0.05 U	
sodium	mg/L	**12**	**12**	**11**	**9.8**	**8.5**	**8.8**	**8.8**	**8.4**	**9.5**	**10**	**9.7**	
Wet Chemistry													
chloride	mg/L	**4.6**	**9.1**	**13**	**8.1**	**11**	**8.2**	**12**	**9.4**	**4.7**	**6.4**	**4.8**	
nitrate as N	mg/L	**2.3**	**1.7**	**1.5**	**1.2**	**1.2**	**1.2**	**1.2**	**1.5**	**1.3**	**1.7**	**1.7**	
nitrite as N	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 UJ	0.05 U	
sulfate as SO4	mg/L												
carbon dioxide	mg/L												
alkalinity carbonate	mg/L	**190**	**190**	**190**	**190**	**190**	**200**	**230**	**210**	**190**	**240**	1.0 U	
total alkalinity	mg/L	**190**	**190**	**190**	**190**	**190**	**200**	**230**	**210**	**190**	**240**	**250**	
total organic carbon	mg/L	1 U	1 U	1 U	**1.4**	1 U	1 U	1 U	1 U	**1**		**1.2**	
sulfide	mg/L	0.01 U	0.010 UL	0.010 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters													
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**506**	**330**	**307**	**303**	**316**	**309**	**325**	**363**	**289**	**345**	**216**	**434**
dissolved oxygen	mg/L	**3.02**	**3.5**	**2.9**	**5.55**	**7.82**	**4**	**1.58**	**5.46**	**5.05**	**4.18**	**2.35**	**2.92**
ferrous iron	mg/L	**0.09**	0	**0.04**	0	**0.24**	0	**0.17**	**0.09**	**0.06**	**0.01**	**0.05**	**0.22**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.25**	**1.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**128.4**	**148.2**	**68**	**66.9**	**103.6**	**261.3**	**-48.3**	**144.9**	**208.3**	**166.2**	**190.4**	**105.0**
pH	pH unit	**6.54**	**6.97**	**6.23**	**6.63**	**6.87**	**7**	**6.93**	**6.61**	**5.92**	**6.86**	**6.80**	**7.28**
temperature	degrees C	**10.67**	**10.35**	**10.75**	**10.87**	**11.07**	**10.05**	**12.28**	**11.45**	**11.19**	**9.7**	**11.3**	**10.66**
turbidity	NTU	**1.6**	**4.1**	**2.3**	**7.1**	**2.08**	**1.31**	**2.00**	**0.90**	**10.20**	**2.99**	**0.63**	NA
water level	feet	NA	Artesian	Artesian	Artesian	Artesian	Artesian	**7.58**	**6**	Artesian	Artesian	Artesian	NA

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-21-2 10/30/2008 NORM	MW-21-2 2/5/2009 NORM	MW-21-2 5/14/2009 NORM	MW-21-2 7/16/2009 NORM	MW-21-2 10/13/2009 NORM	MW-21-2 1/28/2010 NORM	MW-21-2 7/29/2010 NORM	MW-21-2 10/25/2010 NORM	MW-21-2 6/15/2011 NORM	MW-21-2 1/31/2013 NORM	MW-21-2 11/18/2013 NORM	MW-21-2 10/28/2014 NORM
Volatile Organics													
1,1,1-trichloroethane	ug/L	**8.6**	**11**	**10**	**9.4**	**7.8**	**7.3**	**7.5**	**10**	**3.1**	**3**	**3.6**	**4.2**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.1**	**2.6**	**2.4**	**4.4**	**4.8**	**3**	**3**	**2.5**	**0.54**	**0.5 U**	**0.50**	**1**
1,1-dichloroethene	ug/L	**5.6**	**8.3**	**7.8**	**11**	**9.7**	**9**	**7.9**	**8.8**	**3.5**	**2**	**2.5**	**3 J**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	2.1 U	2.1 U	2.2 U	2 U	2 U	2.1 U	2.1 U	2 U	**2.2**	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5U
2-hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 UJ	5U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5U
acetone	ug/L	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 UL	0.5 UJ	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	1 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	1 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.3**	**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	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**2.2**	**2.8**	**2.9**	**3.0**	**2.8**	**3.2**	**3.3**	**3.7**	**1.4**	**1.2**	**1.3**	**1.5**
trichlorofluoromethane	ug/L	0.5 U J	0.5 U J	0.5 U	0.5 U	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	ug/L	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 U	0.5 U	0.5 UL	0.5 U
Gases													
ethane	ug/L	1 U		12 U	2 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	1 U		17 U	2 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	2 U		10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	
Metals													
arsenic	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**67**	**68**	**66**	**68**	**70**	**70**	**76**	**71**	**61**	**71**	**73**	
iron	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.4**	0.050 U	0.050 U	0.07	**1.4**	
manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	**0.02**	0.005 U	0.005 U	0.005 U	**0.035**	
sodium	mg/L	**12**	**11**	**10**	**8.5**	**8.3**	**8.3**	**8.5**	**8.4**	**8**	**8.6**	**7.3**	
Wet Chemistry													
chloride	mg/L	**2.8**	**9.5**	**13**	**9.9**	**14**	**8.6**	**9.9**	**9.2**	**3.4**	**4**	**3.8**	
nitrate as N	mg/L	**1.8**	**1.7**	**1.5**	**1**	**1.1**	**1.1**	**1.2**	**1.7**	**1.3**	**1.5 J**	**1.5**	
nitrite as N	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 UJ	0.05 U	
sulfate as SO4	mg/L												
carbon dioxide	mg/L												
alkalinity carbonate	mg/L	**190**	**190**	**180**	**190**	**190**	**200**	**220**	**210**	**170**	**210**	1.0 U	
total alkalinity	mg/L	**190**	**190**	**180**	**190**	**190**	**200**	**220**	**210**	**170**	**210**	**220**	
total organic carbon	mg/L	1 U	1 U	**1.7**	**1.8**	1 U	1 U	1 U	1 U	1 U	1 U	**1.1**	
sulfide	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.012**	**0.012**	**0.017**	**0.01 U**	0.01 U	
Purge Parameters													
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**493**	**337**	**309**	**318**	**312**	**305**	**309**	**361**	**271**	**309**	**190**	**397**
dissolved oxygen	mg/L	**3.4**	**4.03**	**2.86**	**5.72**	**7.5**	**3.58**	**1.6**	**4.74**	**5.55**	**5.67**	**2.40**	**2.82**
ferrous iron	mg/L	**0.05**	0	**0.13**	**0.66**	**0.04**	**0.39**	**0.34**	**0.1**	0	0.03	**0.06**	**0.02**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.25**	**1.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**139.4**	**151.1**	**66.6**	**57.6**	**106.3**	**241.1**	**20.1**	**155.6**	**207.3**	**166.4**	**193.6**	**105.2**
pH	pH unit	**6.51**	**7.06**	**6.24**	**6.5**	**6.84**	**6.72**	**6.58**	**6.59**	**5.75**	**6.86**	**6.78**	**7.28**
temperature	degrees C	**10.54**	**10.25**	**10.73**	**11.12**	**10.97**	**10.8**	**11.97**	**11.55**	**11.14**	**10.62**	**11.4**	**10.75**
turbidity	NTU	**0.3**	**4.1**	**2.8**	**0.85**	**0.27**	**0.84**	**0.6**	**0.25**	**2**	**4.95**	**1.43**	NA
water level	feet	NA	Artesian	Artesian	Artesian	Artesian	Artesian	**7.67**	**6.08**	Artesian	Artesian	Artesian	NA

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-21-3 10/30/2008 NORM	MW-21-3 2/5/2009 NORM	MW-21-3 5/14/2009 NORM	MW-21-3 7/16/2009 NORM	MW-21-3 10/13/2009 NORM	MW-21-3 1/28/2010 NORM	MW-21-3 7/29/2010 NORM	MW-21-3 10/25/2010 NORM	MW-21-3 6/15/2011 NORM
Volatile Organics										
1,1,1-trichloroethane	ug/L	**7.4**	**8.1**	**11**	**11**	**8.8**	**8.7**	**7.1**	**12**	**4.3**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,1,2-trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,1-dichloroethane	ug/L	**1.5**	**2.9**	**7.4**	**5.6**	**7.3**	**9.2**	**5.3**	**8.9**	**2.2**
1,1-dichloroethene	ug/L	**5.4**	**7.3**	**14**	**6.3**	**14**	**17**	**11**	**15**	**5.3**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,2,4-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,2-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,2-dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,2-dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,2-dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,2-dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,3-dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,4-dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
1,4-dioxane	ug/L	2.1 U	2.2 U	**3.1**	2 U	2 U	**4.2**	2.3 U	**2.4**	2.2 U
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
bromoform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
bromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
carbon tetrachloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**1.5**	0.05 U	0.05 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
chloroethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
chloroform	ug/L	**1.9**	**0.56**	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
cis-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
cis-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	2 U	2 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	2 U J	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
methylene chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
styrene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	1 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
toluene	ug/L	**79**	**14**	**1.6**	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	1 U	0.5 U
trichloroethene	ug/L	**1.6**	**2**	**2.9**	**3.3**	**3.3**	**4.5**	**3**	**3.6**	**1.7**
trichlorofluoromethane	ug/L	0.5 U J	0.5 U J	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
vinyl chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.05 U	0.05 U	0.5 U	0.5 U
Gases										
ethane	ug/L	1 U	2 U J	12 U	2 U	12 U	2 U	2 U	2 U	2 U
ethene	ug/L	1 U	2 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U
methane	ug/L	**3.5**	2 U J	10 U	2 U	10 U	2 U	2 U	2 U	2 U
Metals										
arsenic	mg/L	**0.0087**	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
calcium	mg/L	**65**	**68**	**68**	**67**	**71**	**72**	**73**	**72**	**61**
iron	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.12**	0.050 U	0.050 U
manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
sodium	mg/L	**11**	**7.6**	**7.1**	**7**	**6.9**	**6.8**	**7.7**	**7.5**	**5.5**
Wet Chemistry										
chloride	mg/L	**3.7**	**8**	**12**	**10**	**12**	**10**	**11**	**12**	**3.8**
nitrate as N	mg/L	**2**	**1.5**	**1.1**	**0.93**	**0.96**	**0.97**	**0.96**	**1.4**	**1.1**
nitrite as N	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
sulfate as SO4	mg/L									
carbon dioxide	mg/L									
alkalinity carbonate	mg/L	**190**	**190**	**190**	**190**	**200**	**200**	**220**	**200**	**170**
total alkalinity	mg/L	**190**	**190**	**190**	**190**	**200**	**200**	**220**	**200**	**170**
total organic carbon	mg/L	1 U	1 U	**1.1**	**1.6**	1 U	1 U	1 U	1 U	1 U
sulfide	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Purge Parameters										
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**501**	**327**	**316**	**319**	**320**	**328**	**305**	**360**	**271**
dissolved oxygen	mg/L	**3.14**	**3.67**	**2.96**	**4.58**	**7.56**	**3.47**	**1.51**	**4.26**	**5.13**
ferrous iron	mg/L	**0.26**	**0.03**	0	**0.66**	**0.1**	**0.1**	**0.12**	**0.07**	0.00
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA
odor	Olfactory	None	None	None	None	None	None	None	None	None
ORP	MeV	**143.9**	**178.1**	**70.7**	**67**	**108.7**	**245.3**	**67.4**	**158.6**	**199.9**
pH	pH unit	**6.5**	**7.03**	**6.24**	**6.55**	**6.86**	**6.72**	**6.6**	**6.62**	**5.69**
temperature	degrees C	**10.63**	**10.31**	**10.72**	**11.02**	**11.03**	**10.31**	**12.02**	**11.57**	**11.17**
turbidity	NTU	**1.1**	**4.8**	**2.5**	**1.4**	**0.41**	**0.98**	**0.20**	**0.55**	**1.23**
water level	feet	NA	Artesian	Artesian	Artesian	Artesian	Artesian	**7.58**	**6**	Artesian

Highlighted values exceed cleanup standards for (

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-21-4 10/30/2008 NORM	MW-21-4 2/5/2009 NORM	MW-21-4 5/14/2009 NORM	MW-21-4 7/16/2009 NORM	MW-21-4 10/13/2009 NORM	MW-21-4 1/28/2010 NORM	MW-21-4 7/29/2010 NORM	MW-21-4 10/25/2010 NORM	MW-21-4 6/15/2011 NORM	MW-21-4 1/31/2013 NORM	MW-21-4 11/18/2013 NORM	MW-21-4 10/28/2014 NORM
Volatile Organics													
1,1,1-trichloroethane	ug/L	**11**	**9**	**11**	**11**	**9.1**	**8.7**	**8.3**	**5.3**	**3.4**	**3.3**	**4.7**	**3.5**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**1.3**	**1.7**	**5.6**	**6.1**	**11**	**9.5**	**3.1**	**1**	**0.79**	**0.63**	**0.58**	**0.63**
1,1-dichloroethene	ug/L	**6.2**	**7.1**	**14**	**15**	**16**	**18**	**9.3**	**4.3**	**4**	**2.4**	**3.0**	**2.5**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	2.2 U	2.2 U	2.2 U	2 U	2 U	**4.1**	2.2 U	2 U	2.1 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**1.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**0.27**	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	1 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**5.5**	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	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**2.5**	**2.3**	**3.3**	**3.7**	**5.6**	**4.7**	**3.2**	**1.9**	**1.5**	**1.1**	**1.2**	**1**
trichlorofluoromethane	ug/L	0.5 U J	0.5 U	0.5 U J	0.5 U	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	ug/L	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UL	0.5 U
Gases													
ethane	ug/L	1 U	2 U J	12 U	2 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	1 U	2 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	2 U	2 U J	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	
Metals													
arsenic	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**66**	**66**	**68**	**69**	**73**	**73**	**72**	**71**	**58**	**63**	**66**	
iron	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	
manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**7.8**	**6.8**	**7**	**7**	**7.1**	**7**	**6.6**	**6.2**	**5.1**	**4.9**	**5.7**	
Wet Chemistry		-											
chloride	mg/L	1 U	**7.3**	**16**	**11**	**13**	**13**	**9.8**	**7.3**	**3**	**3.4**	**3.5**	
nitrate as N	mg/L	**2.3**	**1.5**	**1.2**	**0.93**	**0.91**	**0.82**	**1.1**	**2.5**	**1.2**	**1.5 J**	**1.6**	
nitrite as N	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 UJ	0.05 U	
sulfate as SO4	mg/L												
carbon dioxide	mg/L												
alkalinity carbonate	mg/L	**190**	**190**	**190**	**190**	**200**	**200**	**210**	**200**	**160**	**160**	1.0 U	
total alkalinity	mg/L	**190**	**190**	**190**	**190**	**200**	**200**	**210**	**200**	**160**	**190**	**200**	
total organic carbon	mg/L	1 U	1 U	**1.3**	**1.4**	1 U	1 U	1 U	1 U	1 U	1 U	**1.1**	
sulfide	mg/L	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters													
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**498**	**323**	**314**	**327**	**335**	**317**	**299**	**352**	**261**	**297**	**182**	**386**
dissolved oxygen	mg/L	**3.07**	**3.72**	**2.72**	**4.63**	**6.83**	**3.21**	**2.49**	**4.97**	**6**	**5.21**	**1.43**	**2.82**
ferrous iron	mg/L	**0.01**	**0.05**	0	**0.26**	**0.06**	**0.12**	**0.11**	**0.04**	0.00	0.03	0.00	0.02
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.25**	**1.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**147.3**	**298.8**	**75.9**	**73**	**106.9**	**245.8**	**106.1**	**169.8**	**200.7**	**167.8**	**198.7**	**121.7**
pH	pH unit	**6.56**	**6.95**	**6.25**	**6.52**	**6.94**	**6.74**	**6.59**	**6.6**	**5.57**	**6.68**	**6.73**	**7.24**
temperature	degrees C	**10.39**	**10.29**	**10.72**	**11.2**	**11.01**	**9.62**	**11.97**	**11.51**	**11.16**	**10.65**	**11.2**	**10.71**
turbidity	NTU	**0.25**	**3.9**	**2.8**	**0.85**	**0.43**	**0.85**	0.00	0.00	**1.13**	**2.10**	**0.80**	NA
water level	feet	NA	Artesian	Artesian	Artesian	Artesian	Artesian	**7.58**	**6.08**	Artesian	Artesian	Artesian	NA

