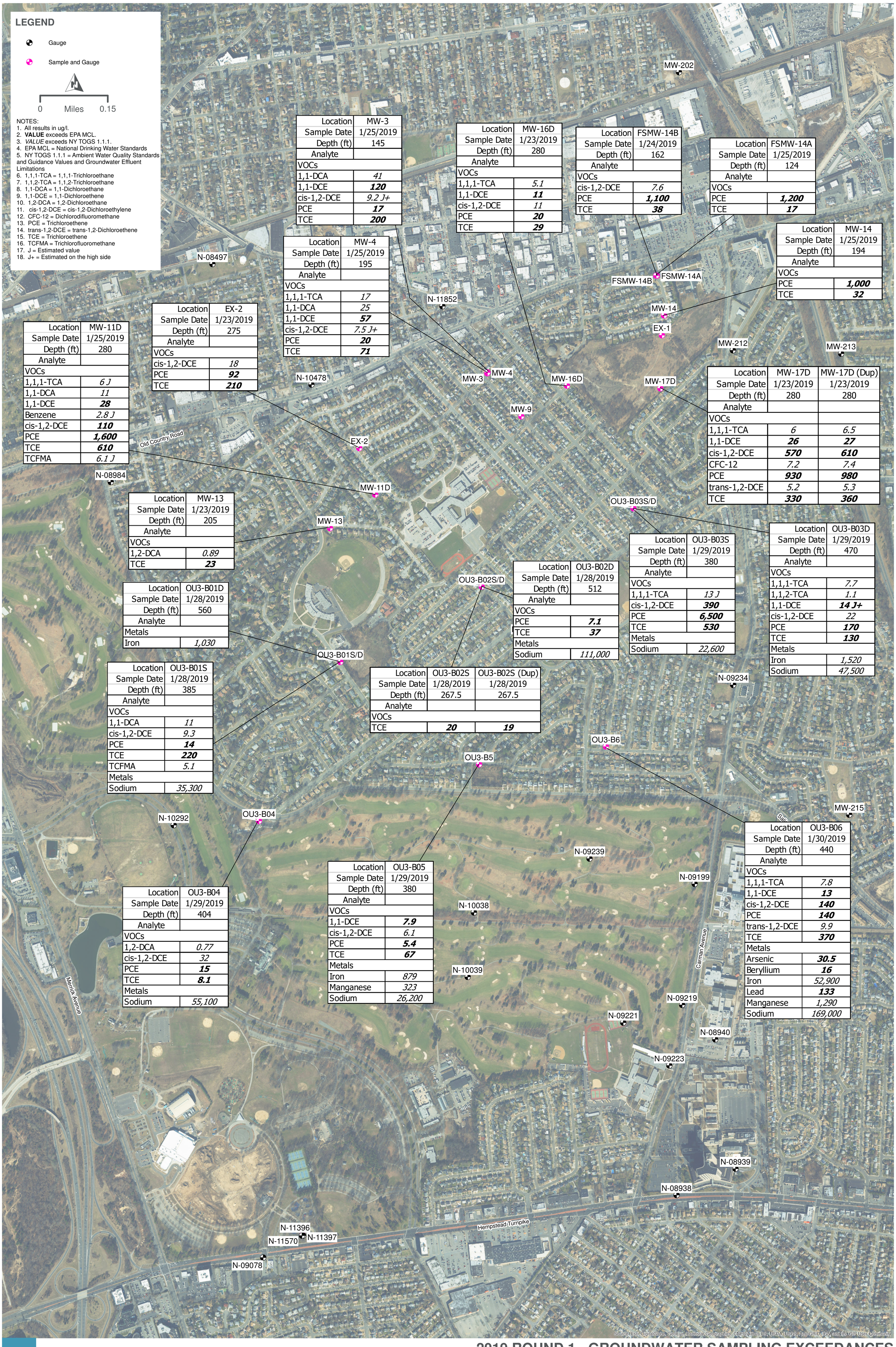


Location	MW-3
Sample Date	1/25/2019
Depth (ft)	145
Analyte	
VOCs	
1,1-DCA	*41*
1,1-DCE	***120***
cis-1,2-DCE	*9.2 J+*
PCE	***17***
TCE	***200***

Location	MW-16D
Sample Date	1/23/2019
Depth (ft)	280
Analyte	
VOCs	
1,1,1-TCA	*5.1*
1,1-DCE	***11***
cis-1,2-DCE	*11*
PCE	***20***
TCE	***29***

Location	FSMW-14B
Sample Date	1/24/2019
Depth (ft)	162
Analyte	
VOCs	
cis-1,2-DCE	*7.6*
PCE	***1,100***
TCE	***38***

Location	FSMW-14A
Sample Date	1/25/2019
Depth (ft)	124
Analyte	
VOCs	
PCE	***1,200***
TCE	***17***

Location	MW-14
Sample Date	1/25/2019
Depth (ft)	194
Analyte	
VOCs	
PCE	***1,000***
TCE	***32***

Location	MW-4
Sample Date	1/25/2019
Depth (ft)	195
Analyte	
VOCs	
1,1,1-TCA	*17*
1,1-DCA	*25*
1,1-DCE	***57***
cis-1,2-DCE	*7.5 J+*
PCE	***20***
TCE	***71***

Location	EX-2
Sample Date	1/23/2019
Depth (ft)	275
Analyte	
VOCs	
cis-1,2-DCE	*18*
PCE	***92***
TCE	***210***

Location	MW-11D
Sample Date	1/25/2019
Depth (ft)	280
Analyte	
VOCs	
1,1,1-TCA	*6 J*
1,1-DCA	*11*
1,1-DCE	***28***
Benzene	*2.8 J*
cis-1,2-DCE	***110***
PCE	***1,600***
TCE	***610***
TCFMA	*6.1 J*

Location	MW-17D	MW-17D (Dup)
Sample Date	1/23/2019	1/23/2019
Depth (ft)	280	280
Analyte		
VOCs		
1,1,1-TCA	*6*	*6.5*
1,1-DCE	***26***	***27***
cis-1,2-DCE	***570***	***610***
CFC-12	*7.2*	*7.4*
PCE	***930***	***980***
trans-1,2-DCE	*5.2*	*5.3*
TCE	***330***	***360***

Location	MW-13
Sample Date	1/23/2019
Depth (ft)	205
Analyte	
VOCs	
1,2-DCA	*0.89*
TCE	***23***

