

Table 1

Groundwater Analytical Results Summary - October 2020

Diamond Properties

Valhalla, NY

VERTEX Project NO. 64239

	Location ID	MW-1I	MW-1I	MW-1I	MW-1I	MW-1I	MW-1I	MW-1I
	Sample Date	12/16/2019	6/5/2020	6/23/2020	7/21/2020	8/26/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(2.8)	ND(12)	ND(25)	0.778	5.6	8.7	13
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	ND(12)	ND(25)	4.17	5.7	4.7	5.1
1,1,2-Trichloroethane	1	ND(2)	ND(7.5)	ND(15)	7.63	20	17	14
1,1-Dichloroethane (1,1-DCA)	5	3.6	ND(12)	ND(25)	3.45	6.4	5.8	7.3
1,2,3-Trichloropropane	0.04	ND(2.8)	ND(12)	ND(25)	--	0.99	ND(12)	ND(12)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.53)	16	23	85.8	43	12	12
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	370	5.4	7.1	8.62	170	510	620
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	4.1	ND(12)	ND(25)	1.45	39	90	100
1,2-Dichloropropane	1	ND(0.55)	ND(5.0)	ND(10)	1.11	1.1	ND(5.0)	ND(5.0)
1,3-Dichloropropane	5	ND(2.8)	ND(12)	ND(25)	--	1.2	ND(12)	ND(12)
2-Hexanone	50	ND(4)	ND(25)	ND(50)	ND(10.0)	1.6	ND(25)	ND(25)
Acetone	50	38	580	990	1310	460	190	240
Benzene	1	49	ND(2.5)	ND(5.0)	0.144	1.1	3.2	5.6
Bromochloromethane (Chlorobromomethane)	5	ND(2.8)	ND(12)	ND(25)	2.75	4.0	ND(12)	ND(12)
Bromodichloromethane	50	ND(0.77)	ND(2.5)	ND(5.0)	0.562	0.32	ND(2.5)	ND(2.5)
Bromoform	50	ND(2.6)	ND(10)	ND(20)	ND(1.00)	2.0	ND(10)	ND(10)
Bromomethane	5	ND(2.8)	13	57	ND(250)	22	18	36
Carbon Disulfide	60	ND(4)	ND(25)	ND(50)	0.830	13	19	21
Chlorobenzene	5	ND(2.8)	ND(12)	ND(25)	ND(1.00)	ND(2.5)	ND(12)	ND(12)
Chloroethane	5	ND(2.8)	12	17	ND(250)	15	6.9	8.5
Chloroform	7	ND(2.8)	ND(12)	ND(25)	6.33	7.4	5.5	5.0
Chloromethane	NSE	ND(2.8)	460	740	1450	1000	590	770
Dibromochloromethane	50	ND(0.6)	ND(2.5)	ND(5.0)	0.167	0.21	ND(2.5)	ND(2.5)
Dichlorodifluoromethane	5	ND(4)	ND(25)	ND(50)	ND(5.00)	ND(5.0)	ND(25)	ND(25)
Methyl Ethyl Ketone (MEK)	50	ND(7.8)	170	200	52.0	21	ND(25)	ND(25)
Methyl Tert-Butyl Ether	10	ND(2.8)	ND(12)	ND(25)	ND(1.00)	ND(2.5)	ND(12)	ND(12)
Methylene Chloride	5	ND(2.8)	13	19	71.7	64	34	34
p-Cymene	5	ND(2.8)	ND(12)	ND(25)	--	ND(2.5)	ND(12)	ND(12)
Sec-Butylbenzene	5	ND(2.8)	ND(12)	ND(25)	--	ND(2.5)	ND(12)	ND(12)
Tetrachloroethane	5	ND(0.67)	2.0	ND(5.0)	3.13	45	51	63
Tetrachloroethylene (PCE)	5	ND(0.72)	ND(2.5)	ND(5.0)	ND(1.00)	ND(0.50)	ND(2.5)	ND(2.5)
Trichloroethylene (TCE)	5	26	ND(2.5)	ND(5.0)	0.373	6.5	14	18
Vinyl Chloride	2	60	ND(5.0)	ND(10)	ND(1.00)	4.6	25	38
Total Chlorinated VOCs	NSE	464	508	806	1641	1431	1370	1703
Total VOCs	NSE	551	1271	2053	3011	1961	1605	1999
Metals, Dissolved								
Iron	300	--	109000	104000	69700	55600	54200	39000
Metals								
Chromium	50	ND(2)	361.0	207.1	260	231.7	332.7	245.6
Iron	300	5280	130000	93400	56500	51900	53700	32400
Manganese	300	2050	5751	2100	19300	6601	15630	13290
General Chemistry								
Alkalinity, Total	NSE	--	ND(2000)	ND(2000)	ND(20000)	ND(2000)	ND(2000)	ND(2000)
Chloride	250000	79000	170000	200000	187000	160000	190000	200000
Total Organic Carbon	NSE	19000	111000	44200	32200	39500	51100	45800
Persulfate Field Kit (g/L)		---	35	11	5	7	4	ND