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-21-5 10/30/2008 NORM	MW-21-5 2/5/2009 NORM	MW-21-5 5/14/2009 NORM	MW-21-5 7/16/2009 NORM	MW-21-5 10/13/2009 NORM	MW-21-5 1/28/2010 NORM	MW-21-5 7/29/2010 NORM	MW-21-5 10/25/2010 NORM	MW-21-5 6/15/2011 NORM	MW-21-5 1/31/2013 NORM	MW-21-5 11/18/2013 NORM	MW-21-5 10/28/2014 NORM
Volatile Organics													
1,1,1-trichloroethane	ug/L	**12**	**8.4**	**11**	**10**	**8.5**	**8.4**	**7.8**	**6.2**	**4**	**3.3**	**4.6**	**3.4**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**2.8**	**2.1**	**5.9**	**6**	**10**	**9.9**	**3.8**	**2.1**	**1.1**	**0.5 U**	**0.55**	**0.59**
1,1-dichloroethene	ug/L	**9.4**	**7.2**	**13**	**14**	**17**	**18**	**9.9**	**6.4**	**4.4**	**2.3**	**2.9**	**2.4**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	2.1 U	**3.4**	**2.5**	2 U	2 U	**4.3**	2.1 U	2.1 U	2.2 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 UJ	0.5 U	0.5 UL	0.5 U
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	1 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**0.21**	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	1 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**13**	**1**	**0.58**	0.5 U	**0.68**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**4.3**	**3.2**	**4.1**	**4.2**	**5.0**	**4.9**	**3.9**	**2.9**	**1.6**	**1.2**	**1.2**	**1.1**
trichlorofluoromethane	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UL	0.5 U
Gases													
ethane	ug/L	1 U	2 U J	12 U	2 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	1 U	2 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	2 U	2 U J	10 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	
Metals													
arsenic	mg/L	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**64**	**67**	**66**	**68**	72	**73**	**71**	**67**	**59**	**64**	**67**	
iron	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	
manganese	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**7**	**6.9**	**7**	**7**	**7**	**7**	**6.7**	**6.3**	**5.2**	**4.9**	**5.7**	
Wet Chemistry													
chloride	mg/L	**10**	**7.4**	**20**	**11**	**14**	**13**	**9.8**	**8.3**	**3.2**	**3.3**	**3.4**	
nitrate as N	mg/L	**1.5**	**1.6**	**1.3**	**1**	**0.88**	**0.8**	**1.1**	**1.8**	**1.2**	**1.5 J**	**1.6**	
nitrite as N	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 UJ	0.05 U	
sulfate as SO4	mg/L												
carbon dioxide	mg/L												
alkalinity carbonate	mg/L	**190**	**190**	**190**	**200**	**190**	**210**	**210**	**200**	**170**	**190**	1.0 U	
total alkalinity	mg/L	**190**	**190**	**190**	**200**	**190**	**210**	**210**	**200**	**170**	**190**	**190**	
total organic carbon	mg/L	1 U	1 U	**1.1**	**1.5**	1 U	1 U	1 U	1 U	1 U	1 U	**1.0**	
sulfide	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.01**	**0.012**	0.01 U	
Purge Parameters													
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**496**	**333**	**319**	**323**	**334**	**328**	**293**	**346**	**264**	**297**	**182**	**386**
dissolved oxygen	mg/L	**4.06**	**3.4**	**2.47**	**3.88**	**6.99**	**2.93**	**2.77**	**4.6**	**5.86**	**5.48**	**2.36**	**2.97**
ferrous iron	mg/L	0	**0.02**	**0.04**	**0.62**	0	**0.18**	**0.19**	**0.06**	0	0	0.03	0.01
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.25**	**1.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**132**	NA	**76.8**	**76.5**	**112.7**	**241.1**	**127.4**	**181.2**	**200.4**	**169.0**	**237.0**	**126.3**
pH	pH unit	**6.58**	**6.91**	**6.28**	**6.52**	**6.88**	**6.78**	**6.68**	**6.61**	**5.59**	**6.8**	**6.73**	**7.25**
temperature	degrees C	**10.39**	**10.64**	**10.69**	**10.73**	**10.96**	**10.25**	**11.65**	**11.41**	**11.06**	**10.83**	**11.2**	**10.65**
turbidity	NTU	**0.95**	**3.5**	**4.2**	**0.65**	**0.08**	**0.22**	0.00	0.00	**0.93**	**1.60**	**0.40**	NA
water level	feet	NA	Artesian	Artesian	Artesian	Artesian	Artesian	**7.58**	**6.13**	Artesian	Artesian	Artesian	NA

Highlighted values exceed cleanup standards for

Monitored Natural Attenuation Data Summary
Mohonk Road Industrial Plant Superfund Site

Analyte	Unit	MW-21-6 10/30/2008 NORM	MW-21-6 2/5/2009 NORM	MW-21-6 5/14/2009 NORM	MW-21-6 7/16/2009 NORM	MW-21-6 10/13/2009 NORM	MW-21-6 1/28/2010 NORM	MW-21-6 7/29/2010 NORM	MW-21-6 10/25/2010 NORM	MW-21-6 6/15/2011 NORM	MW-21-6 1/31/2013 NORM	MW-21-6 11/18/2013 NORM	MW-21-6 10/28/2014 NORM
Volatile Organics													
1,1,1-trichloroethane	ug/L	**2.5**	**3.1**	**4**	**3.5**	**5.4**	**2.8**	**1.4**	**3.1**	**2**	**3.4**	**4.3**	**2.7**
1,1,2,2-tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**23**	**15**	**16**	**15**	**13**	**17**	**18**	**11**	**8.5**	**0.85**	**0.62**	**1.1**
1,1-dichloroethene	ug/L	**24**	**18**	**20**	**19**	**16**	**21**	**21**	**15**	**11**	**2.8**	**2.9**	**2.5**
1,2,3-trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dibromo-3-chloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-dioxane	ug/L	**9.1**	2.1 U	**5.2**	**3.3**	2 U	**6**	**3.7**	**2.7**	2.1 U	NA	2.0 U	NA
2-butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
2-hexanone	ug/L	10 U	10 U	5 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 UJ	5 U
4-methyl-2-pentanone	ug/L	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
acetone	ug/L	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ
carbon disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	**0.91**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	1 U	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	ug/L	**0.9**	**0.54**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UL	0.5 U
ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methyl acetate	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	1 UJ	0.5 U	0.5 U	0.5 U
methyl tert-butyl ether	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
methylcyclohexane	ug/L	1 U	1 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-xylene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	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	ug/L	**63**	**46**	**38**	**33**	**8.3**	**11**	**16**	**15**	**5.5**	**0.5 U**	**0.69**	**0.43 J**
trans-1,2-dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UJ	0.5 U
trichloroethene	ug/L	**3.3**	**2.9**	**2.9**	**2.9**	**3.8**	**3.7**	**2.8**	**2.6**	**2**	**1**	**1.2**	**0.97**
trichlorofluoromethane	ug/L	0.5 U J	0.5 U	0.5 U	0.5 U	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	ug/L	0.5 U	0.5 U J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U J	0.5 U	0.5 UL	0.5 U
Gases													
ethane	ug/L	1 U	2 U J	12 U	2 U	12 U	2 U	2 U	2 U	2 U	2 U	2 U	
ethene	ug/L	1 U	2 U J	17 U	2 U	17 U	2 U	2 U	2 U	2 U	2 U	2 U	
methane	ug/L	**5.5**	2 U J	10 U	**6.0**	10 U	2 U	**3.2**	**4.5**	2 U	2 UL	2 U	
Metals													
arsenic	mg/L	**0.011**	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	**0.014**	0.008 U	0.008 U	0.008 U	0.008 U	
calcium	mg/L	**69**	**71**	**70**	**71**	**72**	**73**	**74**	**70**	**67**	**65**	**66**	
iron	mg/L	**1.4**	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	**0.054**	0.005 U	0.050 U	0.050 U	0.050 U	
manganese	mg/L	**0.02**	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	
sodium	mg/L	**7.3**	**7.1**	**7.1**	**7**	**7**	**7**	**7**	**6.5**	**6.1**	**5.1**	**5.7**	
Wet Chemistry													
chloride	mg/L	**6.5**	**13**	**16**	**15**	**13**	**15**	**17**	**14**	**6.7**	**3.8**	**3.4**	
nitrate as N	mg/L	**0.24 J**	**0.6**	**0.57**	**0.4**	**0.57**	**0.3**	**0.28**	**0.8**	**0.65**	**1.5 J**	**1.6**	
nitrite as N	mg/L	0.05 U J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 UJ	0.05 U	
sulfate as SO4	mg/L												
carbon dioxide	mg/L												
alkalinity carbonate	mg/L	**210**	**200**	**200**	**210**	**210**	**210**	**220**	**210**	**190**	**200**	1.0 U	
total alkalinity	mg/L	**210**	**200**	**200**	**210**	**210**	**210**	**220**	**210**	**190**	**200**	**200**	
total organic carbon	mg/L	1 U	1 U	**1.2**	**1.4**	1 U	1 U	1 U	1 U	1 U	1 U	**2.2**	
sulfide	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.012**	0.01 U	0.01 U	0.01 U	0.01 U	
Purge Parameters													
color	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
conductivity	µmhos/cm	**537**	**360**	**337**	**344**	**337**	**335**	**318**	**369**	**304**	**247**	**182**	**389**
dissolved oxygen	mg/L	**1.07**	**1.4**	**1.59**	**1.42**	**6.22**	**1.54**	**0.56**	**4.55**	**2.37**	**5.39**	**2.16**	**1.84**
ferrous iron	mg/L	**0.06**	**0.01**	**0.03**	**0.34**	**0.02**	**0.03**	**0.04**	**0.2**	0	0.03	**0.04**	**0.11**
flow rate	mL/min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gallons purged	gal	NA	NA	NA	Na	NA	NA	NA	NA	NA	NA	**5.25**	**1.75**
odor	Olfactory	None	None	None	None	None	None	None	None	None	None	None	None
ORP	MeV	**133.1**	**242.2**	**62.9**	**62.5**	**112.7**	**236.7**	**125.4**	**163.7**	**199.6**	**167.4**	**231.8**	**127.7**
pH	pH unit	**6.63**	**7.1**	**6.33**	**6.51**	**6.92**	**6.84**	**6.72**	**6.68**	**5.7**	**6.82**	**6.70**	**7.41**
temperature	degrees C	**10.46**	**10.43**	**10.75**	**10.91**	**10.87**	**10.08**	**11.85**	**11.45**	**11.14**	**10.69**	**11.1**	**10.85**
turbidity	NTU	**39**	**4.3**	**3.1**	**0.8**	**0.32**	**0.19**	**4.6**	**3.0**	**1.17**	**1.78**	**0.50**	NA
water level	feet	NA	Artesian	Artesian	Artesian	Artesian	Artesian	**7.58**	**6.13**	Artesian	Artesian	Artesian	NA

Highlighted values exceed cleanup standards for

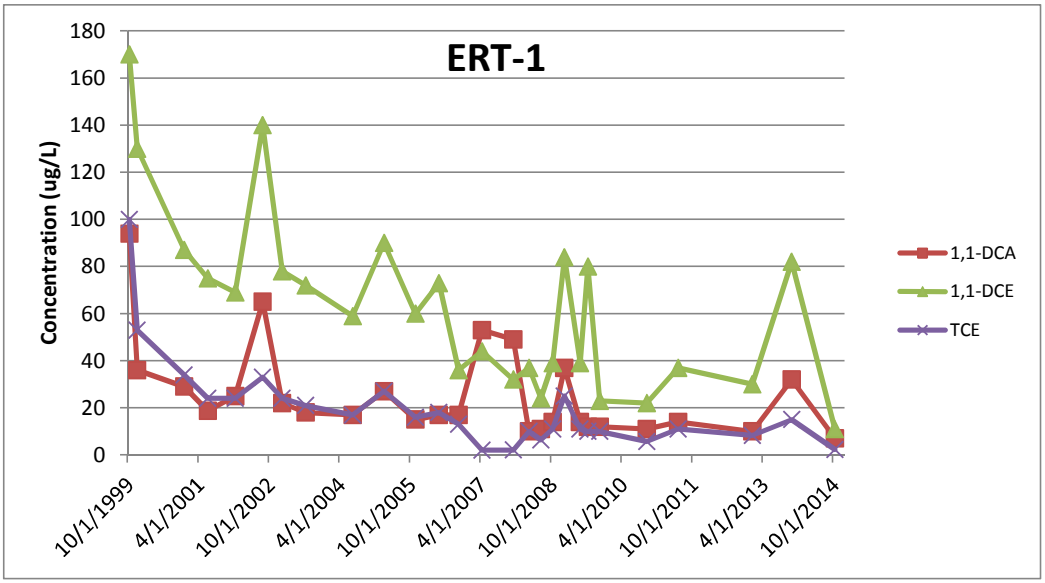
Appendix D

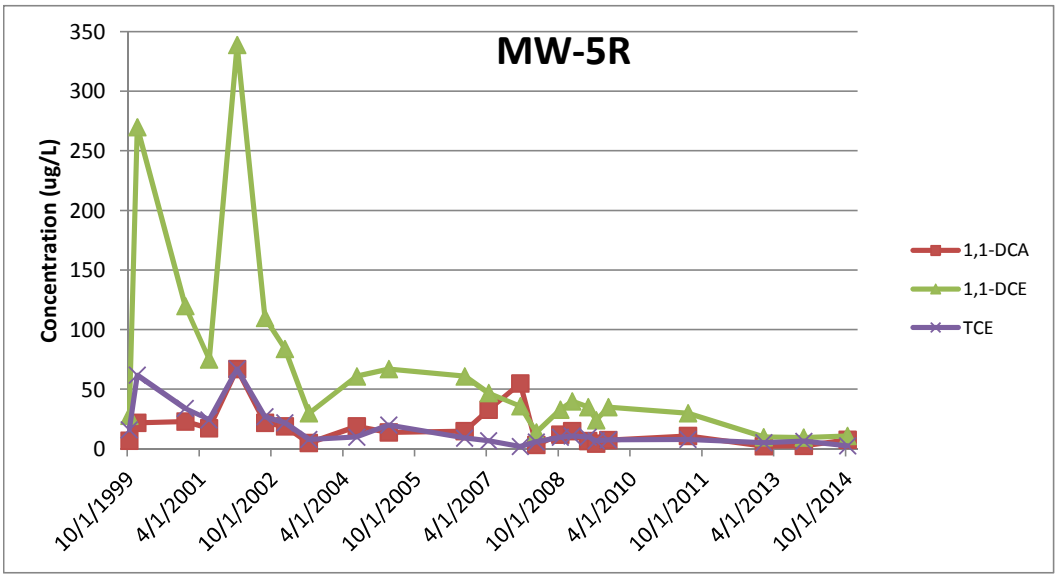
October 2014 Sampling Trip Report

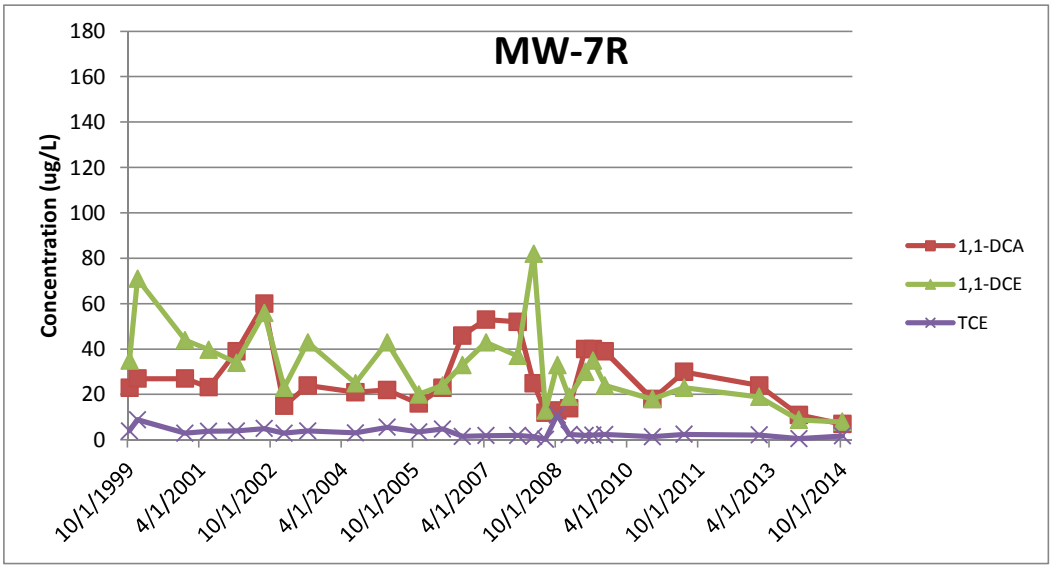
Appendix E

COC Concentrations Trend Graphs

Mohonk Road Industrial Plant Superfund Site
Source Area Extraction Well Trend Graphs