Location	OU3-B01D
Sample Date	1/28/2019
Depth (ft)	560
Analyte	
Metals	
Iron	*1,030*

Location	OU3-B02D
Sample Date	1/28/2019
Depth (ft)	512
Analyte	
VOCs	
PCE	***7.1***
TCE	***37***
Metals	
Sodium	*111,000*

Location	OU3-B03S
Sample Date	1/29/2019
Depth (ft)	380
Analyte	
VOCs	
1,1,1-TCA	*13 J*
cis-1,2-DCE	***390***
PCE	***6,500***
TCE	***530***
Metals	
Sodium	*22,600*

Location	OU3-B03D
Sample Date	1/29/2019
Depth (ft)	470
Analyte	
VOCs	
1,1,1-TCA	*7.7*
1,1,2-TCA	*1.1*
1,1-DCE	***14 J+***
cis-1,2-DCE	*22*
PCE	***170***
TCE	***130***
Metals	
Iron	*1,520*
Sodium	*47,500*

Location	OU3-B01S
Sample Date	1/28/2019
Depth (ft)	385
Analyte	
VOCs	
1,1-DCA	*11*
cis-1,2-DCE	*9.3*
PCE	***14***
TCE	***220***
TCFMA	*5.1*
Metals	
Sodium	*35,300*

Location	OU3-B02S	OU3-B02S (Dup)
Sample Date	1/28/2019	1/28/2019
Depth (ft)	267.5	267.5
Analyte		
VOCs		
TCE	***20***	***19***

Location	OU3-B06
Sample Date	1/30/2019
Depth (ft)	440
Analyte	
VOCs	
1,1,1-TCA	*7.8*
1,1-DCE	***13***
cis-1,2-DCE	***140***
PCE	***140***
trans-1,2-DCE	*9.9*
TCE	***370***
Metals	
Arsenic	***30.5***
Beryllium	***16***
Iron	*52,900*
Lead	***133***
Manganese	*1,290*
Sodium	*169,000*

Location	OU3-B04
Sample Date	1/29/2019
Depth (ft)	404
Analyte	
VOCs	
1,2-DCA	*0.77*
cis-1,2-DCE	*32*
PCE	***15***
TCE	***8.1***
Metals	
Sodium	*55,100*

Location	OU3-B05
Sample Date	1/29/2019
Depth (ft)	380
Analyte	
VOCs	
1,1-DCE	***7.9***
cis-1,2-DCE	*6.1*
PCE	***5.4***
TCE	***67***
Metals	
Iron	*879*
Manganese	*323*
Sodium	*26,200*

2019 ROUND 1 - GROUNDWATER SAMPLING EXCEEDANCES

NEW CASSEL/HICKSVILLE GROUNDWATER CONTAMINATION SITE

FIGURE 1

PATH: \\MAHPI-FILE01\OFFICESHARE\SECTIONFOLDERS\WASTE MGMT & INDUSTRIAL\EDMT\EDMT_PROJECTS\NEW CASSEL OU3\GIS\NEW CASSEL_2019_SAMPLING-D-SIZE.MXD - USER: CWEAVER - DATE: 3/19/2019

NCHGW

Groundwater Sampling Results - VOCs
New Cassel/Hicksville Groundwater Contamination Site
Hicksville, New York
2019 Sampling Round 1