Notes:

- All analytical results are in microgram per Liter (µg/L)
- Conc = Concentration. Note: if the concentration was non-detect (ND) at the Reporting
- Lab Qual = Laboratory Qualifier
- Qualifiers - UJ = Estimated Not Detected above laboratory reporting limits shown in parenthesis;
- MDL = Method Detection Limit
- ND and U = Not Detected above laboratory reporting limits shown in parenthesis
- -- = Not Analyzed
- NSE = No Standard Exists
- Highlighted values exceeds the applicable Reportable Concentration
- Only compounds with detections are shown, see laboratory report for full results

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Groundwater Analytical Results Summary - October 2020

Diamond Properties

Valhalla, NY

VERTEX Project NO. 64239

	Location ID	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S
	Sample Date	12/16/2019	6/4/2020	6/23/2020	7/22/2020	8/26/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(0.7)	18	19	18.4	14	15	19
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	11	9.9	7.00	10	7.2	14
1,1,2-Trichloroethane	1	ND(0.5)	ND(7.5)	ND(15)	2.49	4.0	ND(15)	ND(15)
1,1-Dichloroethane (1,1-DCA)	5	2.3	ND(12)	ND(25)	3.25	3.1	ND(25)	ND(25)
1,2,3-Trichloropropane	0.04	ND(0.7)	ND(12)	ND(25)	--	ND(2.5)	ND(25)	ND(25)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.13)	3.3	5.4	6.61	7.7	5.9	6.7
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	49	ND(12)	ND(25)	0.662	1.5	ND(25)	ND(25)
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	1.5	ND(12)	ND(25)	ND(1.00)	ND(2.5)	ND(25)	ND(25)
1,2-Dichloropropane	1	ND(0.14)	0.75	ND(10)	0.774	0.64	ND(10)	ND(10)
1,3-Dichloropropane	5	ND(0.7)	ND(12)	ND(25)	--	ND(2.5)	ND(25)	ND(25)
2-Hexanone	50	ND(1)	ND(25)	ND(50)	ND(10.0)	2.0	ND(50)	ND(50)
Acetone	50	1.7	530	940	777	1300	1400	1600
Benzene	1	2.0	3.2	ND(5.0)	0.969	1.4	ND(5.0)	5.6
Bromochloromethane (Chlorobromomethane)	5	ND(0.7)	4.1	7.4	5.23	5.6	ND(25)	ND(25)
Bromodichloromethane	50	ND(0.19)	ND(2.5)	ND(5.0)	ND(1.00)	ND(0.50)	ND(5.0)	ND(5.0)
Bromoform	50	ND(0.65)	ND(10)	ND(20)	ND(1.00)	ND(2.0)	ND(20)	ND(20)
Bromomethane	5	ND(0.7)	69	130	41.8	71	42	110
Carbon Disulfide	60	ND(1)	14	10	7.37	24	21	18
Chlorobenzene	5	ND(0.7)	ND(12)	ND(25)	0.230	ND(2.5)	ND(25)	ND(25)
Chloroethane	5	ND(0.7)	8.8	7.8	6.94	9.8	9.6	14
Chloroform	7	ND(0.7)	10	9.1	7.02	6.6	ND(25)	ND(25)
Chloromethane	NSE	ND(0.7)	1300	1500	ND(2.50)	1700	1500	1500
Dibromochloromethane	50	ND(0.15)	ND(2.5)	ND(5.0)	ND(1.00)	ND(0.50)	ND(5.0)	ND(5.0)
Dichlorodifluoromethane	5	5.1	ND(25)	ND(50)	ND(5.00)	ND(5.0)	ND(50)	ND(50)
Methyl Ethyl Ketone (MEK)	50	ND(1.9)	35	36	64.1	110	71	80
Methyl Tert-Butyl Ether	10	ND(0.7)	ND(12)	ND(25)	ND(1.00)	ND(2.5)	ND(25)	ND(25)
Methylene Chloride	5	ND(0.7)	44	52	56.1	50	33	42
p-Cymene	5	ND(0.7)	ND(12)	ND(25)	--	ND(2.5)	ND(25)	ND(25)
Sec-Butylbenzene	5	0.92	ND(12)	ND(25)	--	ND(2.5)	ND(25)	ND(25)
Tetrachloroethane	5	ND(0.17)	3.1	ND(5.0)	18.0	39	46	61
Tetrachloroethylene (PCE)	5	0.7	ND(2.5)	ND(5.0)	ND(1.00)	0.32	ND(5.0)	ND(5.0)
Trichloroethylene (TCE)	5	96	0.90	3.9	5.88	4.8	5.6	6.6
Vinyl Chloride	2	1.8	ND(5.0)	ND(10)	ND(1.00)	0.23	ND(10)	ND(10)
Total Chlorinated VOCs	NSE	156	1389	1597	126	1842	1615	1649
Total VOCs	NSE	161	2055	2731	1030	3366	3156	3470
Metals, Dissolved								
Iron	300	--	183000	252000	193000	205000	212000	138000
Metals								
Chromium	50	3.0	768.3	473.4	655	722.2	798.4	479.2
Iron	300	26900	543000	225000	192000	314000	209000	130000
Manganese	300	11000	18520	2998	109000	6396	35070	58510
General Chemistry								
Alkalinity, Total	NSE	--	ND(2000)	ND(2000)	ND(20000)	ND(2000)	ND(2000)	ND(2000)
Chloride	250000	130000	41000	100000	121000	120000	71000	150000
Total Organic Carbon	NSE	20000	184000	175000	204000	182000	184000	148000
Persulfate Field Kit (g/L)		---	NA	NA	29	5	13	4