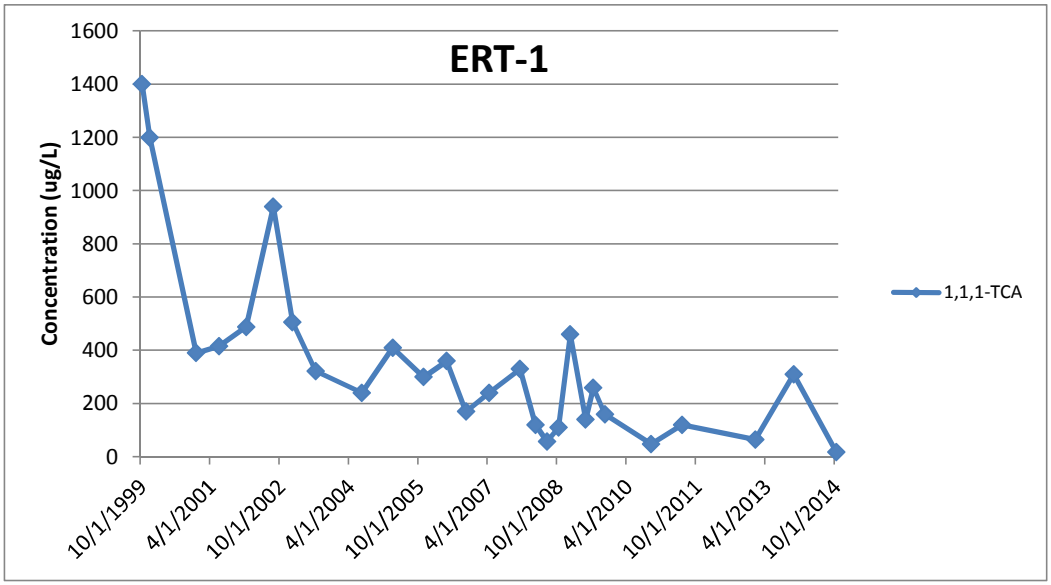


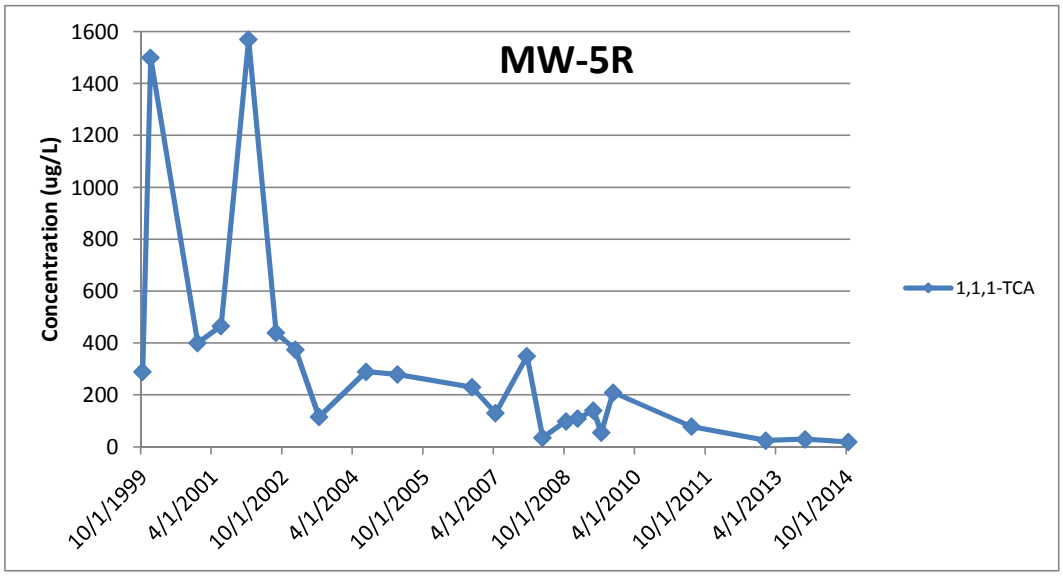


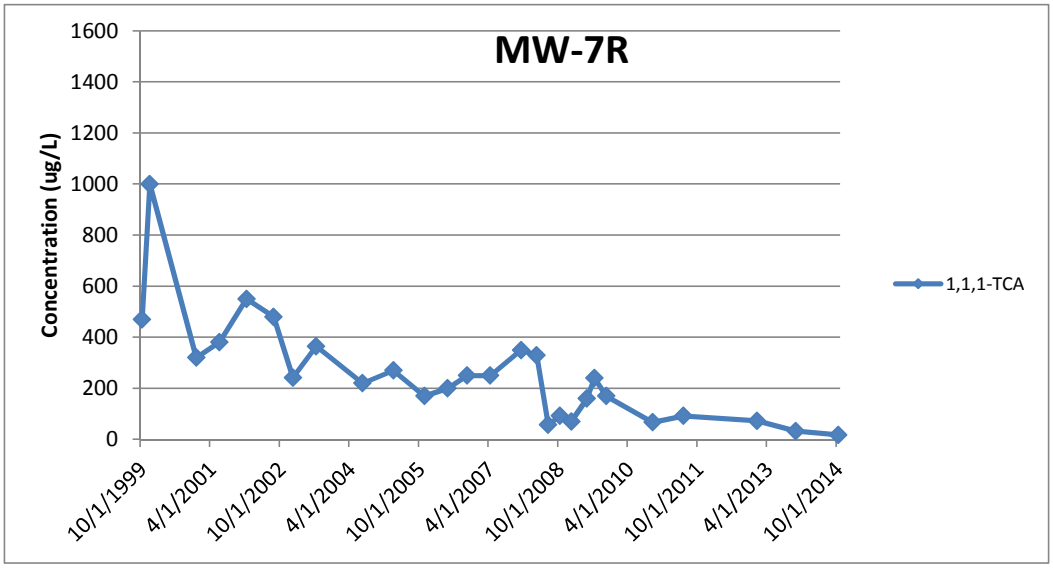


Note: Y-axis scale for MW-5R differs due to concentration orders of magnitude

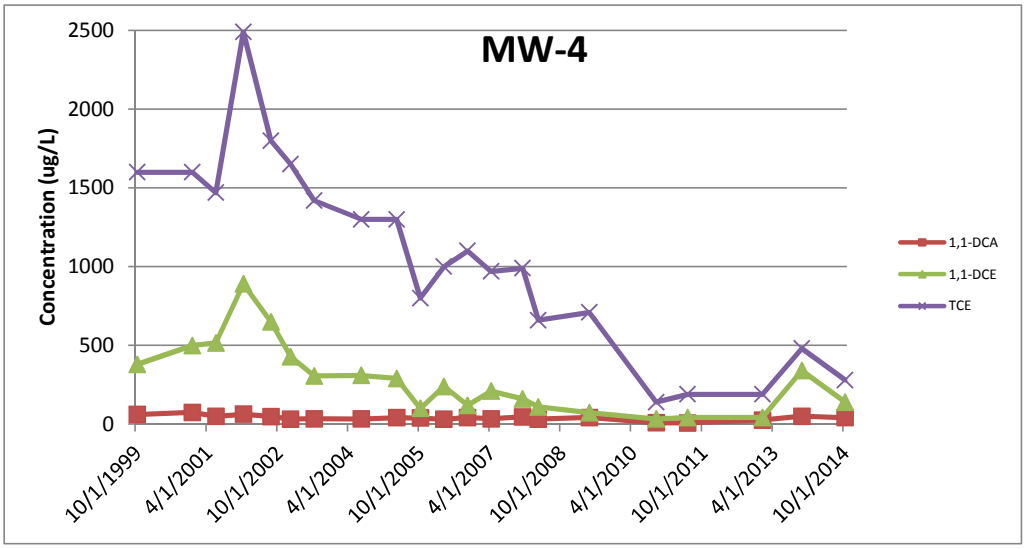
Mohonk Road Industrial Plant Superfund Site
Source Area Extraction Well Trend Graphs