				Location ID:	EX-1	EX-2	FSMW-14A	FSMW-14B	MW-11D	MW-13	MW-14	MW-16D	MW-17D	MW-17D (Dup)	MW-3
				CLP ID:	BECW9	BDAR2	BECX0	BECT9	BECW6	BDAR0	BECX1	BDAR1	BDAQ5	BDAQ7	BECW7
				Sample Depth (ft):	200	275	124	162	280	205	194	280	280	280	145
				Sample Date:	1/25/2019	1/23/2019	1/25/2019	1/24/2019	1/25/2019	1/23/2019	1/25/2019	1/23/2019	1/23/2019	1/23/2019	1/25/2019
Analyte	CAS RN	Unit	EPA MCL	NY TOGS 1.1.1											
VOCs															
1,1,1-Trichloroethane	71-55-6	ug/l	200	*5*	< 0.50 U	0.77	< 10 U	< 5.0 U	*6.0 J*	0.30 J	< 10 U	*5.1*	*6.0*	*6.5*	2.7
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l			< 0.50 U	0.64	< 10 U	< 5.0 U	20	< 0.50 U	< 10 U	1.1	< 5.0 U	< 5.0 U	< 2.5 U
1,1,2-Trichloroethane	79-00-5	ug/l	5	*1*	< 0.50 U	0.39 J	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,1-Dichloroethane	75-34-3	ug/l		*5*	< 0.50 U	1.2	< 10 U	< 5.0 U	*11*	1.6	< 10 U	3.4	3.6 J	3.7 J	*41*
1,1-Dichloroethene	75-35-4	ug/l	**7**	*5*	< 0.50 U	3.3	< 10 U	< 5.0 U	***28***	0.92	< 10 U	***11***	***26***	***27***	***120***
1,2,3-Trichlorobenzene	87-61-6	ug/l			< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	70		< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	0.2	0.04	< 0.050 U	< 0.050 U	< 1.0 U	< 0.50 U	< 1.0 U	< 0.050 U	< 1.0 U	< 0.050 U	< 0.50 U	< 0.50 U	< 0.25 U
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.0006	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,2-Dichlorobenzene	95-50-1	ug/l	600	3	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,2-Dichloroethane	107-06-2	ug/l	5	*0.6*	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	*0.89*	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,2-Dichloropropane	78-87-5	ug/l	5	1	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,3-Dichlorobenzene	541-73-1	ug/l		3	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
1,4-Dichlorobenzene	106-46-7	ug/l	75	3	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
2-Butanone	78-93-3	ug/l			9.7	< 5.0 U	< 100 U	< 50 U	< 100 U	< 5.0 U	< 100 U	< 5.0 U	< 50 U	< 50 U	< 25 U
2-Hexanone	591-78-6	ug/l			< 5.0 U	< 5.0 U	< 100 U	< 50 U	< 100 U	< 5.0 U	< 100 U	< 5.0 U	< 50 U	< 50 U	< 25 U
4-Methyl-2-Pentanone	108-10-1	ug/l			2.6 J	< 5.0 U	< 100 U	< 50 U	< 100 U	< 5.0 U	< 100 U	< 5.0 U	< 50 U	< 50 U	< 25 U
Acetone	67-64-1	ug/l			< 5.0 U	< 5.0 U	< 100 U	< 50 U	< 100 U	< 5.0 U	< 100 U	< 5.0 U	< 50 U	< 50 U	< 25 U
Benzene	71-43-2	ug/l	5	*1*	0.14 J	0.42 J	< 10 U	< 5.0 U	*2.8 J*	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Bromochloromethane	74-97-5	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Bromodichloromethane	75-27-4	ug/l	80		< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Bromoform	75-25-2	ug/l	80		< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Bromomethane	74-83-9	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Carbon Disulfide	75-15-0	ug/l		60	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Chlorobenzene	108-90-7	ug/l	100	5	< 0.50 U	0.093 J	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Chloroethane	75-00-3	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Chloroform	67-66-3	ug/l	80	7	< 0.50 U	0.43 J	< 10 U	< 5.0 U	5.4 J	0.28 J	< 10 U	0.20 J	2.4 J	2.3 J	< 2.5 U
Chloromethane	74-87-3	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	1.9 J	2.2 J	< 2.5 U
cis-1,2-Dichloroethylene	156-59-2	ug/l	**70**	*5*	0.62	*18*	< 10 U	*7.6*	***110***	1.0	< 10 U	*11*	***570***	***610***	*9.2 J+*
cis-1,3-Dichloropropene	10061-01-5	ug/l			< 0.40 U	< 0.40 U	< 8.0 U	< 4.0 U	< 8.0 U	< 0.40 U	< 8.0 U	< 0.40 U	< 4.0 U	< 4.0 U	< 2.0 U
Cyclohexane	110-82-7	ug/l			< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Dibromochloromethane	124-48-1	ug/l	80		< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Dichlorodifluoromethane	75-71-8	ug/l		*5*	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	*7.2*	*7.4*	< 2.5 U
Ethylbenzene	100-41-4	ug/l	700	5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Isopropylbenzene	98-82-8	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
M, P Xylenes	179601-23-1	ug/l			< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Methyl Acetate	79-20-9	ug/l			< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Methyl tert-Butyl Ether	1634-04-4	ug/l			0.27 J	2.1	< 10 U	< 5.0 U	< 10 U	0.61	< 10 U	0.63	< 5.0 U	< 5.0 U	< 2.5 U
Methylcyclohexane	108-87-2	ug/l			< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Methylene Chloride	75-09-2	ug/l	5	5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	1.9 J	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	0.38 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l		5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Styrene	100-42-5	ug/l	100	5	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Tetrachloroethylene(PCE)	127-18-4	ug/l	**5**	*5*	2.5	***92***	***1200***	***1100***	***1600***	***23***	***1000***	***20***	***930***	***980***	***17***
Toluene	108-88-3	ug/l	1000	5	< 0.50 U	0.22 J	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
trans-1,2-Dichloroethene	156-60-5	ug/l	100	*5*	< 0.50 U	0.097 J	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	0.18 J+	*5.2*	*5.3*	< 2.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/l			< 0.40 U	< 0.40 U	< 8.0 U	< 4.0 U	< 8.0 U	< 0.40 U	< 8.0 U	< 0.40 U	< 4.0 U	< 4.0 U	< 2.0 U
Trichloroethene (TCE)	79-01-6	ug/l	**5**	*5*	0.12 J	***210***	***17***	***38***	***610***	3.7	***32***	***29***	***330***	***360***	***200***
Trichlorofluoromethane	75-69-4	ug/l		*5*	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	*6.1 J*	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.50 U	< 0.50 U	< 10 U	< 5.0 U	< 10 U	< 0.50 U	< 10 U	< 0.50 U	< 5.0 U	< 5.0 U	< 2.5 U

Notes:
VALUE exceeds EPA MCL
VALUE exceeds NY TOGS 1.1.1
U This flag indicates the compound was analyzed for but not detected.
J This flag indicates an estimated value.
J+ This flag indicates a value estimated on the high side.
J- This flag indicates a value estimated on the low side.

Groundwater Sampling Results - VOCs
New Cassel/Hicksville Groundwater Contamination Site
Hicksville, New York
2019 Sampling Round 1