Notes:

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Diamond Properties

Valhalla, NY

VERTEX Project NO. 64239

	Location ID	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D
	Sample Date	12/27/2019	6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloroethane	1	ND(0.5)	ND(1.5)	ND(1.5)	ND(1.00)	ND(1.5)	ND(1.5)	ND(1.5)
1,1-Dichloroethane (1,1-DCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2,3-Trichloropropane	0.04	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.13)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloropropane	1	ND(0.14)	ND(1.0)	ND(1.0)	ND(1.00)	ND(1.0)	ND(1.0)	ND(1.0)
1,3-Dichloropropane	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
2-Hexanone	50	ND(1)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Acetone	50	ND(1.5)	1.5	ND(5.0)	ND(50.0)	3.3	ND(5.0)	3.3
Benzene	1	ND(0.16)	ND(0.50)	ND(0.50)	0.231	0.17	ND(0.50)	ND(0.50)
Bromochloromethane (Chlorobromomethane)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Bromodichloromethane	50	ND(0.19)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromoform	50	ND(0.65)	ND(2.0)	ND(2.0)	ND(1.00)	ND(2.0)	ND(2.0)	ND(2.0)
Bromomethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Carbon Disulfide	60	ND(1)	ND(5.0)	ND(5.0)	ND(1.00)	ND(5.0)	ND(5.0)	ND(5.0)
Chlorobenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroform	7	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloromethane	NSE	ND(0.7)	ND(2.5)	ND(2.5)	ND(2.50)	ND(2.5)	ND(2.5)	ND(2.5)
Dibromochloromethane	50	ND(0.15)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorodifluoromethane	5	ND(1)	ND(5.0)	ND(5.0)	ND(5.00)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Ethyl Ketone (MEK)	50	ND(1.9)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Tert-Butyl Ether	10	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Methylene Chloride	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
p-Cymene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Sec-Butylbenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Tetrachloroethane	5	ND(0.17)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Tetrachloroethylene (PCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Trichloroethylene (TCE)	5	4.4	1.4	0.36	0.525	0.55	3.9	0.67
Vinyl Chloride	2	ND(0.07)	ND(1.0)	ND(1.0)	ND(1.00)	0.09	ND(1.0)	ND(1.0)
Total Chlorinated VOCs	NSE	4.4	1.4	0.36	0.53	0.64	3.9	0.67
Total VOCs	NSE	4.4	2.9	0.36	0.76	4.1	3.9	4.0
Metals, Dissolved								
Iron	300	--	131	ND(50.0)	ND(100)	ND(50.0)	407	107
Metals								
Chromium	50	3.0	0.51	0.20	ND(10.0)	15.82	0.17	0.73
Iron	300	4100	569	206	2250	19100	826	361
Manganese	300	135	16.94	7.23	26.4	182.4	44.60	28.20
General Chemistry								
Alkalinity, Total	NSE	--	207000	201000	204000	220000	220000	236000
Chloride	250000	100000	41000	45000	44300	51000	51000	57000
Total Organic Carbon	NSE	1100	4340	4000	5490	4230	1680	6230
Persulfate Field Kit (g/L)		---	NA	ND	NA	NA	ND	ND