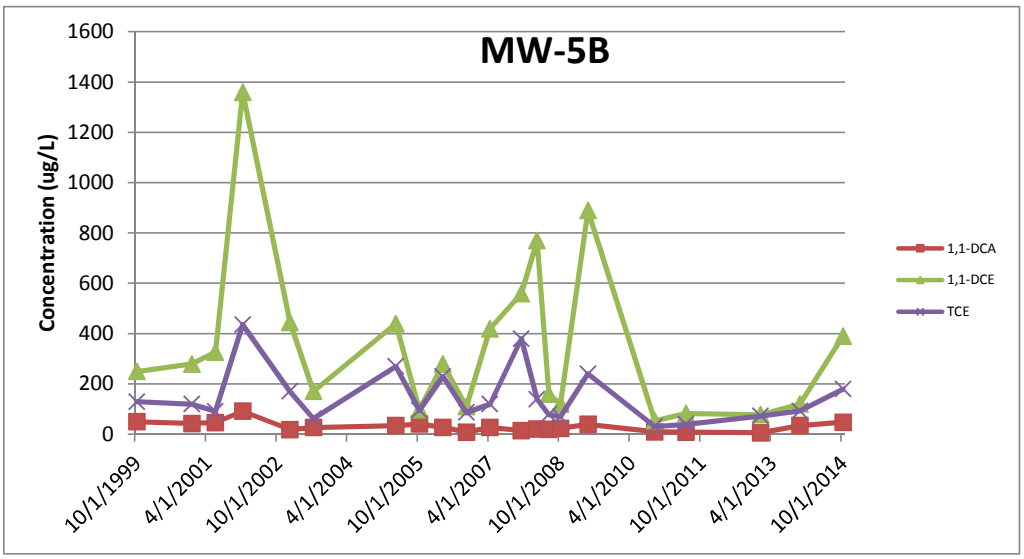


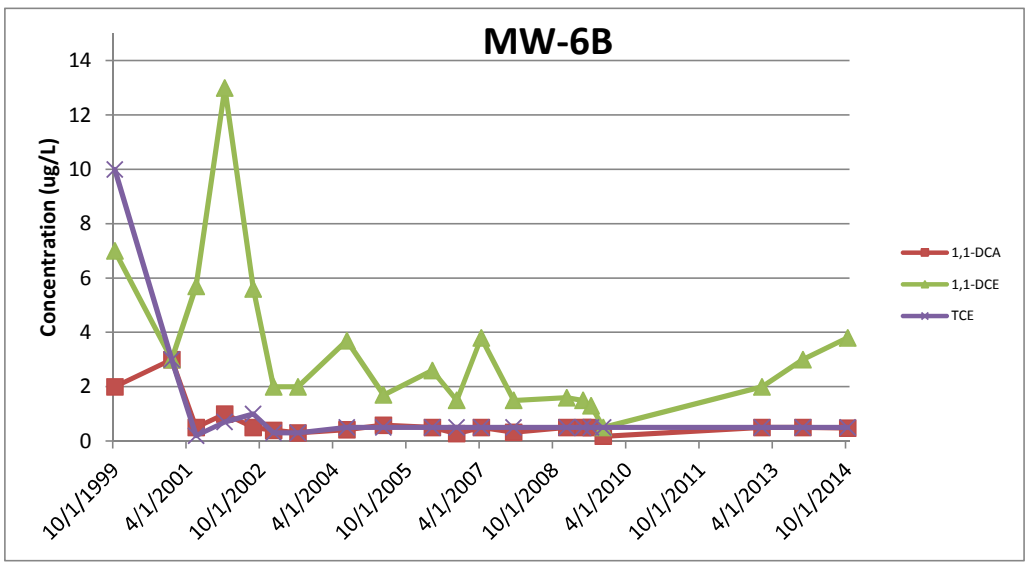




Mohonk Road Industrial Plant Superfund Site
Source Area Well Trend Graphs

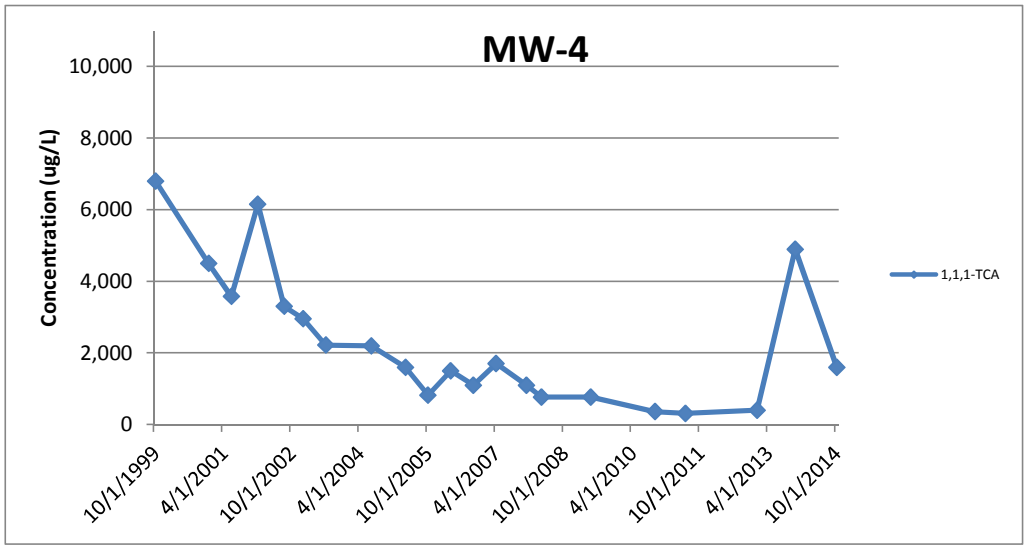


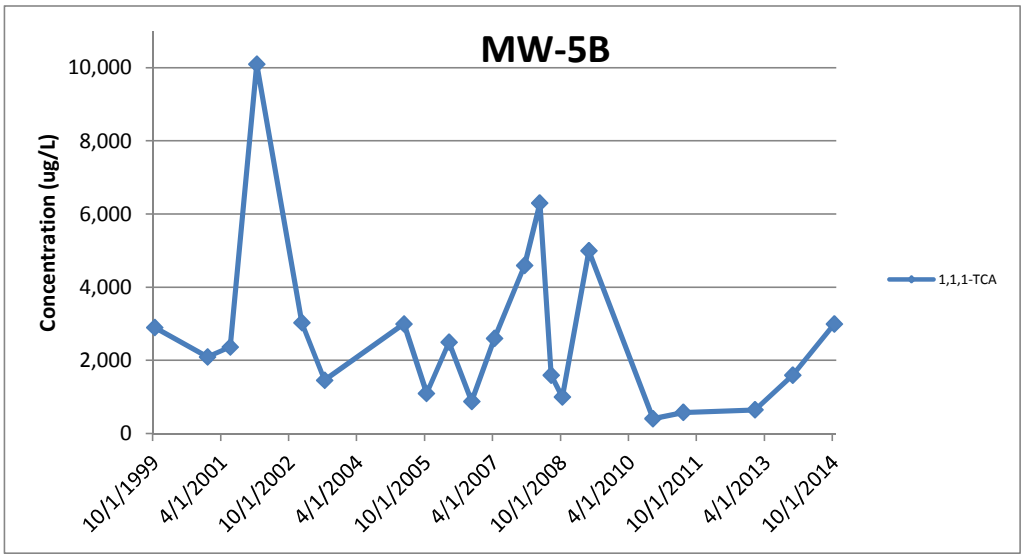


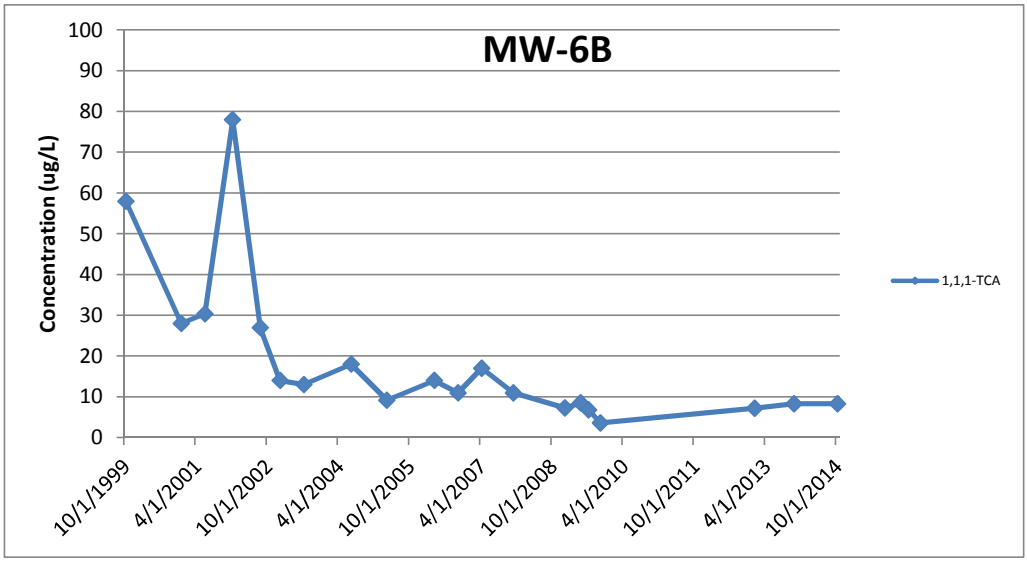


Note: Y-axis scale for MW-6B differs due to concentration orders of magnitude
MW-6B is a background/side-gradient well

Mohonk Road Industrial Plant Superfund Site
Source Area Well Trend Graphs

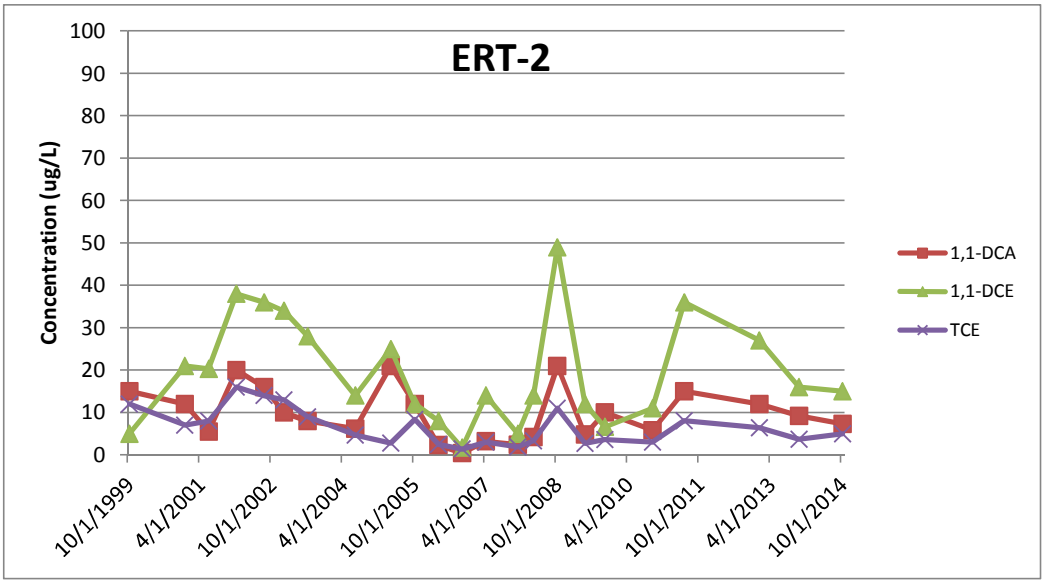


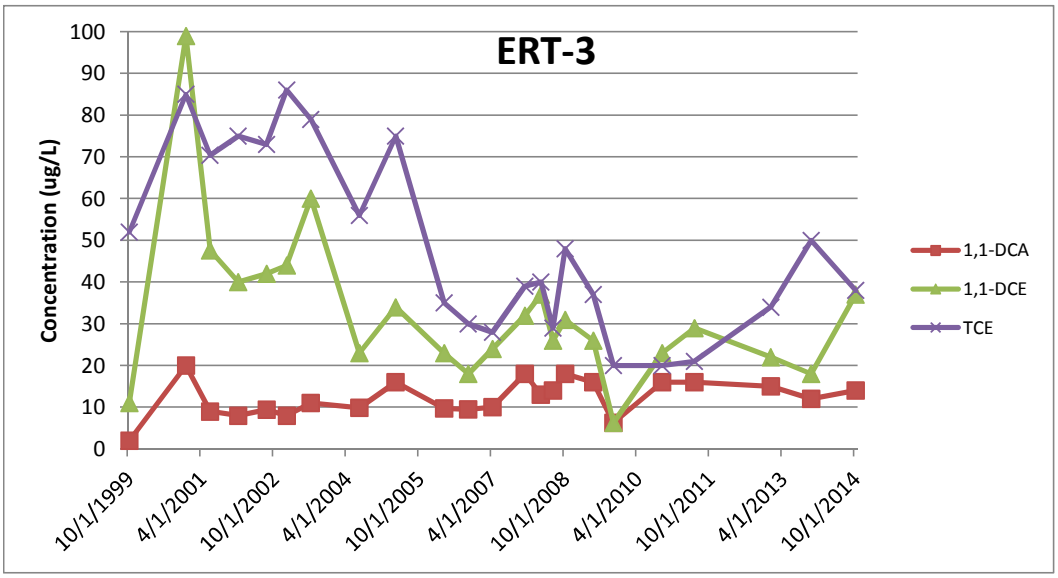


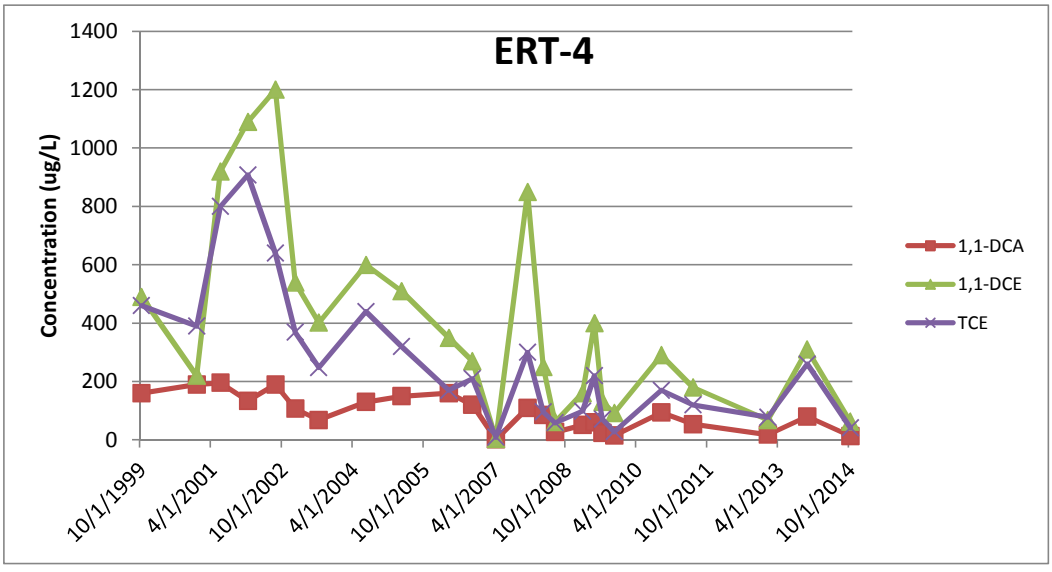


Note: Y-axis scale for MW-6B differs due to concentration orders of magnitude
MW-6B is a background/side-gradient well