				Location ID:	MW-4	MW-9	N-11396	OU3-B01S	OU3-B01D	OU3-B02S	OU3-B02S (Dup)	OU3-B02D	OU3-B03S	OU3-B03D	OU3-B04
				CLP ID:	BECW3	BECT8	BECY7	BECX8	BECX4	BECX6	BECX7	BECX9	BECY5	BECY3	BECY6
				Sample Depth (ft):	195	310	555	385	560	267.5	267.5	512	380	470	404
				Sample Date:	1/25/2019	1/24/2019	1/30/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/29/2019	1/29/2019	1/29/2019
Analyte	CAS RN	Unit	EPA MCL	NY TOGS 1.1.1											
VOCs															
1,1,1-Trichloroethane	71-55-6	ug/l	200	*5*	*17*	< 0.50 U	< 0.50 U	1.3 J	< 0.50 U	0.57	0.58	0.11 J	*13 J*	*7.7*	< 0.50 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l			11	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,1,2-Trichloroethane	79-00-5	ug/l	5	*1*	0.17 J	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	*1.1*	< 0.50 U
1,1-Dichloroethane	75-34-3	ug/l		*5*	*25*	< 0.50 U	< 0.50 U	*11*	< 0.50 U	0.67	0.71	1.7	< 50 U	1.5	1.2
1,1-Dichloroethene	75-35-4	ug/l	**7**	*5*	***57***	< 0.50 U	< 0.50 U	4.3	< 0.50 U	3.3	3.6	3.8	< 50 U	***14 J+***	0.50
1,2,3-Trichlorobenzene	87-61-6	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	70		< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	0.2	0.04	< 0.050 U	< 0.050 U	< 0.050 U	< 0.25 U	< 0.050 U	< 0.050 U	< 0.050 U	< 0.050 U	< 5.0 U	< 0.050 U	< 0.050 U
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.0006	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,2-Dichlorobenzene	95-50-1	ug/l	600	3	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,2-Dichloroethane	107-06-2	ug/l	5	*0.6*	0.44 J	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	*0.77*
1,2-Dichloropropane	78-87-5	ug/l	5	1	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,3-Dichlorobenzene	541-73-1	ug/l		3	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
1,4-Dichlorobenzene	106-46-7	ug/l	75	3	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
2-Butanone	78-93-3	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 500 U	< 5.0 U	< 5.0 U
2-Hexanone	591-78-6	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 500 U	< 5.0 U	< 5.0 U
4-Methyl-2-Pentanone	108-10-1	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 500 U	< 5.0 U	< 5.0 U
Acetone	67-64-1	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 500 U	< 5.0 U	< 5.0 U
Benzene	71-43-2	ug/l	5	*1*	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	0.16 J	< 50 U	0.094 J	0.081 J
Bromochloromethane	74-97-5	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Bromodichloromethane	75-27-4	ug/l	80		< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Bromoform	75-25-2	ug/l	80		< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	1.5	< 0.50 U
Bromomethane	74-83-9	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Carbon Disulfide	75-15-0	ug/l		60	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	12	< 50 U	< 0.50 U	27
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	0.11 J	< 0.50 U
Chlorobenzene	108-90-7	ug/l	100	5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Chloroethane	75-00-3	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Chloroform	67-66-3	ug/l	80	7	0.24 J	1.8	< 0.50 U	< 2.5 U	< 0.50 U	1.8	1.8	1.1	< 50 U	< 0.50 U	< 0.50 U
Chloromethane	74-87-3	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	0.57	< 50 U	0.33 J	0.21 J
cis-1,2-Dichloroethylene	156-59-2	ug/l	**70**	*5*	*7.5 J+*	< 0.50 U	< 0.50 U	*9.3*	< 0.50 U	1.2	1.3	4.0	***390***	*22*	*32*
cis-1,3-Dichloropropene	10061-01-5	ug/l			< 0.40 U	< 0.40 U	< 0.40 U	< 2.0 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 40 U	< 0.40 U	< 0.40 U
Cyclohexane	110-82-7	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Dibromochloromethane	124-48-1	ug/l	80		< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	0.95	< 0.50 U
Dichlorodifluoromethane	75-71-8	ug/l		*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Ethylbenzene	100-41-4	ug/l	700	5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Isopropylbenzene	98-82-8	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
M, P Xylenes	179601-23-1	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Methyl Acetate	79-20-9	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Methyl tert-Butyl Ether	1634-04-4	ug/l			1.3	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	0.27 J	0.29 J	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Methylcyclohexane	108-87-2	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Methylene Chloride	75-09-2	ug/l	5	5	0.082 J	< 0.50 U	< 0.50 U	0.44 J	< 0.50 U	< 0.50 U	< 0.50 U	0.51	< 50 U	< 0.50 U	< 0.50 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Styrene	100-42-5	ug/l	100	5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Tetrachloroethylene(PCE)	127-18-4	ug/l	**5**	*5*	***20***	< 0.50 U	0.049 J	***14***	< 0.50 U	4.4	4.6	***7.1***	***6500***	***170***	***15***
Toluene	108-88-3	ug/l	1000	5	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
trans-1,2-Dichloroethene	156-60-5	ug/l	100	*5*	0.067 J+	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	0.11 J	< 50 U	0.17 J+	0.088 J
trans-1,3-Dichloropropene	10061-02-6	ug/l			< 0.40 U	< 0.40 U	< 0.40 U	< 2.0 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 40 U	< 0.40 U	< 0.40 U
Trichloroethene (TCE)	79-01-6	ug/l	**5**	*5*	***71***	1.1	< 0.50 U	***220***	< 0.50 U	***20***	***19***	***37***	***530***	***130***	***8.1***
Trichlorofluoromethane	75-69-4	ug/l		*5*	< 0.50 U	< 0.50 U	< 0.50 U	*5.1*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 50 U	< 0.50 U	< 0.50 U
