



Table 1A. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells,
Former OXY-RUCO Site, Hicksville, New York.

Well ID:	MW-58D	MW-58D1	MW-58D2	MW-66D2	MW-72DI
Sample ID:	GW52313VW054	GW52313VW055	GW42913MY020	GW42513MY013	GW5113VW039
Sample Date:	5/23/2013	5/23/2013	4/29/2013	4/25/2013	5/1/2013
Constituent in ug/L					
1,1,1-Trichloroethane	4.7J	1.4 J	1.3 J	0.67J	<5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	1.1J	0.95J	0.98J	1.8J	<5.0
1,1-Dichloroethene	22	18	20	0.91J	<5.0
1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	R	R	R	R	<5.0J
2-Hexanone	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-Pentanone	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	11J	10 J	10J	8.5J	6.2J
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	1.2J	1.6J	1.6J	2.1J	<5.0
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene (Monomer)	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	15 J	12J	13	100	1.3 J
Toluene	<5.0	0.68 J	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	110	73	74	110	1.0 J
Vinyl Chloride	<5.0	<5.0	<5.0	<5.0	0.99 J
Xylenes (total)	<5.0	<5.0	<5.0	<5.0	<5.0
TVOCs	170	120	120	220	9.5
Highest TVOCs Observed Prior to Comprehensive Round	470	510	520	2,900	7.5
Sample Date	6/24/2002	6/24/2002	6/24/2002	7/10/2002	2/4/2013
Most Recent TVOCs Prior to Comprehensive Round	80	25	160	2,900	7.5
Sample Date	11/21/2011	11/21/2011	10/25/2006	7/10/2002	2/4/2013

Notes and Abbreviations on last page.



Table 1A. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells,
Former OXY-RUCO Site, Hicksville, New York.

	Well ID: MW-72D2	MW-86D1	MW-86D2	MW-93D1	MW-93D2
	Sample ID: GW5113VW040	GW42913MY018	GW42913MY019	GW42413MY005	GW42413MY006
	Sample Date: 5/1/2013	4/29/2013	4/29/2013	4/24/2013	4/24/2013
Constituent in ug/L					
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	<5.0	<5.0	0.95J	<5.0	0.51J
1,1-Dichloroethene	<5.0	<5.0	1.6 J	<5.0	<5.0
1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	<5.0J	R	R	R	R
2-Hexanone	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-Pentanone	<5.0	<5.0J	<5.0J	<5.0	<5.0
Acetone	6.6J	12J	10J	<16	<15
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	<5.0	<5.0J	<5.0J	<5.0	<5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	<5.0	3.9 J	<5.0	<5.0	<5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	37	4.0J	51	<3.1	<2.9
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene (Monomer)	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	540	6	17	14	24
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	0.88J	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	16	1.5 J	320	<4.5	21
Vinyl Chloride	<5.0	62	0.51 J	20	<5.0
Xylenes (total)	<5.0	<5.0	<5.0	<5.0	<5.0
TVOCs	600	89	400	34	46
Highest TVOCs Observed Prior to Comprehensive Round	990	58	450	220	130
Sample Date	2/4/2013	2/6/2013	2/6/2013	4/26/2011	4/26/2011
Most Recent TVOCs Prior to Comprehensive Round	990	58	450	220	130
Sample Date	2/4/2013	2/6/2013	2/6/2013	4/26/2011	4/26/2011

Notes and Abbreviations on last page.

Table 1A. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Wells, Former OXY-RUCO Site, Hicksville, New York.

Notes and Abbreviations:

Data were provided by OXY-RUCO. All monitoring wells were sampled during comprehensive sampling round period.

VOCs were analyzed by SW-846 8260. Data were validated in accordance with USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review of October 1999.

TVOCs were rounded to two significant figures.

Bold value indicates a detection.

NYSDEC New York State Department of Environmental Conservation

USEPA United States Environmental Protection Agency

VOCs Volatile Organic Compounds

TVOCs Total Volatile Organic Compounds

ug/L micrograms per Liter

J Value is estimated concentration.

R The result was rejected due to a quality control issue.