Mohonk Road Industrial Plant Superfund Site
Source Area Well Trend Graphs

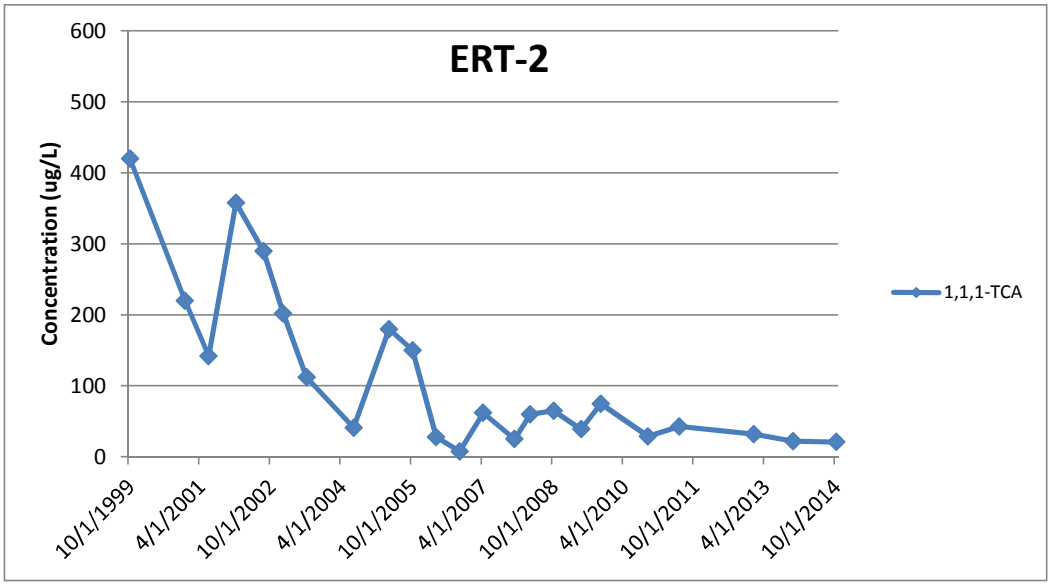


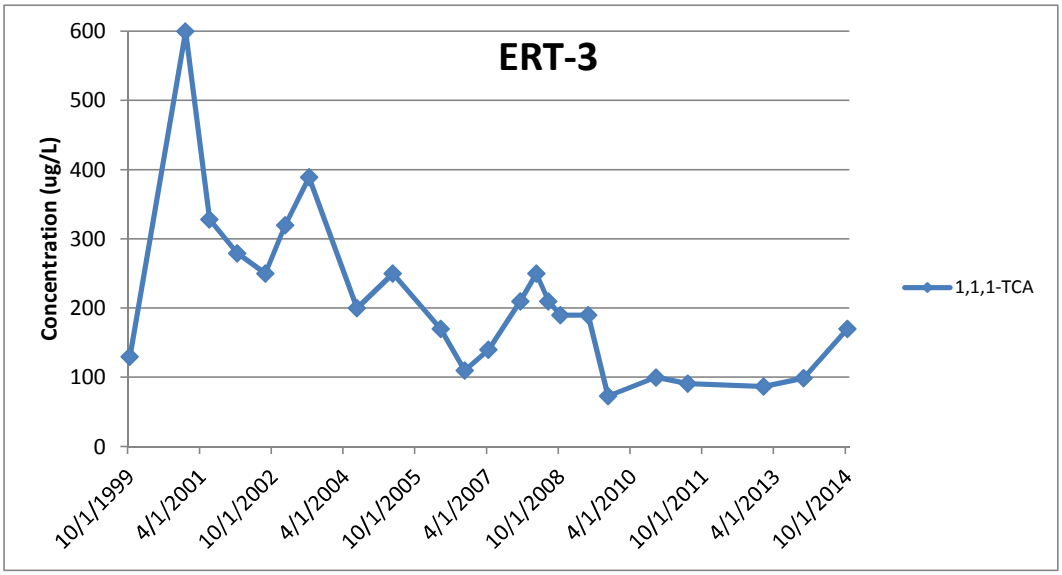


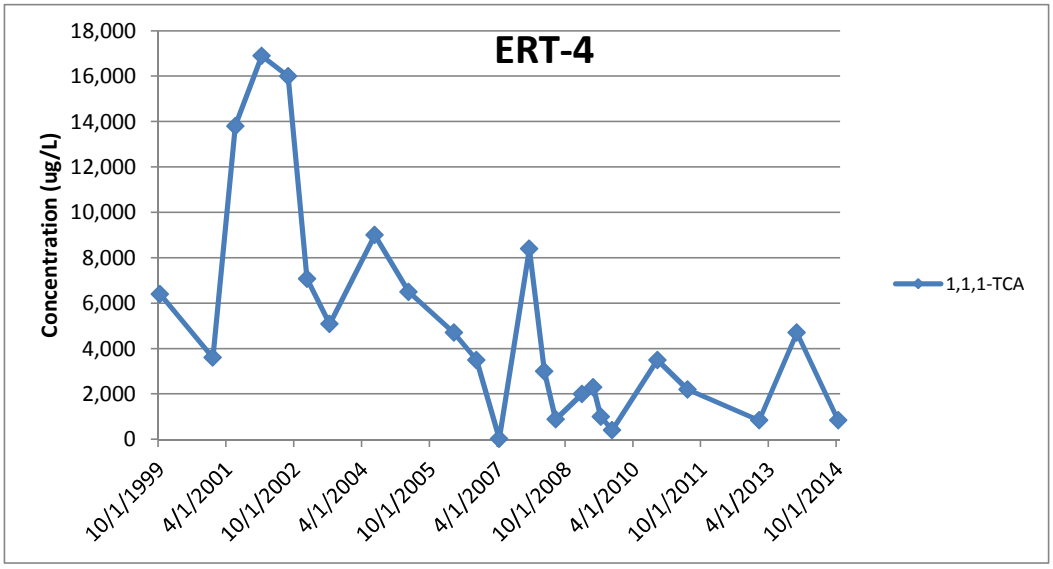


Note: Y-axis scale for ERT-4 differs due to concentration orders of magnitude

Mohonk Road Industrial Plant Superfund Site
Source Area Well Trend Graphs

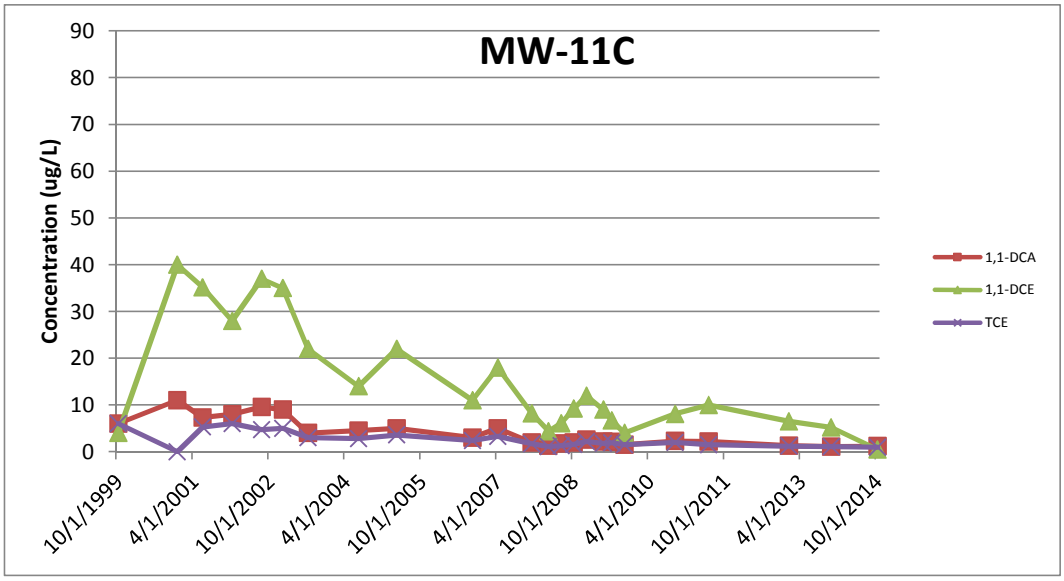


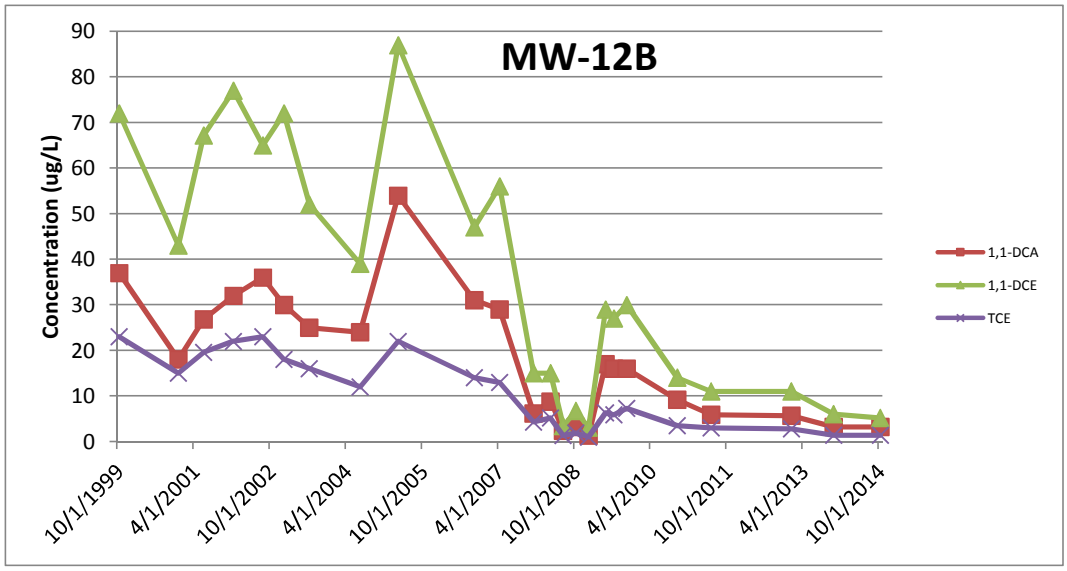


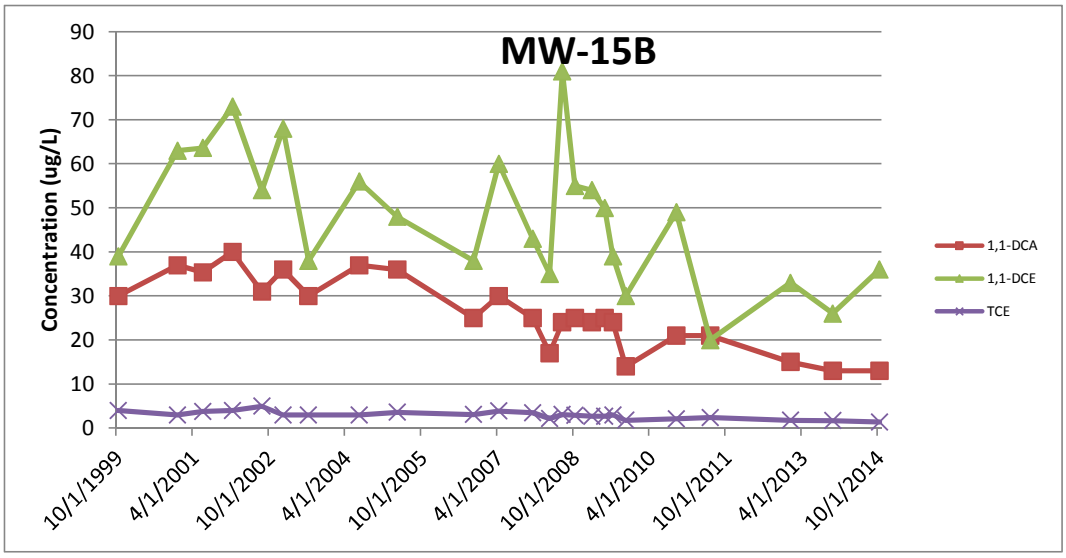


Note: Y-axis scale for ERT-4 differs due to concentration orders of magnitude

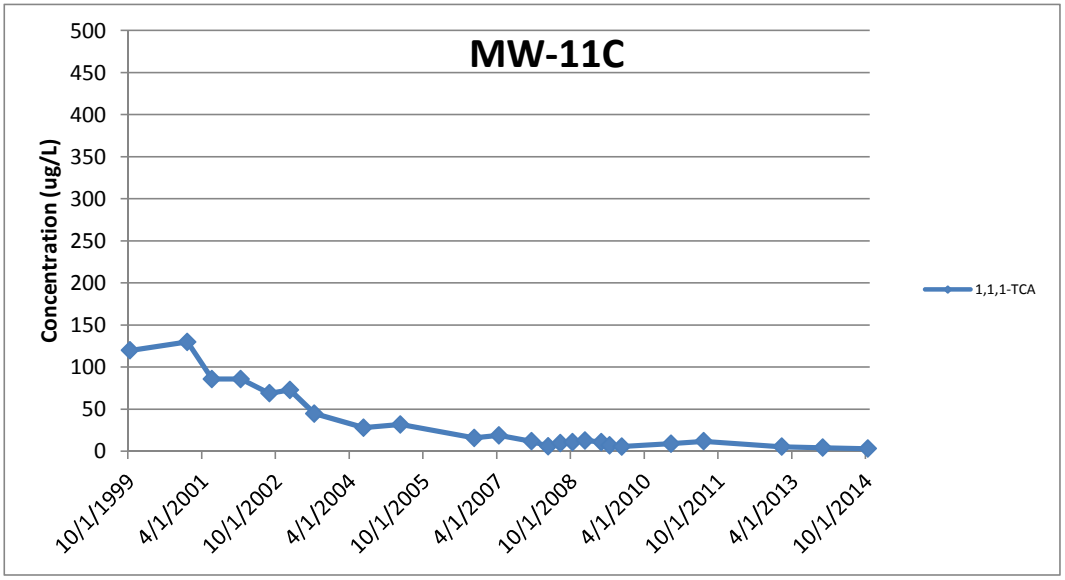
Mohonk Road Industrial Plant Superfund Site
Mid-Plume Well Trend Graphs

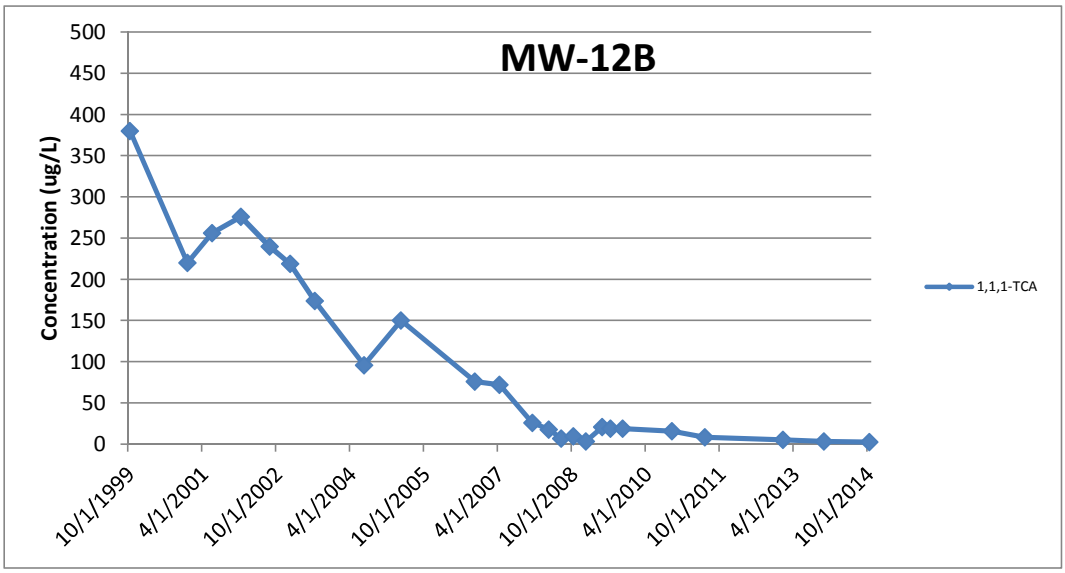


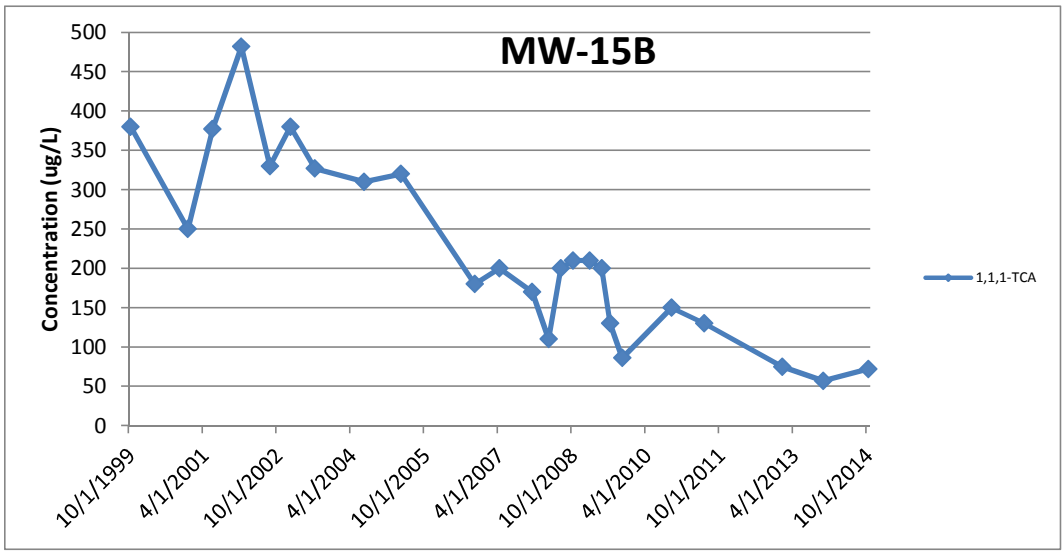




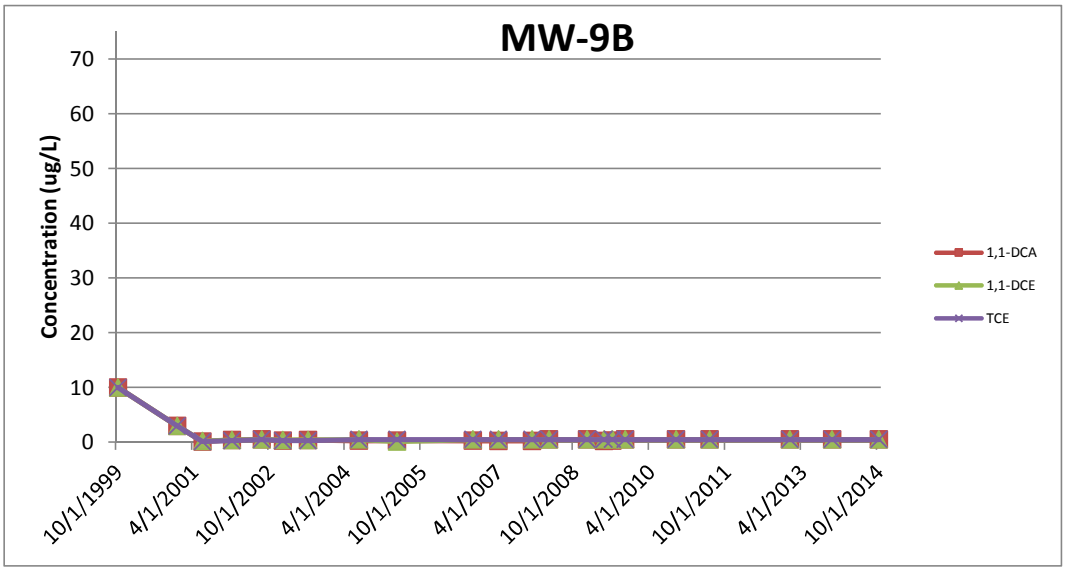
Mohonk Road Industrial Plant Superfund Site
Mid-Plume Well Trend Graphs