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.50 U	< 0.50 U	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	0.46 J	< 50 U	< 0.50 U	< 0.50 U

Notes:
VALUE exceeds EPA MCL
VALUE exceeds NY TOGS 1.1.1
U This flag indicates the compound was analyzed for but not detected.
J This flag indicates an estimated value.
J+ This flag indicates a value estimated on the high side.
J- This flag indicates a value estimated on the low side.

Groundwater Sampling Results - VOCs
New Cassel/Hicksville Groundwater Contamination Site
Hicksville, New York
2019 Sampling Round 1

				Location ID:	OU3-B05	OU3-B06	Trip Blank	Equipment Blank	Field Blank	Equipment Blank	Field Blank	Trip Blank	Equipment Blank	Field Blank	Trip Blank
				CLP ID:	BECY0	BECY8	BDAQ6	BDAQ8	BDAQ9	BECW0	BECW1	BECW2	BECW4	BECW5	BECW8
				Sample Depth (ft):	380	440									
				Sample Date:	1/29/2019	1/30/2019	1/23/2019	1/23/2019	1/23/2019	1/24/2019	1/24/2019	1/24/2019	1/25/2019	1/25/2019	1/25/2019
Analyte	CAS RN	Unit	EPA MCL	NY TOGS 1.1.1											
VOCs															
1,1,1-Trichloroethane	71-55-6	ug/l	200	*5*	1.4	*7.8*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-Trichloroethane	79-00-5	ug/l	5	*1*	0.19 J	0.73 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1-Dichloroethane	75-34-3	ug/l		*5*	3.2	4.2	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1-Dichloroethene	75-35-4	ug/l	**7**	*5*	***7.9***	***13***	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2,3-Trichlorobenzene	87-61-6	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	70		< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	0.2	0.04	< 0.050 U	< 0.25 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
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.0006	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dichlorobenzene	95-50-1	ug/l	600	3	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dichloroethane	107-06-2	ug/l	5	*0.6*	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dichloropropane	78-87-5	ug/l	5	1	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,3-Dichlorobenzene	541-73-1	ug/l		3	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,4-Dichlorobenzene	106-46-7	ug/l	75	3	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
2-Butanone	78-93-3	ug/l			< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
2-Hexanone	591-78-6	ug/l			< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
4-Methyl-2-Pentanone	108-10-1	ug/l			< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	67-64-1	ug/l			< 5.0 U	< 25 U	< 5.0 U	7.6	8.5	8.1	7.3	< 5.0 U	< 5.0 U	6.5	< 5.0 U
Benzene	71-43-2	ug/l	5	*1*	0.084 J	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromochloromethane	74-97-5	ug/l		5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromodichloromethane	75-27-4	ug/l	80		< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromoform	75-25-2	ug/l	80		< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromomethane	74-83-9	ug/l		5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Carbon Disulfide	75-15-0	ug/l		60	< 0.50 U	27	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chlorobenzene	108-90-7	ug/l	100	5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloroethane	75-00-3	ug/l		5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloroform	67-66-3	ug/l	80	7	1.8	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloromethane	74-87-3	ug/l		5	0.14 J	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
cis-1,2-Dichloroethylene	156-59-2	ug/l	**70**	*5*	*6.1*	***140***	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
cis-1,3-Dichloropropene	10061-01-5	ug/l			< 0.40 U	< 2.0 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U
Cyclohexane	110-82-7	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Dibromochloromethane	124-48-1	ug/l	80		< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Dichlorodifluoromethane	75-71-8	ug/l		*5*	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Ethylbenzene	100-41-4	ug/l	700	5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Isopropylbenzene	98-82-8	ug/l		5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
M, P Xylenes	179601-23-1	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methyl Acetate	79-20-9	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methyl tert-Butyl Ether	1634-04-4	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methylcyclohexane	108-87-2	ug/l			< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methylene Chloride	75-09-2	ug/l	5	5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l		5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Styrene	100-42-5	ug/l	100	5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Tetrachloroethylene(PCE)	127-18-4	ug/l	**5**	*5*	***5.4***	***140***	< 0.50 U	0.27 J	0.22 J	< 0.50 U	0.11 J	< 0.50 U	< 0.50 U	0.092 J	< 0.50 U
Toluene	108-88-3	ug/l	1000	5	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	0.067 J	< 0.50 U	0.92	0.083 J	< 0.50 U
trans-1,2-Dichloroethene	156-60-5	ug/l	100	*5*	0.058 J	*9.9*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
trans-1,3-Dichloropropene	10061-02-6	ug/l			< 0.40 U	< 2.0 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U
Trichloroethene (TCE)	79-01-6	ug/l	**5**	*5*	***67***	***370***	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Trichlorofluoromethane	75-69-4	ug/l		*5*	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.50 U	< 2.5 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U