Notes:

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- Conc = Concentration. Note: if the concentration was non-detect (ND) at the Reporting
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	Sample Date	12/16/2019	6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloroethane	1	ND(0.5)	ND(1.5)	ND(1.5)	ND(1.00)	ND(1.5)	ND(1.5)	ND(1.5)
1,1-Dichloroethane (1,1-DCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2,3-Trichloropropane	0.04	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.13)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	2.4	6.1	7.5	8.16	6.7	6.6	8.0
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	ND(0.7)	ND(2.5)	ND(2.5)	0.515	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloropropane	1	ND(0.14)	ND(1.0)	ND(1.0)	ND(1.00)	ND(1.0)	ND(1.0)	ND(1.0)
1,3-Dichloropropane	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
2-Hexanone	50	ND(1)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Acetone	50	ND(1.5)	1.7	3.6	ND(50.0)	5.1	ND(5.0)	2.2
Benzene	1	ND(0.16)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromochloromethane (Chlorobromomethane)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Bromodichloromethane	50	ND(0.19)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromoform	50	ND(0.65)	ND(2.0)	ND(2.0)	ND(1.00)	ND(2.0)	ND(2.0)	ND(2.0)
Bromomethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Carbon Disulfide	60	ND(1)	ND(5.0)	ND(5.0)	ND(1.00)	ND(5.0)	ND(5.0)	ND(5.0)
Chlorobenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroform	7	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloromethane	NSE	ND(0.7)	ND(2.5)	ND(2.5)	ND(2.50)	ND(2.5)	ND(2.5)	ND(2.5)
Dibromochloromethane	50	ND(0.15)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorodifluoromethane	5	ND(1)	ND(5.0)	ND(5.0)	ND(5.00)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Ethyl Ketone (MEK)	50	ND(1.9)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Tert-Butyl Ether	10	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Methylene Chloride	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
p-Cymene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Sec-Butylbenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Tetrachloroethane	5	ND(0.17)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Tetrachloroethylene (PCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Trichloroethylene (TCE)	5	0.49	2.4	3.8	4.40	3.4	3.2	4.7
Vinyl Chloride	2	1.1	1.9	1.0	1.51	1.5	1.5	1.6
Total Chlorinated VOCs	NSE	4.0	10.4	12.3	14.6	11.6	11.3	14.3
Total VOCs	NSE	4.0	12.1	15.9	14.6	16.7	11.3	16.5
Metals, Dissolved								
Iron	300	--	20200	13300	ND(100)	ND(50.0)	18500	3130
Metals								
Chromium	50	ND(2)	36.67	3.98	ND(10.0)	6.38	9.79	12.26
Iron	300	10400	93600	55200	43900	33400	40400	25000
Manganese	300	8950	7585	7025	5140	5184	5107	4844
General Chemistry								
Alkalinity, Total	NSE	--	276000	250000	253000	254000	280000	247000
Chloride	250000	850000	440000	380000	306000	240000	240000	220000
Total Organic Carbon	NSE	2400	3040	4140	4730	4820	6240	4920
Persulfate Field Kit (g/L)		---	ND	NA	ND	ND	ND	ND

Notes:

- All analytical results are in microgram per Liter (µg/L)
- Conc = Concentration. Note: if the concentration was non-detect (ND) at the Reporting
- Lab Qual = Laboratory Qualifier
- Qualifiers - UJ = Estimated Not Detected above laboratory reporting limits shown in parenthesis;
- MDL = Method Detection Limit
- ND and U = Not Detected above laboratory reporting limits shown in parenthe
- -- = Not Analyzed
- NSE = No Standard Exists
- Highlighted values exceeds the applicable Reportable Concentration
- Only compounds with detections are shown, see laboratory report for full resu

Table 1

Groundwater Analytical Results Summary - October 2020

Diamond Properties

Valhalla, NY

VERTEX Project NO. 64239

	Location ID	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S
	Sample Date	12/27/2019	6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloroethane	1	ND(0.5)	ND(1.5)	ND(1.5)	ND(1.00)	ND(1.5)	ND(1.5)	ND(1.5)
1,1-Dichloroethane (1,1-DCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2,3-Trichloropropane	0.04	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.13)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	ND(0.7)	ND(2.5)	ND(2.5)	0.128	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloropropane	1	ND(0.14)	ND(1.0)	ND(1.0)	ND(1.00)	ND(1.0)	ND(1.0)	ND(1.0)
1,3-Dichloropropane	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
2-Hexanone	50	ND(1)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Acetone	50	150	6.7	1.8	ND(50.0)	ND(5.0)	2.0	3.9
Benzene	1	ND(0.16)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromochloromethane (Chlorobromomethane)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Bromodichloromethane	50	ND(0.19)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromoform	50	ND(0.65)	ND(2.0)	ND(2.0)	ND(1.00)	ND(2.0)	ND(2.0)	ND(2.0)
Bromomethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Carbon Disulfide	60	ND(1)	ND(5.0)	ND(5.0)	ND(1.00)	ND(5.0)	ND(5.0)	ND(5.0)
Chlorobenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroform	7	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloromethane	NSE	ND(0.7)	ND(2.5)	ND(2.5)	ND(2.50)	ND(2.5)	ND(2.5)	ND(2.5)
Dibromochloromethane	50	ND(0.15)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorodifluoromethane	5	ND(1)	ND(5.0)	ND(5.0)	ND(5.00)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Ethyl Ketone (MEK)	50	ND(1.9)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Tert-Butyl Ether	10	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Methylene Chloride	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
p-Cymene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Sec-Butylbenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Tetrachloroethane	5	ND(0.17)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Tetrachloroethylene (PCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Trichloroethylene (TCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Vinyl Chloride	2	ND(0.07)	ND(1.0)	ND(1.0)	ND(1.00)	ND(1.0)	ND(1.0)	ND(1.0)
Total Chlorinated VOCs	NSE	ND	ND	ND	0.128	ND	ND	ND
Total VOCs	NSE	150	6.7	1.8	0.128	ND	2	3.9
Metals, Dissolved								
Iron	300	--	91600	74300	127000	196000	206000	207000
Metals								
Chromium	50	8.0	2.90	7.21	ND(10.0)	2.35	2.18	3.50
Iron	300	172000	145000	182000	211000	247000	230000	224000
Manganese	300	12600	13740	19180	19200	21820	21600	20500
General Chemistry								
Alkalinity, Total	NSE	--	266000	204000	220000	325000	335000	211000
Chloride	250000	1700000	1600000	1800000	1780000	1700000	1800000	1800000
Total Organic Carbon	NSE	18000	2590	5380	14900	3420	15300	15400
Persulfate Field Kit (g/L)		---	ND	ND	NA	ND	ND	ND

- Notes:
- All analytical results are in microgram per Liter (µg/L)
 - Conc = Concentration. Note: if the concentration was non-detect (ND) at the Reporting
 - Lab Qual = Laboratory Qualifier
 - Qualifiers - UJ = Estimated Not Detected above laboratory reporting limits shown in parenthesis;
 - MDL = Method Detection Limit
 - ND and U = Not Detected above laboratory reporting limits shown in parenthe
 - -- = Not Analyzed
 - NSE = No Standard Exists
 - Highlighted values exceeds the applicable Reportable Concentration
 - Only compounds with detections are shown, see laboratory report for full resu

Table 1
Groundwater Analytical Results Summary - October 2020
Diamond Properties
Valhalla, NY
VERTEX Project NO. 64239