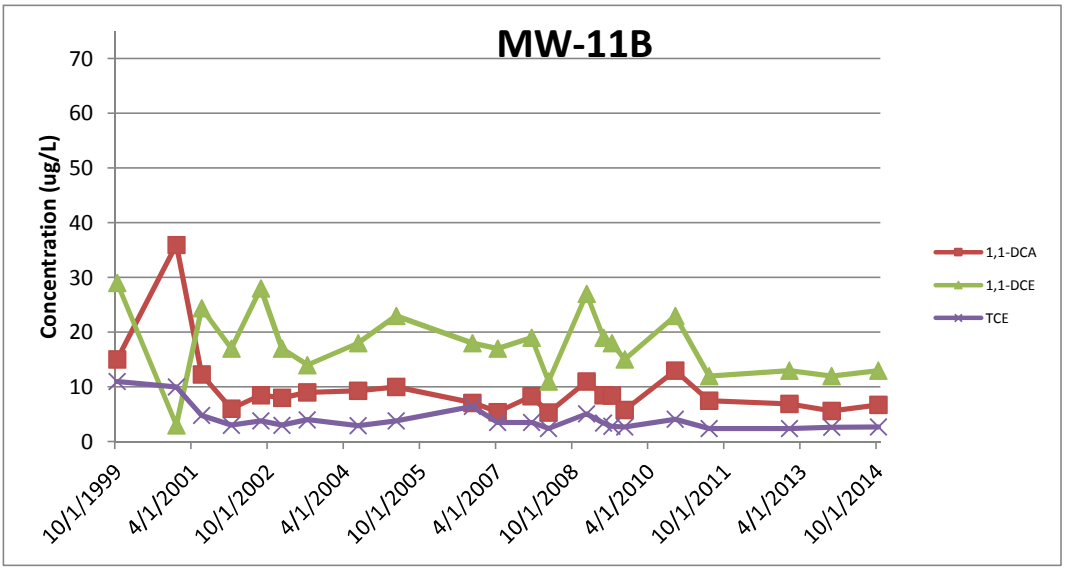


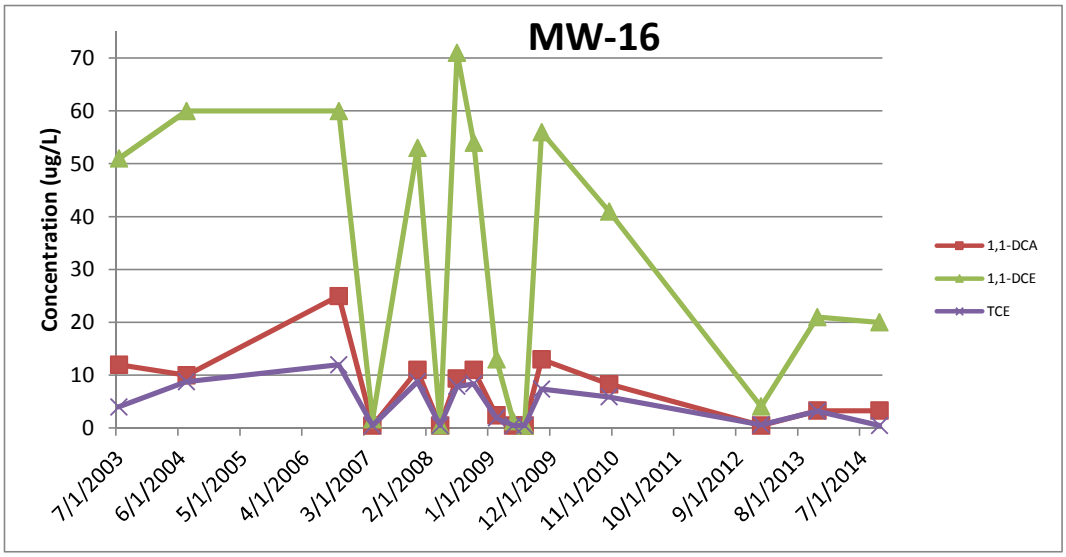




Mohonk Road Industrial Plant Superfund Site
Mid-Plume Well Trend Graphs

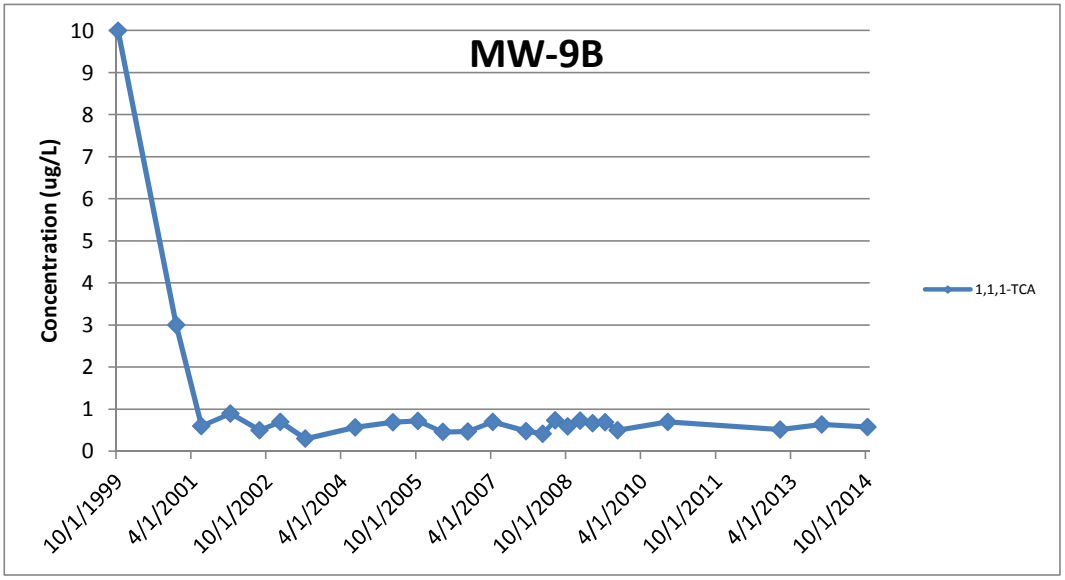


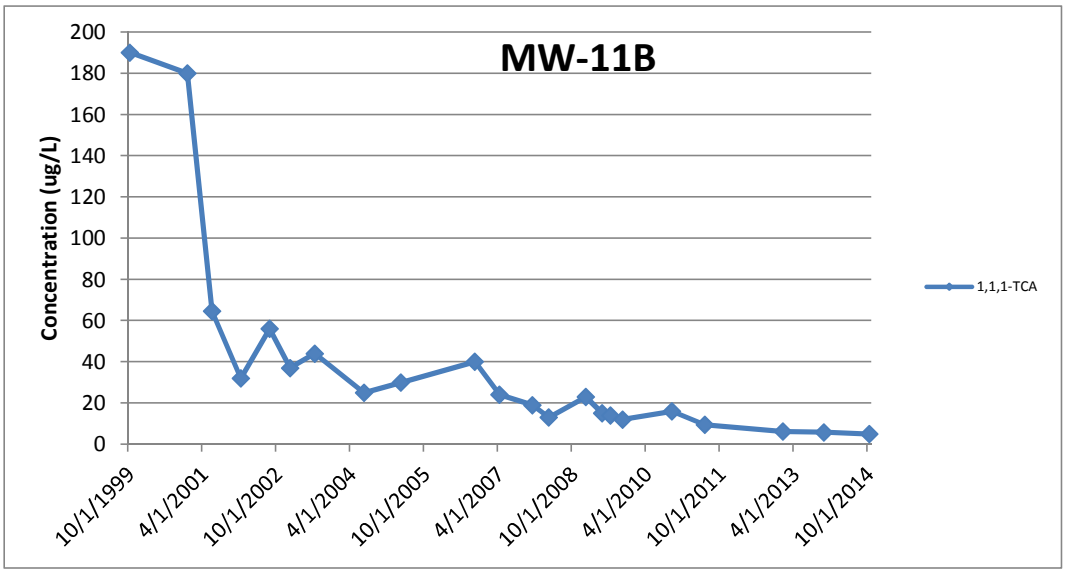


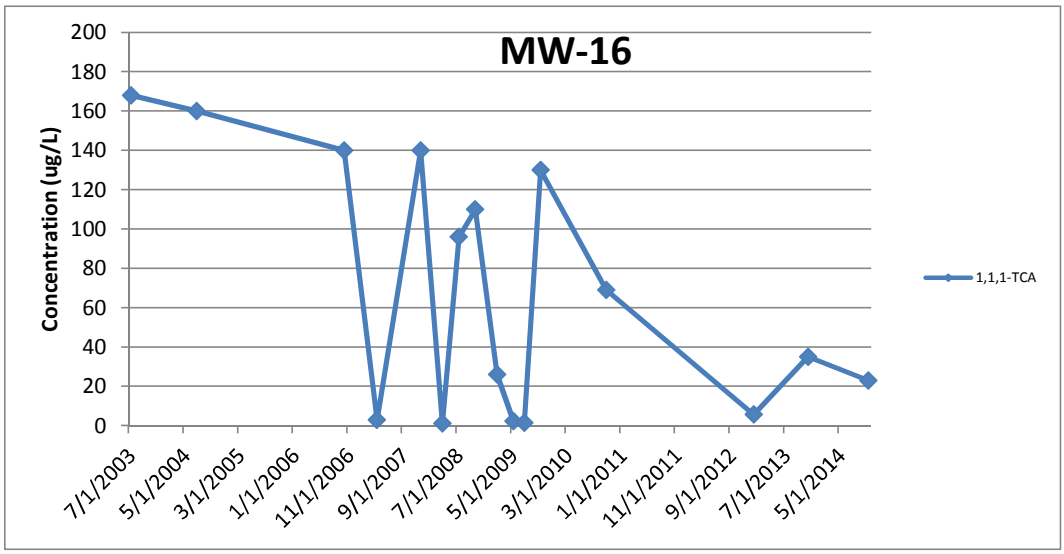


Note: DCA, DCE, and TCE for MW-9B historically <0.5 ug/l

Mohonk Road Industrial Plant Superfund Site
Mid-Plume Well Trend Graphs







Note: Y-axis scale for MW-9B differs due to concentration orders of magnitude

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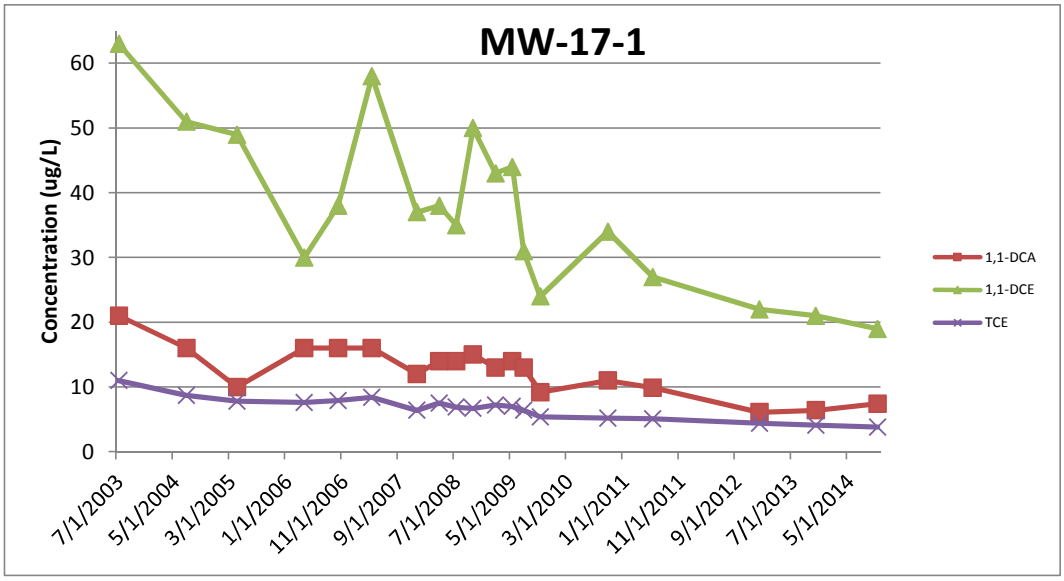

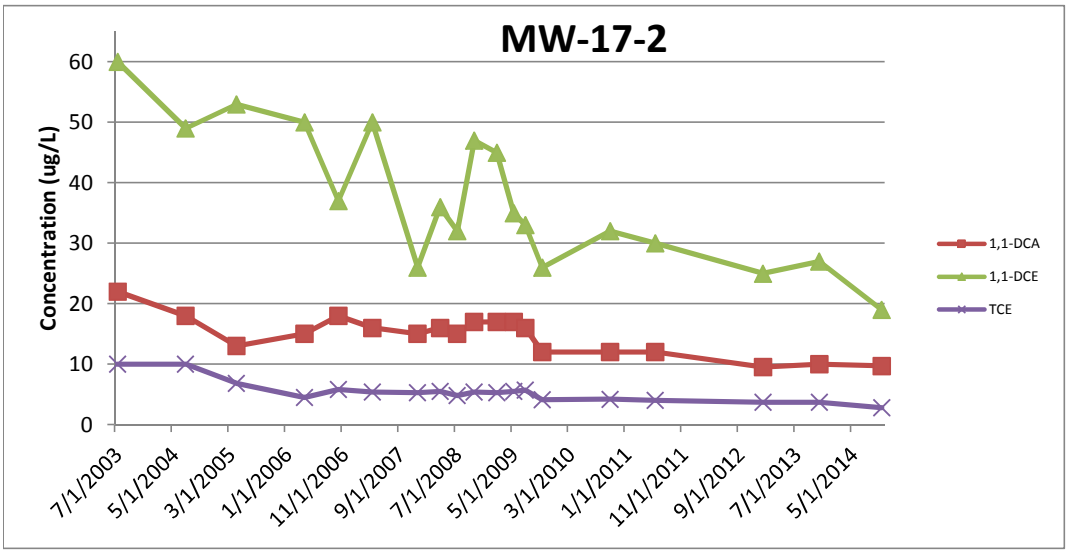

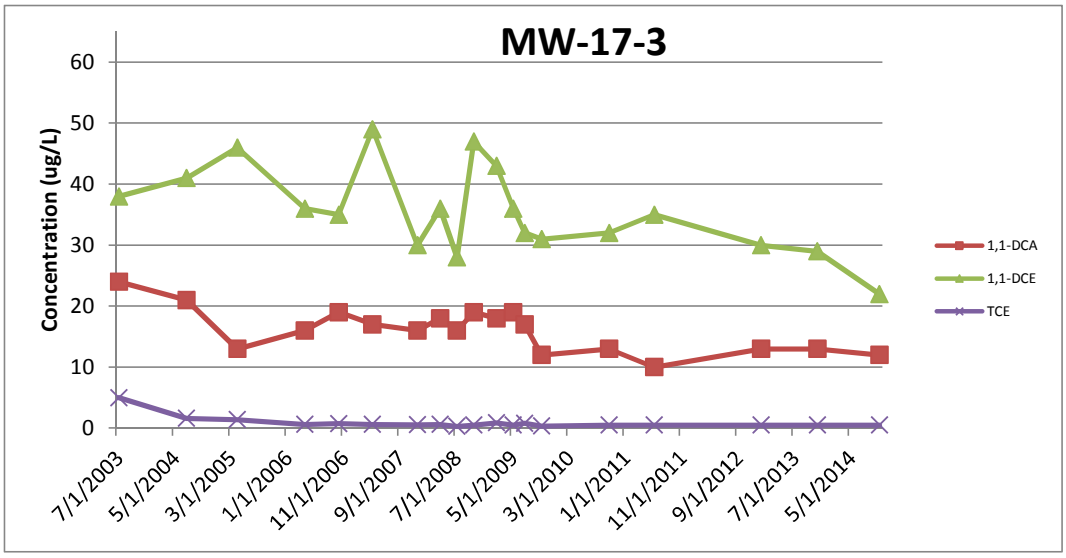

Note: Detection limit for compounds 0.5 ug/l

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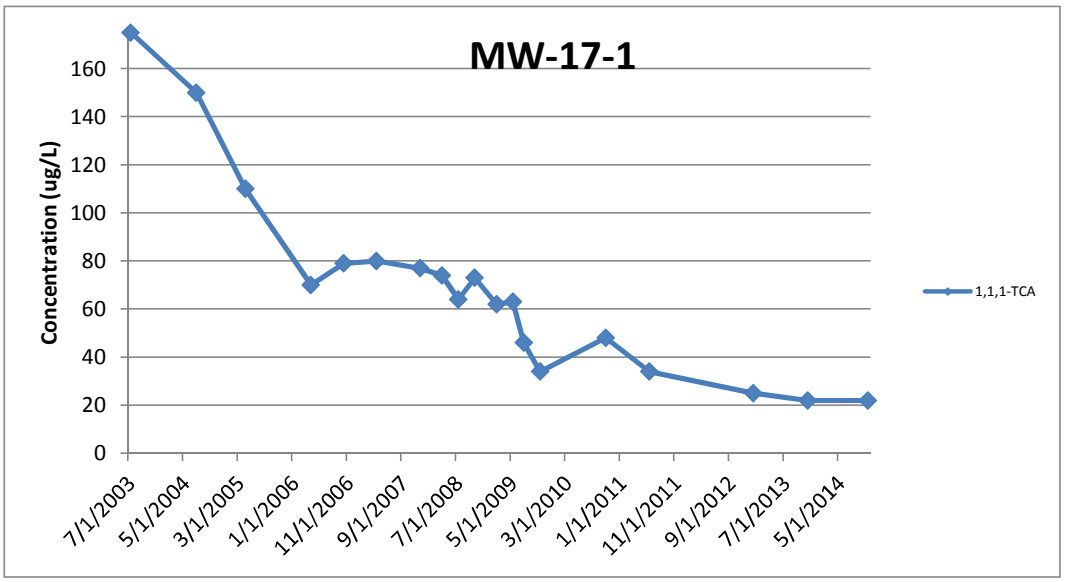