Notes:
VALUE exceeds EPA MCL
VALUE exceeds NY TOGS 1.1.1
U This flag indicates the compound was analyzed for but not detected.
J This flag indicates an estimated value.
J+ This flag indicates a value estimated on the high side.
J- This flag indicates a value estimated on the low side.

Groundwater Sampling Results - VOCs
New Cassel/Hicksville Groundwater Contamination Site
Hicksville, New York
2019 Sampling Round 1

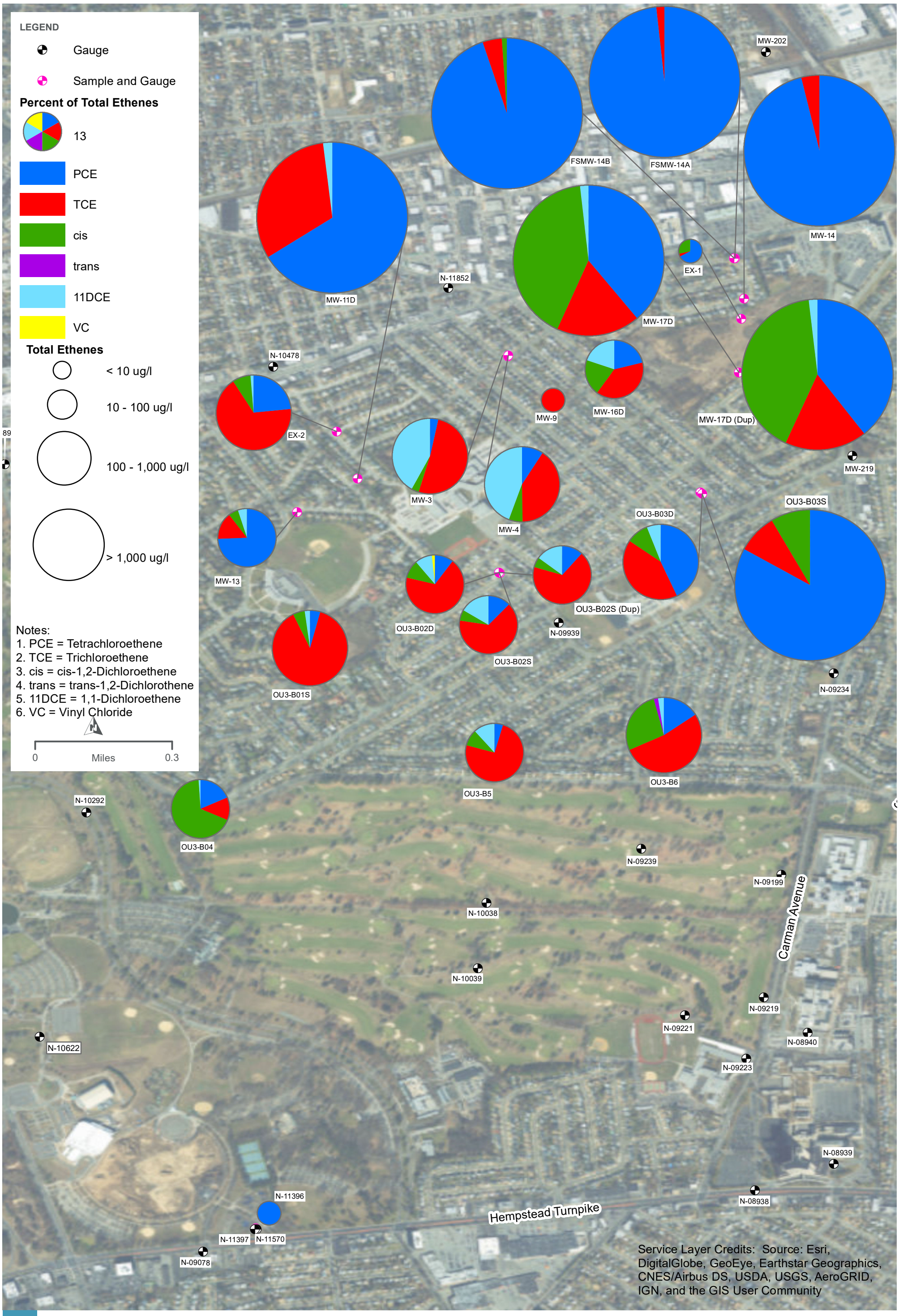
				Location ID:	Field Blank	Equipment Blank	Trip Blank	Equipment Blank	Field Blank	Trip Blank	Equipment Blank	Field Blank	Trip Blank
				CLP ID:	BECX2	BECX3	BECX5	BECY1	BECY2	BECY4	BECY9	BECZ0	BECZ1
				Sample Depth (ft):									
				Sample Date:	1/28/2019	1/28/2019	1/28/2019	1/29/2019	1/29/2019	1/29/2019	1/30/2019	1/30/2019	1/30/2019
Analyte	CAS RN	Unit	EPA MCL	NY TOGS 1.1.1									
VOCs													
1,1,1-Trichloroethane	71-55-6	ug/l	200	*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-Trichloroethane	79-00-5	ug/l	5	*1*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1-Dichloroethane	75-34-3	ug/l		*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1-Dichloroethene	75-35-4	ug/l	**7**	*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2,3-Trichlorobenzene	87-61-6	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	70		< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	0.2	0.04	< 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
1,2-Dibromoethane	106-93-4	ug/l	0.05	0.0006	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dichlorobenzene	95-50-1	ug/l	600	3	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dichloroethane	107-06-2	ug/l	5	*0.6*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,2-Dichloropropane	78-87-5	ug/l	5	1	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,3-Dichlorobenzene	541-73-1	ug/l		3	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,4-Dichlorobenzene	106-46-7	ug/l	75	3	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
2-Butanone	78-93-3	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
2-Hexanone	591-78-6	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
4-Methyl-2-Pentanone	108-10-1	ug/l			< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	67-64-1	ug/l			< 5.0 U	5.5	< 5.0 U	4.4 J	5.4	< 5.0 U	< 5.0 U	5.6	< 5.0 U
Benzene	71-43-2	ug/l	5	*1*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromochloromethane	74-97-5	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromodichloromethane	75-27-4	ug/l	80		< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromoform	75-25-2	ug/l	80		< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Bromomethane	74-83-9	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Carbon Disulfide	75-15-0	ug/l		60	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	0.15 J	0.31 J	< 0.50 U	< 0.50 U
Carbon Tetrachloride	56-23-5	ug/l	5	5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chlorobenzene	108-90-7	ug/l	100	5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloroethane	75-00-3	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloroform	67-66-3	ug/l	80	7	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Chloromethane	74-87-3	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
cis-1,2-Dichloroethylene	156-59-2	ug/l	**70**	*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
cis-1,3-Dichloropropene	10061-01-5	ug/l			< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U
Cyclohexane	110-82-7	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Dibromochloromethane	124-48-1	ug/l	80		< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Dichlorodifluoromethane	75-71-8	ug/l		*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Ethylbenzene	100-41-4	ug/l	700	5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Isopropylbenzene	98-82-8	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
M, P Xylenes	179601-23-1	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methyl Acetate	79-20-9	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methyl tert-Butyl Ether	1634-04-4	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methylcyclohexane	108-87-2	ug/l			< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Methylene Chloride	75-09-2	ug/l	5	5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l		5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Styrene	100-42-5	ug/l	100	5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Tetrachloroethylene(PCE)	127-18-4	ug/l	**5**	*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Toluene	108-88-3	ug/l	1000	5	0.71	0.67	< 0.50 U	0.55	0.38 J	< 0.50 U	0.39 J	0.32 J	< 0.50 U
trans-1,2-Dichloroethene	156-60-5	ug/l	100	*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
trans-1,3-Dichloropropene	10061-02-6	ug/l			< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U
Trichloroethene (TCE)	79-01-6	ug/l	**5**	*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Trichlorofluoromethane	75-69-4	ug/l		*5*	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
Vinyl Chloride	75-01-4	ug/l	2	2	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U