	Location ID	MW-4I	MW-4I	MW-4I	MW-4I	MW-4I	MW-4I	MW-4I
	Sample Date	12/27/2019	6/4/2020	6/18/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloroethane	1	ND(0.5)	ND(1.5)	ND(1.5)	ND(1.00)	ND(1.5)	ND(1.5)	ND(1.5)
1,1-Dichloroethane (1,1-DCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	0.545	ND(2.5)	ND(2.5)	1.1
1,2,3-Trichloropropane	0.04	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.13)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	3.0	4.5	5.5	4.43	4.2	3.0	4.6
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloropropane	1	ND(0.14)	ND(1.0)	ND(1.0)	ND(1.00)	ND(1.0)	ND(1.0)	ND(1.0)
1,3-Dichloropropane	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
2-Hexanone	50	ND(1)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Acetone	50	ND(1.5)	4.1	4.4	ND(50.0)	2.9	ND(5.0)	1.9
Benzene	1	ND(0.16)	ND(0.50)	ND(0.50)	0.120	ND(0.50)	ND(0.50)	ND(0.50)
Bromochloromethane (Chlorobromomethane)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Bromodichloromethane	50	ND(0.19)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromoform	50	ND(0.65)	ND(2.0)	ND(2.0)	ND(1.00)	ND(2.0)	ND(2.0)	ND(2.0)
Bromomethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Carbon Disulfide	60	ND(1)	ND(5.0)	ND(5.0)	ND(1.00)	ND(5.0)	ND(5.0)	ND(5.0)
Chlorobenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroethane	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroform	7	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloromethane	NSE	ND(0.7)	ND(2.5)	ND(2.5)	ND(2.50)	ND(2.5)	ND(2.5)	ND(2.5)
Dibromochloromethane	50	ND(0.15)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorodifluoromethane	5	ND(1)	ND(5.0)	ND(5.0)	ND(5.00)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Ethyl Ketone (MEK)	50	ND(1.9)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Tert-Butyl Ether	10	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Methylene Chloride	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
p-Cymene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Sec-Butylbenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Tetrachloroethane	5	ND(0.17)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Tetrachloroethylene (PCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Trichloroethylene (TCE)	5	ND(0.18)	ND(0.50)	0.19	0.299	ND(0.50)	ND(0.50)	0.19
Vinyl Chloride	2	1.2	8.9	5.1	5.47	7.6	6.3	7.2
Total Chlorinated VOCs	NSE	4.20	13.4	10.8	10.7	11.8	9.3	13.1
Total VOCs	NSE	4.2	17.5	15.2	10.9	14.7	9.3	15.0
Metals, Dissolved								
Iron	300	--	1180	881	ND(100)	24.4	2410	174
Metals								
Chromium	50	22	16.68	44.48	9.64	16.01	4.57	6.61
Iron	300	19500	8860	8690	15500	7800	7360	5660
Manganese	300	1310	234.4	246.4	314	243.2	236.9	193.5
General Chemistry								
Alkalinity, Total	NSE	--	132000	133000	135000	123000	130000	119000
Chloride	250000	68000	11000	11000	10800	10000	11000	11000
Total Organic Carbon	NSE	6800	2780	12300	3250	2810	1700	2090
Persulfate Field Kit (g/L)		---	ND	5	ND	ND	ND	1

Notes:

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- Conc = Concentration. Note: if the concentration was non-detect (ND) at the Reporting
- Lab Qual = Laboratory Qualifier
- Qualifiers - UJ = Estimated Not Detected above laboratory reporting limits shown in parenthesis;
- MDL = Method Detection Limit
- ND and U = Not Detected above laboratory reporting limits shown in parenthe
- -- = Not Analyzed
- NSE = No Standard Exists
- Highlighted values exceeds the applicable Reportable Concentration
- Only compounds with detections are shown, see laboratory report for full resu

Table 1
Groundwater Analytical Results Summary - October 2020
Diamond Properties
Valhalla, NY
VERTEX Project NO. 64239