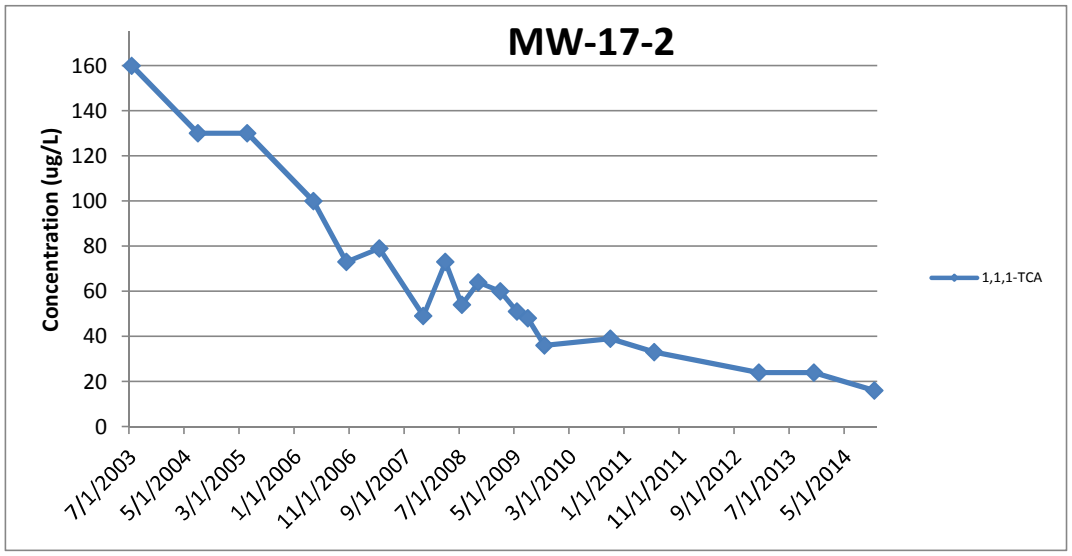

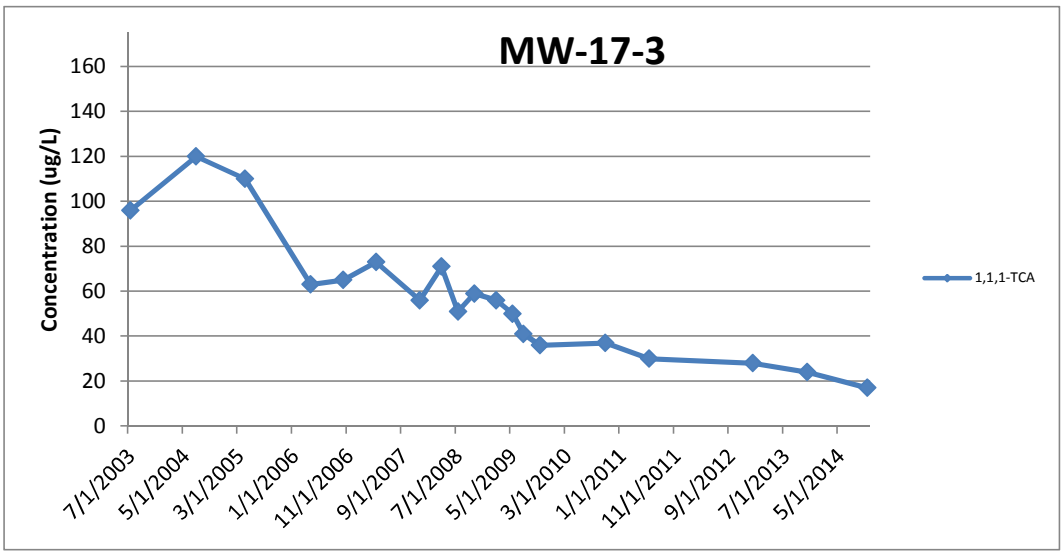

Note: Detection limit for compounds 0.5 ug/l

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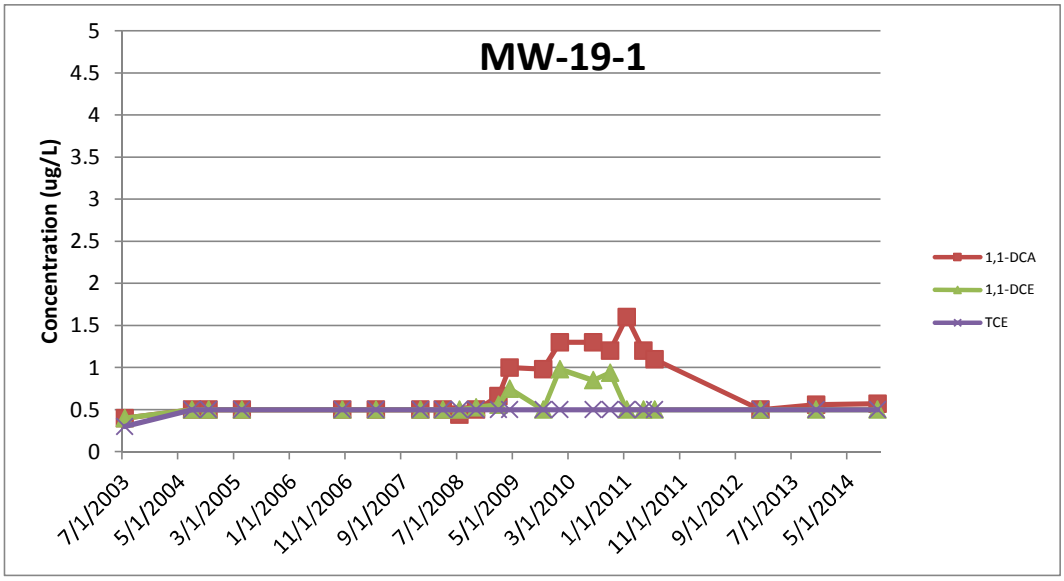

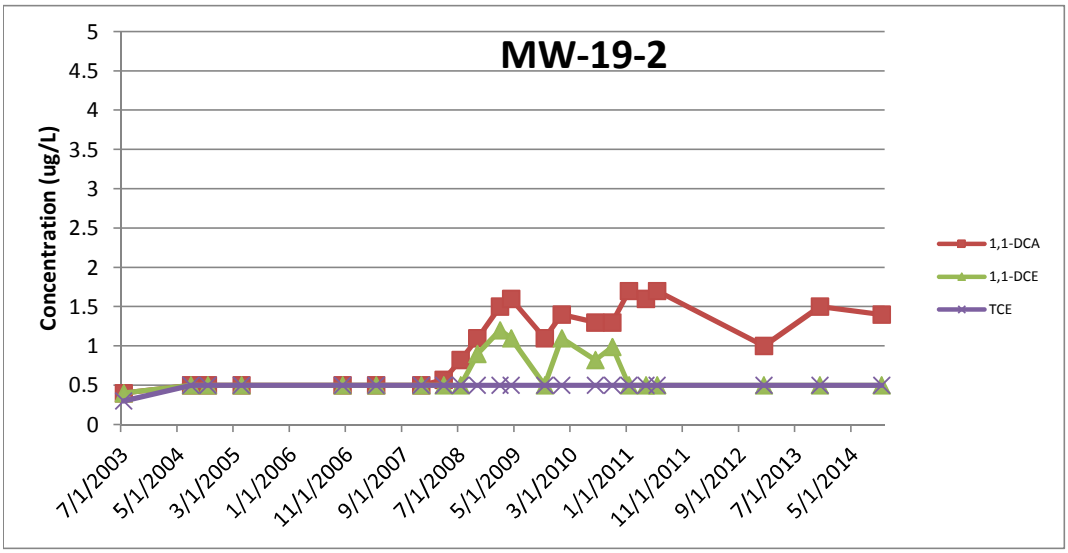

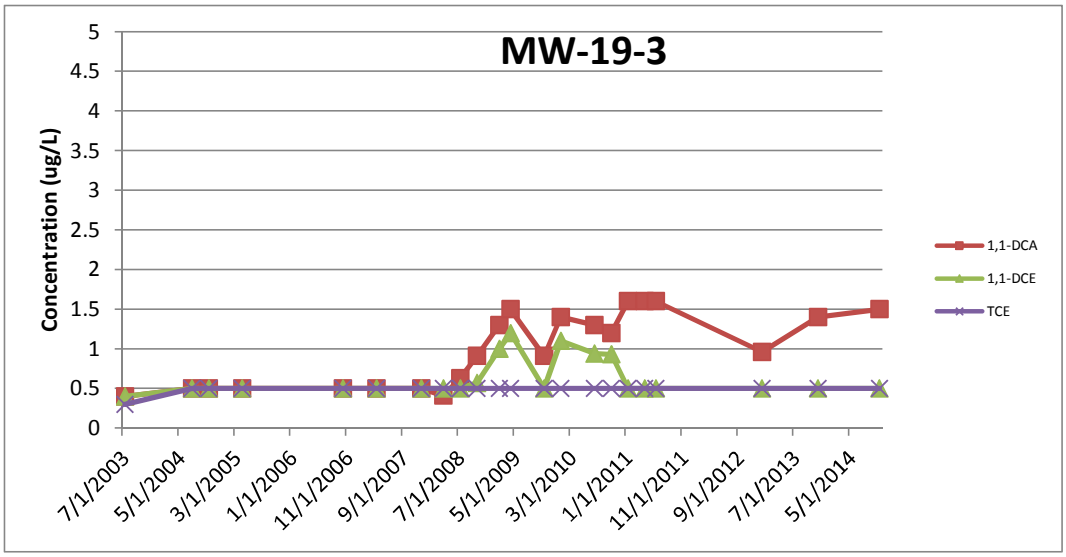

Note: Detection limit for compounds 0.5 ug/l

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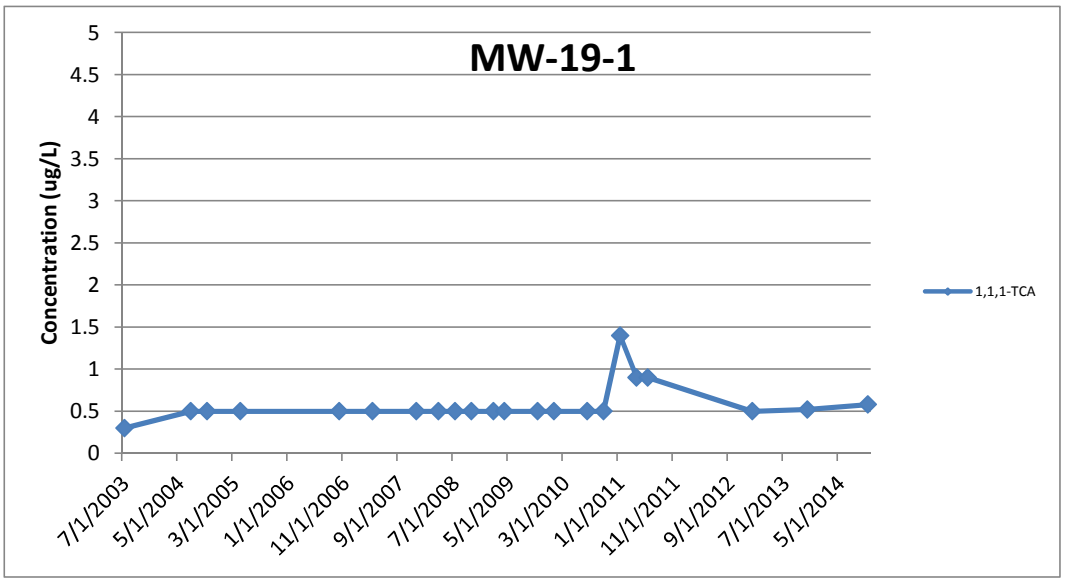

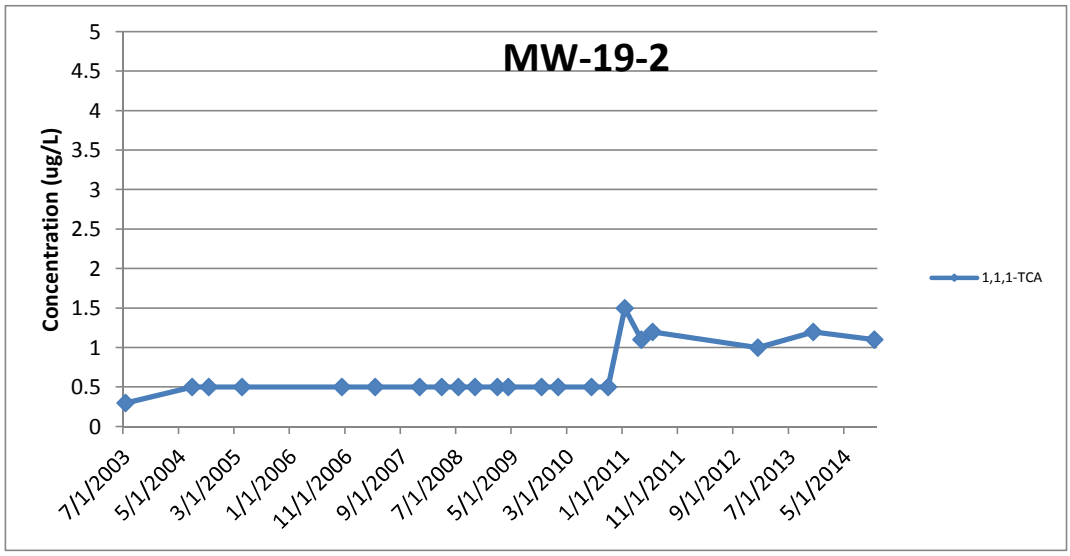

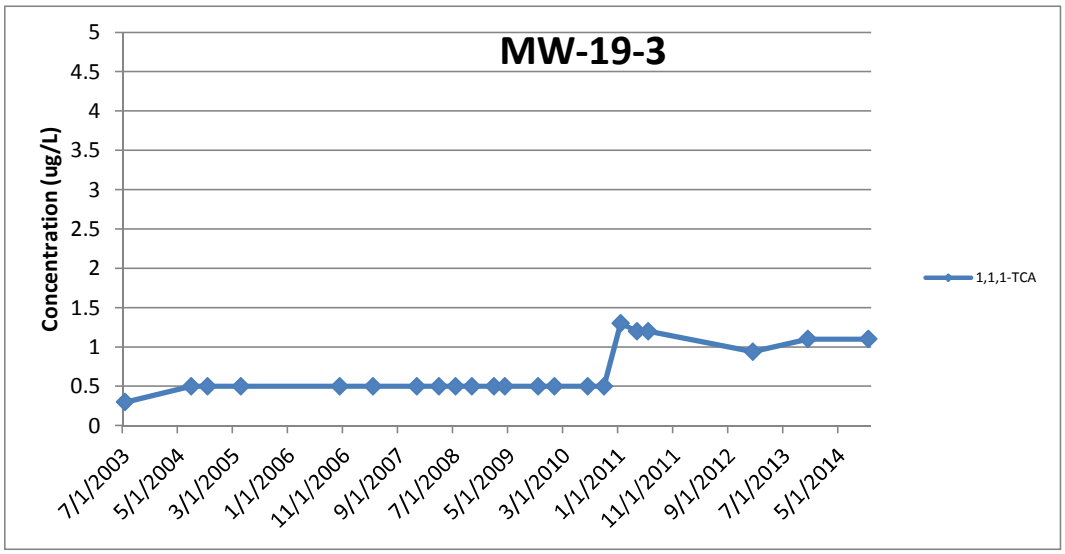

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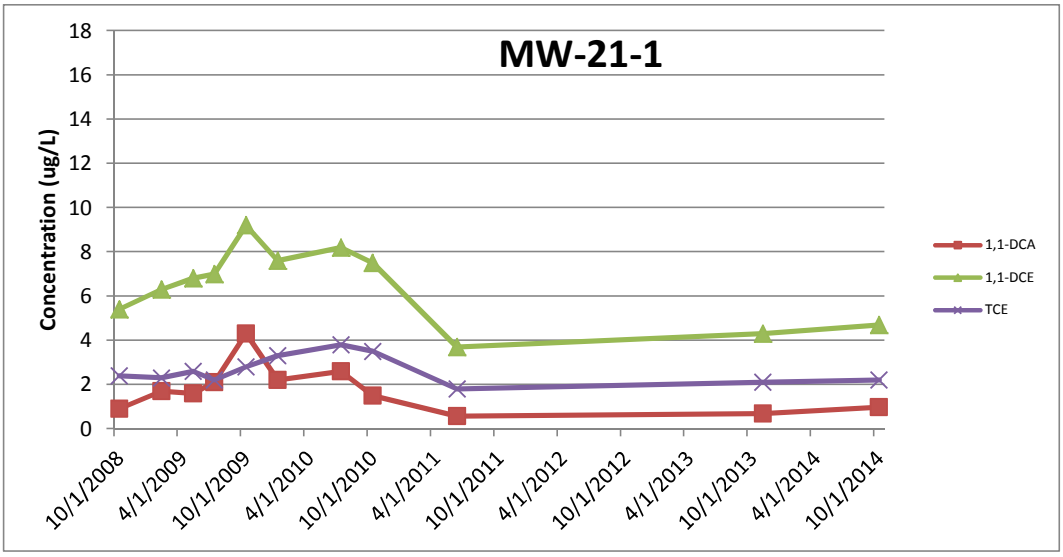