Notes:
VALUE exceeds EPA MCL
VALUE exceeds NY TOGS 1.1.1
U This flag indicates the compound was analyzed for but not detected.
J This flag indicates an estimated value.
J+ This flag indicates a value estimated on the high side.
J- This flag indicates a value estimated on the low side.

January 2019 Groundwater Elevations
New Cassel/Hicksville Groundwater Contamination Site
Nassau County, New York

Well ID	Well Depth (feet)	Depth to Water (feet)	Screen Depth (feet)	SP X (NAD83)	SP Y (NAD83)	Measuring Point Elevation (feet)	Groundwater Elevation (amsl)	Comments
Upper Glacial Aquifer								
N-10292	50	15.92	45 - 50	1101413.24	207946.87	77.32	61.40	Location and elevation data from NCDPW
N-10477	57	41.96	47 - 57	1103234.45	213319.56	110.30	68.34	Location and elevation data from NCDPW
N-08939	51	24.95	Unknown	1108207.04	204134.84	81.93	56.98	Location and elevation data from NCDPW
N-08940	64	34.61	Unknown	1108138.41	205992.81	94.42	59.81	Location and elevation data from NCDPW
N-08984	52	33.40	47 - 52	1100777.97	211991.99	102.87	69.47	Location and elevation data from NCDPW
N-09078	65	28.40	Unknown	1102825.41	203215.86	82.48	54.09	Location and elevation data from NCDPW
N-09236 (1C)	50	38.39	45 - 50	1108178.11	209802.14	103.91	65.52	Location and elevation data from NCDPW
N-09939	74	37.73	66 - 71	1105635.46	210295.32	103.92	66.19	Location and elevation data from NCDPW
N-08938	55	30.93	Unknown	1107515.66	203827.70	87.86	56.93	Location and elevation data from NCDPW
N-9222 (16B)	45	31.96	40 - 45	1106889.50	205848.62	91.54	59.58	Location and elevation data from NCDPW
N-9220 (14B)	45	32.92	40 - 45	1107581.34	206054.54	93.07	60.15	Location and elevation data from NCDPW
N-9200 (8B)	46	35.20	40 - 45	1107728.11	207472.14	97.35	62.15	Location and elevation data from NCDPW
N-9241 (7C)	46	34.88	40 - 45	1106109.99	207767.58	96.65	61.77	Location and elevation data from NCDPW
N-9224 (17B)	45	30.82	40 - 45	1107430.97	205345.34	89.56	58.74	Location and elevation data from NCDPW
Magothy Aquifer								
N-10478	121	42.17	101 - 121	1103234.45	213319.56	110.26	68.09	Location and elevation data from NCDPW
N-09199 (Well 8A)	105	35.29	100 - 105	1107728.11	207472.14	97.35	62.06	Location and elevation data from NCDPW
N-09219 (Well 14A)	95	32.93	90 - 95	1107581.34	206054.54	93.07	60.14	Location and elevation data from NCDPW
N-09221 (Well 16A)	95	32.01	90 - 95	1106889.50	205848.62	91.55	59.54	Location and elevation data from NCDPW
N-09223 (Well 17A)	108	30.74	103 - 108	1107430.97	205345.34	89.57	58.83	Location and elevation data from NCDPW
FSMW-14A	129	46.18	119 - 129	1107262.83	214580.13	116.99	70.81	Location and elevation data previous reports provided by EPA
MW-3	150	44	Unknown	1105296.00	213451.20	115.13	71.13	Location and elevation data previous reports provided by EPA
FSMW-14B	169	46.53	159 - 169	1107256.69	214582.56	117.18	70.65	Location and elevation data previous reports provided by EPA
EX-1	205	37.41	185 - 205	1107322.85	213894.38	107.71	70.30	Location and elevation data previous reports provided by EPA
EX-2	285	37.92	265 - 285	1103835.27	212587.22	105.47	67.55	Location and elevation data previous reports provided by EPA
FSMW-14C	249	46.81	239 - 249	1107249.01	214584.35	116.97	70.16	Location and elevation data previous reports provided by EPA
MW-11S	225	39.85	215 - 225	1104018.49	212056.64	106.96	67.11	Location and elevation data previous reports provided by EPA
MW-11D	285	39.96	275 - 285	1104018.49	212056.64	106.96	67.00	Location and elevation data previous reports provided by EPA
MW-14	205	41.38	185 - 205	1107347.51	214120.66	111.85	70.47	Location and elevation data previous reports provided by EPA
MW-16S	225	39.46	215 - 225	1106226.97	213313.45	109.04	69.58	Location and elevation data previous reports provided by EPA
MW-16D	285	39.73	275 - 285	1106226.97	213313.45	109.07	69.34	Location and elevation data previous reports provided by EPA
MW-17S	225	44.5	215 - 225	1107304.77	213282.84	113.90	69.40	Location and elevation data previous reports provided by EPA
MW-17D	285	44.88	275 - 285	1107304.77	213282.84	113.87	68.99	Location and elevation data previous reports provided by EPA
N-11396 (M-18)	585	28.94	560 - 580	1103128.59	203502.22	81.61	52.67	Location and elevation data from NCDPW
N-11397 (M-19)	285	27.89	260 - 280	1103130.07	203198.61	81.50	53.61	Location and elevation data from NCDPW
N-9234 (1A)	205	38.56	200 - 205	1108178.11	209802.14	103.92	65.36	Location and elevation data from NCDPW
N-9235 (1B)	105	38.4	100 - 105	1108178.11	209802.14	103.90	65.50	Location and elevation data from NCDPW
N9239 (Well 7A)	205	35.16	200 - 205	1106109.99	207767.58	96.66	61.50	Location and elevation data from NCDPW
OU3-B1D 590-600	600	23.47	590 - 600	1103573.21	210072.52	87.88	64.41	Location and elevation data from 2017 survey
OU3-B1S 380-390	390	23.23	380 - 390	1103576.80	210067.48	87.25	64.02	Location and elevation data from 2017 survey
OU3-B2D 507-517	517	33.91	507 - 517	1105231.62	210952.54	99.67	65.76	Location and elevation data from 2017 survey
OU3-B2S 262.5-272.5	272.5	34.06	262.5 - 272.5	1105237.59	210946.78	100.17	66.11	Location and elevation data from 2017 survey
OU3-B3D 465-475	475	42.47	465 - 475	1107010.24	211870.92	109.34	66.87	Location and elevation data from 2017 survey
OU3-B3S 375-385	385	42	375 - 385	1106996.37	211886.03	109.30	67.30	Location and elevation data from 2017 survey
OU3-B4 399-409	409	31.18	399 - 409	1102620.04	208207.93	92.03	60.85	Location and elevation data from 2017 survey
OU3-B5 375-385	385	34.74	375 - 385	1105200.17	208872.10	98.08	63.34	Location and elevation data from 2017 survey
OU3-B6 435-445	445	38.34	435 - 445	1106687.61	209080.11	100.34	62.00	Location and elevation data from 2017 survey
N-10622	*212*	*22.27*	*142 - 200*	*1101220.00*	*205570.00*	*NA*	*--*	*Not mapped due to missing elevation info.*
N-9240 (Well 7B)	*105*	*34.96*	*100 - 105*	*NA*	*NA*	*97.79*	*62.83*	*Not mapped due to missing location info.*
MW-1	*110*	*44.32*	*Unknown*	*NA*	*NA*	*115.11*	*70.79*	*Not mapped due to missing location info.*
MW-4	*200*	*44.6*	*Unknown*	*1105299.00*	*213460.70*	*NA*	*--*	*Not mapped due to missing elevation info.*
MW-9	*315*	*41.44*	*310 - 315*	*1105695.00*	*212947.80*	*NA*	*--*	*Not mapped due to missing elevation info.*
N-10039	*262*	*36.6*	*201 - 262*	*1105066.06*	*206382.16*	*NA*	*--*	*Not mapped due to missing elevation info.*

Notes:
NA - Not Available
NCDPW - Nassau County Department of Public Works
Vertical Datum is in NAVD 88
Horizontal Datum is in NAD 83, Long Island Zone



HDR

2019 ROUND 1 - DISTRIBUTION OF TOTAL ETHENES

NEW CASSEL/HICKSVILLE GROUNDWATER CONTAMINATION SITE

FIGURE 1

PATH: \\MAHPI-FILE01\OFFICESHARE\SECTIONFOLDERS\WASTE MGMT & INDUSTRIAL\EDMT\EDMT_PROJECTS\NEW CASSEL OU3\GIS\NEW CASSEL_2019_SAMPLING.MXD - USER: CWEAVER - DATE: 3/22/2019