	Location ID	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
	Sample Date	12/16/2019	6/4/2020	6/18/2020	7/22/2020	8/25/2020	9/23/2020	10/21/2020
CHEMICAL NAME	AWQS WG	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon-113)	5	--	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
1,1,2-Trichloroethane	1	ND(0.5)	ND(1.5)	ND(1.5)	ND(1.00)	ND(1.5)	ND(1.5)	ND(1.5)
1,1-Dichloroethane (1,1-DCA)	5	ND(0.7)	ND(2.5)	ND(2.5)	0.537	0.74	ND(2.5)	0.80
1,2,3-Trichloropropane	0.04	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
1,2-Dichloroethane (1,2-DCA)	0.6	ND(0.13)	0.26	0.48	ND(1.00)	0.53	0.31	0.37
1,2-Dichloroethylene, cis (1,2 DCE, cis)	5	1.2	ND(2.5)	1.5	8.26	12	12	13
1,2-Dichloroethylene, trans (1,2-DCE, trans)	5	ND(0.7)	ND(2.5)	ND(2.5)	0.358	0.78	ND(2.5)	ND(2.5)
1,2-Dichloropropane	1	ND(0.14)	ND(1.0)	ND(1.0)	ND(1.00)	ND(1.0)	ND(1.0)	ND(1.0)
1,3-Dichloropropane	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
2-Hexanone	50	ND(1)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)
Acetone	50	ND(1.5)	29	61	18.1	5.0	2.6	ND(5.0)
Benzene	1	ND(0.16)	ND(0.50)	ND(0.50)	0.260	0.19	0.16	0.17
Bromochloromethane (Chlorobromomethane)	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Bromodichloromethane	50	ND(0.19)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Bromoform	50	ND(0.65)	ND(2.0)	ND(2.0)	ND(1.00)	ND(2.0)	ND(2.0)	ND(2.0)
Bromomethane	5	ND(0.7)	2.1	0.93	ND(5.00)	ND(2.5)	ND(2.5)	ND(2.5)
Carbon Disulfide	60	ND(1)	2.9	4.9	1.48	ND(5.0)	ND(5.0)	ND(5.0)
Chlorobenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Chloroethane	5	ND(0.7)	0.72	0.84	0.653	1.2	ND(2.5)	ND(2.5)
Chloroform	7	ND(0.7)	ND(2.5)	ND(2.5)	0.205	ND(2.5)	ND(2.5)	ND(2.5)
Chloromethane	NSE	ND(0.7)	34	64	13.0	6.9	ND(2.5)	ND(2.5)
Dibromochloromethane	50	ND(0.15)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Dichlorodifluoromethane	5	ND(1)	ND(5.0)	ND(5.0)	ND(5.00)	ND(5.0)	ND(5.0)	ND(5.0)
Methyl Ethyl Ketone (MEK)	50	ND(1.9)	3.0	7.4	3.86	2.4	ND(5.0)	ND(5.0)
Methyl Tert-Butyl Ether	10	ND(0.7)	ND(2.5)	ND(2.5)	ND(1.00)	ND(2.5)	ND(2.5)	ND(2.5)
Methylene Chloride	5	ND(0.7)	ND(2.5)	0.77	0.561	0.75	ND(2.5)	ND(2.5)
p-Cymene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Sec-Butylbenzene	5	ND(0.7)	ND(2.5)	ND(2.5)	--	ND(2.5)	ND(2.5)	ND(2.5)
Tetrachloroethane	5	ND(0.17)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Tetrachloroethylene (PCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Trichloroethylene (TCE)	5	ND(0.18)	ND(0.50)	ND(0.50)	ND(1.00)	ND(0.50)	ND(0.50)	ND(0.50)
Vinyl Chloride	2	0.88	0.08	0.63	2.31	5.4	3.8	5.8
Total Chlorinated VOCs	NSE	2.1	35.1	68.2	25.9	28.3	16.1	20.0
Total VOCs	NSE	2.1	72.1	143	49.6	35.9	18.9	20.0
Metals, Dissolved								
Iron	300	--	13900	76400	86100	138000	141000	116000
Metals								
Chromium	50	ND(2)	10.33	21.28	14.2	15.00	64.21	11.86
Iron	300	3930	17600	87500	140000	156000	197000	100000
Manganese	300	650	3406	7854	6540	6877	4784	2967
General Chemistry								
Alkalinity, Total	NSE	--	ND(2000)	ND(2000)	ND(20000)	ND(2000)	47800	3600
Chloride	250000	64000	47000	53000	81000	92000	100000	110000
Total Organic Carbon	NSE	4700	13700	26700	19400	20600	19600	20200
Persulfate Field Kit (g/L)		---	ND	ND	NA	ND	ND	ND

Notes:

- All analytical results are in microgram per Liter (µg/L)
- Conc = Concentration. Note: if the concentration was non-detect (ND) at the Reporting
- Lab Qual = Laboratory Qualifier
- Qualifiers - UJ = Estimated Not Detected above laboratory reporting limits shown in parenthesis;
- MDL = Method Detection Limit
- ND and U = Not Detected above laboratory reporting limits shown in parenthe
- -- = Not Analyzed
- NSE = No Standard Exists
- Highlighted values exceeds the applicable Reportable Concentration
- Only compounds with detections are shown, see laboratory report for full resu

Table 2
Field Parameter Measurements
Post Injection Sample Events
Diamond Properties
Valhalla, NY
VERTEX Project NO. 64239

Well ID	MW-1I							MW-1S						
Date	6/4/2020	6/23/2020	7/21/2020	8/26/2020	9/23/2020	10/21/2020		6/4/2020	6/23/2020	7/22/2020	8/26/2020	9/23/2020	10/21/2020	
Time	12:25	10:00	14:33	11:10	15:10	15:00		15:00	8:55	8:30	12:35	13:40	13:30	
Temp (°C)	18.0	16.1	15.54	18.85	18.38	15.91		19.34	18.82	20.96	26.5	22.8	20.84	
pH (su)	2.67	2.25	2.17	2.94	2.31	2.98		2.65	1.92	1.94	2.61	2	2.75	
ORP/eV (mV)	580	677	549	612	324	633		6.38	667	689	682	617	637	
Cond (mS/cm)	56.1	79.9	42.4	20.2	25.3	15.5		48.5	>100	64.4	49	58.5	27.5	
Turbidity (NTU)	ND	ND	2.1	ND	ND	ND		>1000	ND	823	>1000	299	180	
D.O. (mg/L)	ND	ND	ND	ND	0.56	0.34		ND	1.25	ND	ND	1.58	1.32	

Well ID	MW-3D							MW-3I							MW-3S						
Date	6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020		6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020		6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020	
Time	11:30	12:20	11:12	12:27	12:45	11:50		11:45	13:25	12:15	13:15	10:45	10:10		12:20	13:18	12:55	14:10	11:00	10:18	
Temp (°C)	15.26	15.2	14.24	15.54	15.38	14.79		16.35	16.34	17.63	17.77	17.37	16.78		16.57	16.84	18.01	21.48	19.19	18.77	
pH (su)	6.63	6.8	6.86	6.49	6.36	6.66		6.53	6.28	7.02	6.62	6.4	6.7		6.37	6.37	6.61	6.14	5.96	6	
ORP/eV (mV)	180	169	68	53	2	77		-29	-44	-64	-93	-84	-82		-71	-32	-59	-63	-59	-85	
Cond (mS/cm)	0.369	0.491	0.473	0.402	0.502	0.676		1.93	1.17	1.35	0.917	1.08	1.3		5.66	5.48	5.59	0.5	5.6	5.65	
Turbidity (NTU)	7.9	3.6	4	11.3	ND	ND		642	231	106	58.5	194	61.2		7.1	77.2	8.5	10.8	4.4	1.4	
D.O. (mg/L)	ND	ND	ND	0.16	1.94	0.84		ND	ND	ND	ND	1.12	0.63		ND	ND	1.96	ND	0.34	0.87	

Well ID	MW-4I							MW-4S						
Date	6/4/2020	6/17/2020	7/21/2020	8/25/2020	9/23/2020	10/21/2020		6/4/2020	6/17/2020	7/22/2020	8/25/2020	9/23/2020	10/21/2020	
Time	13:40	11:20	12:55	13:55	12:55			13:55	9:40	9:50	15:32	13:45	13:15	
Temp (°C)	15.55	16.42	15.63	18.86	16.47			14.26	15.22	17.93	20.84	19.39	17.69	
pH (su)	6.9	6.81	6.8	6.68	6.32			3.52	3.76	4.69	4.48	5.45	5.28	
ORP/eV (mV)	-52	-86	-127	-149	-68			485	412	179	144	ND	112	
Cond (mS/cm)	0.247	0.225	0.205	0.261	0.328			1.07	3.36	2.72	2.8	2.47	2.02	
Turbidity (NTU)	22.9	7.3	6.5	6.1	8			11.1	42.8	95.8	27.3	101	63.8	
D.O. (mg/L)	2.3	ND	ND	ND	0.31			ND	ND	0.76	ND	0.26	0.34	

ND- Not detected