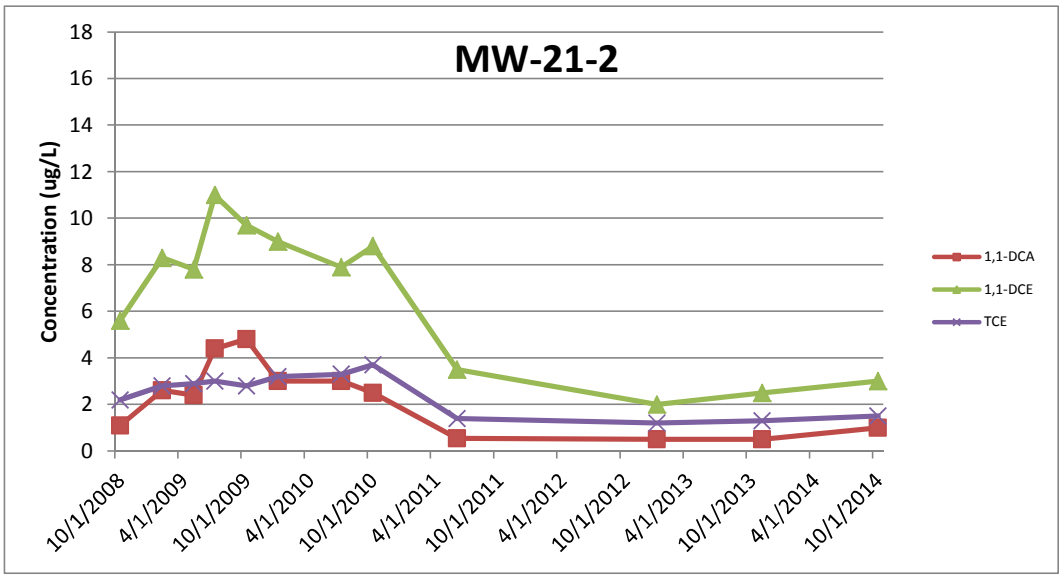

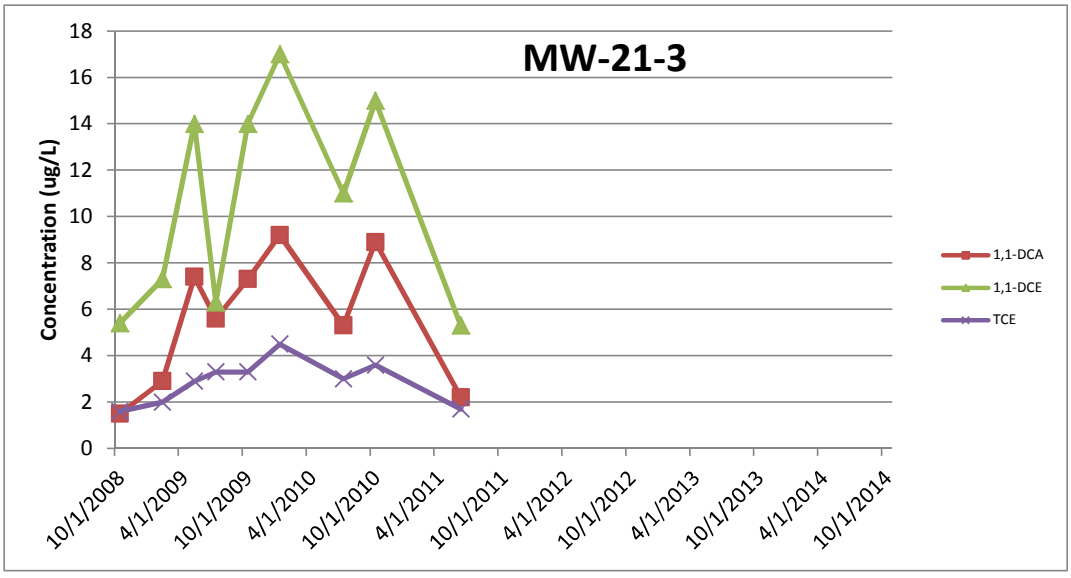

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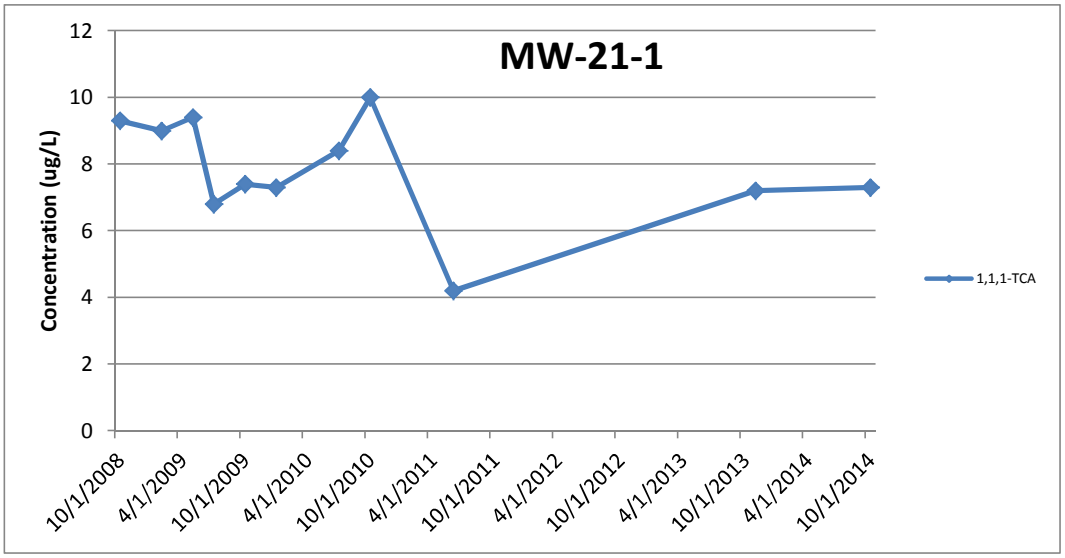

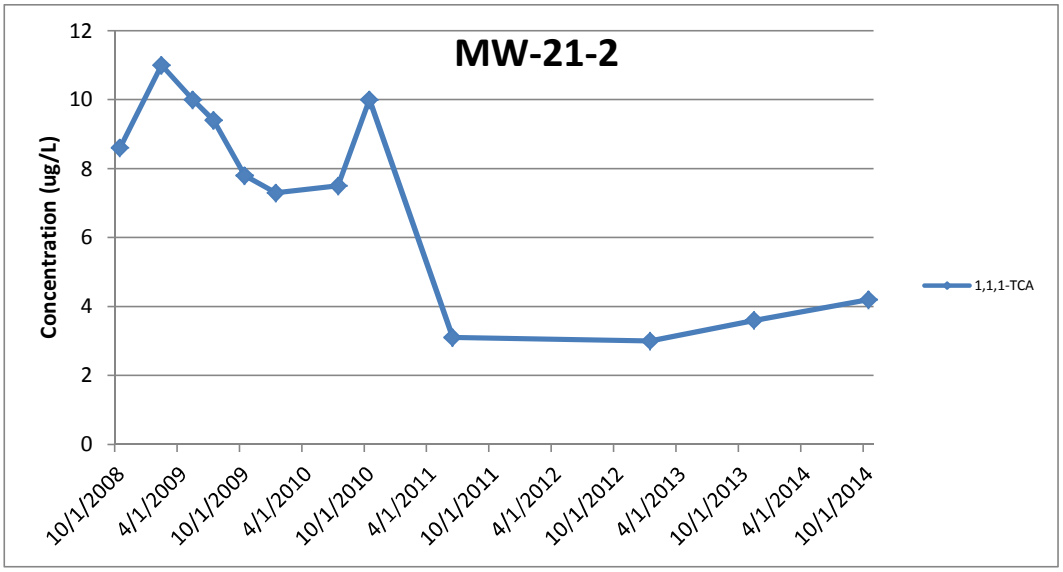

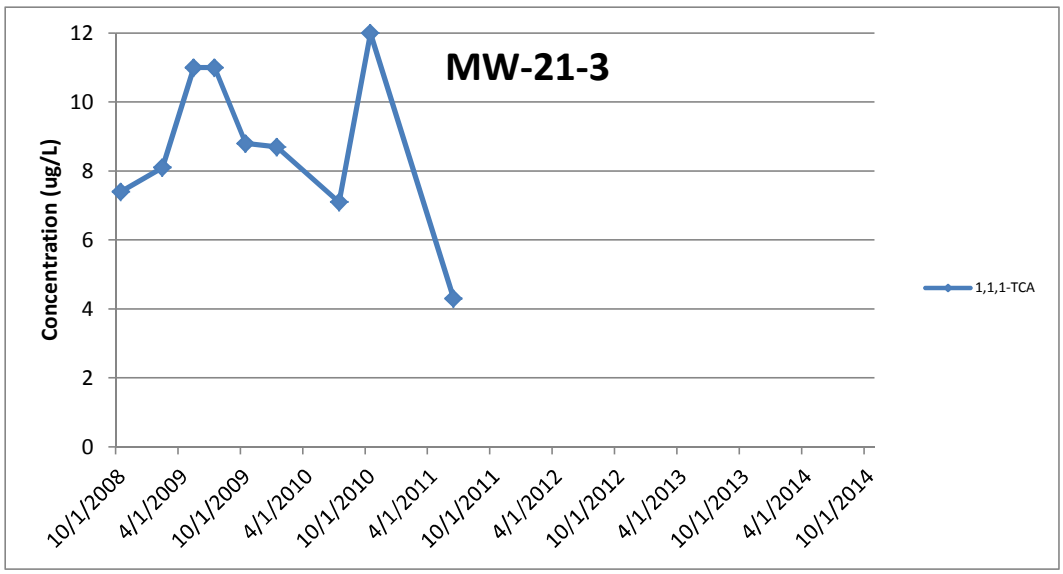

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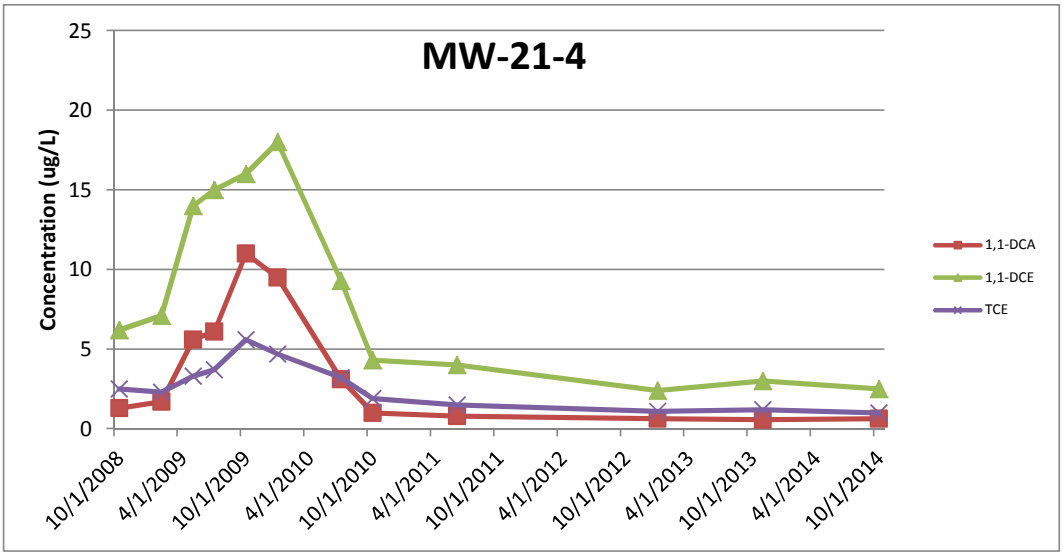

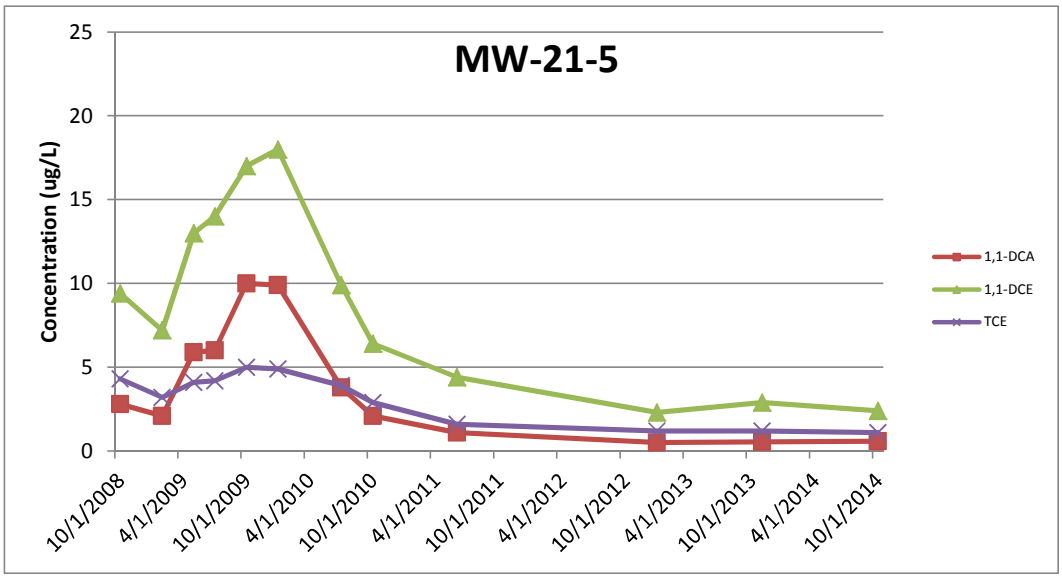

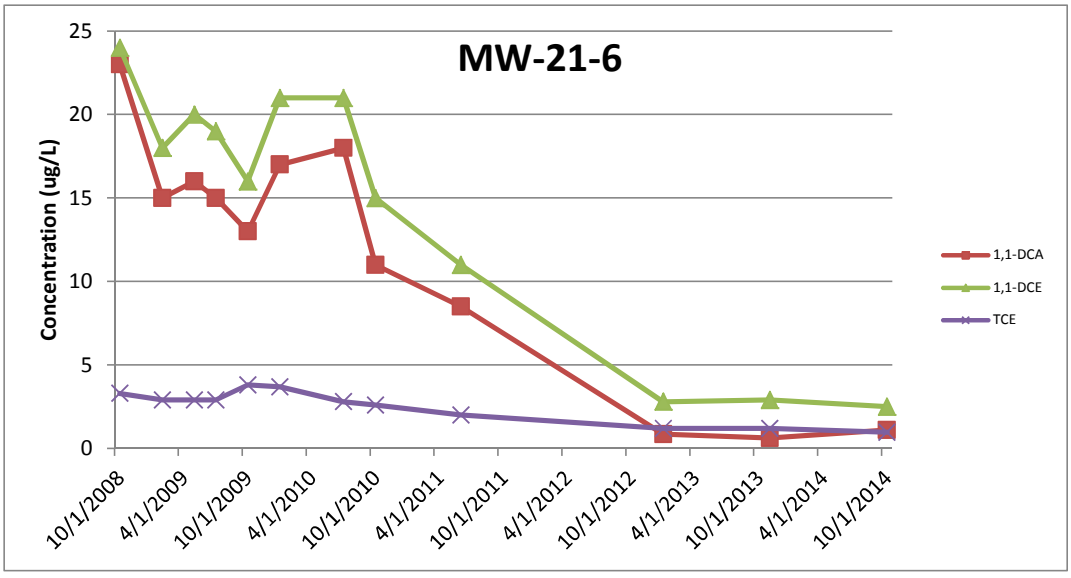

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