NCHGW

Sample Depth	Sample Type	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE
47	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
147	VPB	1.8	7.2	0.83	0.5 U	0.5 U	3.3
177	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
207	VPB	0.31 J	0.83	0.46 J	0.5 U	0.5 U	0.43 J
237	VPB	0.28 J	0.59	0.45 J	0.5 U	0.5 U	0.5 U
267	VPB	44	250	18 J+	0.51 J+	0.5 U	36 J-
267.5	Well (2S)	4.4	20	1.2	0.5 U	0.5 U	3.3
297	VPB	2	9.7	0.29 J	0.5 U	0.5 U	0.98
327	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
357	VPB	0.55	1.9	0.5 U	0.5 U	0.5 U	0.5 U
387	VPB	57	68	22	0.23 J+	0.5 U	13 J+
417	VPB	92	170	61	0.78 J+	0.5 U	28
447	VPB	320	570	110	0.86 J+	5.6	100
479	VPB	15 J-	36	6.6	0.5 U	0.5 U	5.6
509	VPB	210	830	43 J	0.43 J+	0.5 U	53 J
512	Well (2D)	7.1	37	4	0.11 J	0.46 J	3.8
532	VPB	99	370	25	5 U	5 U	22
559	VPB	0.35 J	0.59	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
591	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Sample Depth	Sample Type	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE
52	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
147	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
147	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
207	VPB	0.5 U	0.34 J+	0.5 U	0.5 U	0.5 U	0.5 U
237	VPB	0.23 J	0.31 J	0.5 U	0.5 U	0.5 U	0.5 U
267	VPB	0.29 J	0.29 J	0.5 U	0.5 U	0.5 U	0.5 U
297	VPB	15	1.7	5.1	0.5 U	0.5 U	0.2 J
324	VPB	4.8	1.4	2.2	0.5 U	0.5 U	0.34 J
357	VPB	3700	790	590	10 J	20 U	53
380	Well (3S)	6500	530	390	50 U	50 U	50 U
382	VPB	8000	400	220	20 U	20 U	27
417	VPB	760	56	28	20 U	20 U	20 U
447	VPB	2400	240	59	20 U	20 U	23
470	VPB	3400	710	130	20 U	20 U	74
470	Well (3D)	170	130	22	0.17 J+	0.5 U	14 J+
503	VPB	140	29	7.3	0.5 U	0.5 U	3.3
533	VPB	0.87	0.5 U	0.28 J	0.5 U	0.5 U	0.5 U
533	VPB	2.1	0.77	0.41 J	0.5 U	0.5 U	0.23 J
567	VPB	0.53	0.5 U	0.34 J	0.5 U	0.5 U	0.5 U
580	VPB	0.61	1.6	0.5 U	0.5 U	0.5 U	0.57

Sample Depth	Sample Type	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE
31	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
57	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
117	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
147	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
182	VPB	2.8	1.5	1	0.5 U	0.5 U	0.5 U
207	VPB	0.9	1.1	2.2	0.5 U	0.5 U	1.3
242	VPB	1.7	0.67	8.7	0.5 U	0.5 U	0.5 U
267	VPB	1.2	0.45 J	4.8	0.5 U	0.5 U	0.5 U
302	VPB	12	16	3.9	0.5 U	0.5 U	1.8
326	VPB	1.6	1.1	1.1 J-	0.5 UJ	0.5 U	0.39 J-
357	VPB	140 D	92 D	40 D	0.21 J	0.5 U	7.5
385	Well (1S)	14	220	9.3	2.5 U	2.5 U	4.3
387	VPB	13	300 D	11	0.5 U	0.5 U	1.7
417	VPB	1.2	12	0.64 J-	0.5 UJ	0.5 U	0.39 J-
447	VPB	6.7	6.4	2.7 J-	0.5 UJ	0.5 U	0.5 UJ
476	VPB	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
531	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
560	Well (1D)	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
562	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Sample Depth	Sample Type	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE
82	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
197	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.66
227	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
257	VPB	0.21 J	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
287	VPB	0.95	1.7	0.74	0.5 U	0.5 U	1.6
314	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
347	VPB	5.2	0.75	0.43 J	0.5 U	0.5 U	1.8
377	VPB	0.57	0.5 U	0.5 U	0.5 U	0.5 U	0.93
402	VPB	22 J-	3.5	3.8	0.5 U	0.5 U	0.5 U
404	Well (04)	15	8.1	32	0.088 J	0.5 U	0.5
437	VPB	0.77	0.38 J	0.27 J	0.5 U	0.5 U	0.5 U
467	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
492	VPB	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
522	VPB	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
552	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
554	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
582	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
612	VPB	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ

Sample Depth	Sample Type	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE
52	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
197	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
227	VPB	1 U	1 U	1 U	1 U	1 U	1 U
257	VPB	0.15 J	0.15 J	0.5 U	0.5 U	0.5 U	0.5 U
287	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
317	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
347	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
377	VPB	1.3	0.34 J	0.5 U	0.5 U	0.5 U	0.5 U
407	VPB	0.44 J	3.1	0.57	0.5 U	0.5 U	1.6
437	VPB	920	1700	430	6.6	5 U	86
440	Well (06)	140	370	140	9.9	2.5 U	13
463	VPB	360	1400	290	2.2 J	5 U	43
493	VPB	73	1300	64	5 U	5 U	23
522	VPB	0.5 U	0.47 J	0.5 U	0.5 U	0.5 U	0.5 U
530	VPB	0.5 U	0.11 J	0.5 U	0.5 U	0.5 U	0.5 U
555	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
582	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Sample Depth	Sample Type	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE
50	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
197	VPB	0.35 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
227	VPB	0.5 U	0.5 U	0.21 J	0.5 U	0.5 U	0.5 U
257	VPB	0.77	1.9	0.24 J	0.5 U	0.5 U	1.3
287	VPB	0.7	3.2	0.52	0.5 U	0.5 U	2.9
317	VPB	0.24 J	1.6	0.36 J	0.5 U	0.5 U	2.6
347	VPB	0.36 J	36	2.6	0.5 U	0.5 U	2.4
377	VPB	19	150	5.3	0.5 U	0.5 U	6
380	Well (05)	5.4	67	6.1	0.058 J	0.5 U	7.9
407	VPB	19	110	6.6 J+	0.5 U	0.5 U	13 J+
437	VPB	5.9	11	0.69	0.5 U	0.5 U	0.5 U
459	VPB	0.5 U	0.44 J	0.5 U	0.5 U	0.5 U	0.5 U
497	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
522	VPB	0.4 J	0.71	0.28 J	0.5 U	0.5 U	0.5 U
550	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
580	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
612	VPB	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

VERTICAL PROFILE BORING AND WELL DATA

NEW CASSEL/HICKSVILLE GROUNDWATER CONTAMINATION SITE

FIGURE 1

PATH: \\MAHPI-FILE01\OFFICESHARE\SECTIONFOLDERS\WASTE MGMT & INDUSTRIAL\EDMT\EDMT_PROJECTS\NEW CASSEL OU3\GIS\NEW CASSEL_2019_VPB_MAP.MXD - USER: CWEAVER - DATE: 4/9/2019

NCHGW