

Corrosion Investigation Testing

Cheapeake Labs

Sample Date: 1/5/2021

System:	Location:	Alkalinity mg/L	Free CL2 mg/L	Iron mg/L	LI	Manganese mg/L	pH S.U.	Ortho-P mg/L
Prospect	Prospect Well House #1	156	1.8	<0.1	-0.19	<0.2	7.9	0.16
	241 PBDW F/H	164	1.4	<0.1	-0.46	<0.2	7.8	1.65
	111 Enclave	156	1	<0.1	-0.59	<0.2	7.7	1.56
Grasonville	Grasonville WTP (Ion Exchange)	62	2.3	0.33	-2.68	<0.2	7.1	1.64
	Slippery Hill F/H	66	0.9	0.21	-2.45	<0.2	7.5	1.87
	152 Tall Pine Ln	68	1	0.27	-2.34	<0.2	7.6	1.81
	561 Caspian Dr	64	0.8	0.19	-1.86	<0.2	7.8	1.83
	Gravel Run RD	66	0.7	0.38	-2.35	<0.2	7.3	1.81
Oyster Cove	Oyster Cove WTP	202	1.4	0.12	0.11	<0.2	7.8	0.18
	1408 Oyster Cove	204	1	0.11	-0.09	<0.2	7.7	0.17
	Boatel	166	0.1	0.1	-0.52	<0.2	7.4	0.53
Stevensville System	Bridgepointe WTP (Ion Exchange)	74	2	<0.1	-2.37	0.3	7.6	1.67
	Queens Landing WTP	220	0.5	<0.1	-0.02	0.2	7.4	0.28
	BaySide WTP (Ion Exchange)	70	1.6	<0.1	-2.23	0.4	7.5	3.1
	Stevensville WTP	56	2.2	<0.1	-0.76	0.3	8	0.12
	CBBP WTP	54	1.8	<0.1	-1.34	0.4	7.5	0.17
	Thompson Creek WTP	50	2.8	<0.1	-1.21	<0.2	7.6	0.13
	Riverside WTP	136	0.3	<0.1	-0.92	<0.2	7.4	0.18
	808 Kimberly Way	54	1.6	<0.10	-1.67	<0.2	7.5	0.18
	Chenoweth\Broad Creek\Chesapeake	56	1.1	0.8	-1.08	<0.2	7.9	1.53
	440 Conor F/H Ellendale Dr.	50	0.6	1.3	-1.39	<0.2	7.6	0.34
547 Mooring Circle - Bay Bridge Cove	52	0.8	0.18	-1.15	0.2	8	<0.1	
Gibson's Grant F/H	66	1.3	0.43	-1.4	<0.2	7.8	1.1	

Harbor View F/H	74	1.2	<0.1	-1.19	<0.2	7.6	0.43
Clayborne Woods F/H 4B	60	1.5	0.32	-1.84	<0.2	7.4	0.78
Safeway Shamrock F/H	88	1.3	0.16	-0.93	<0.2	7.7	0.5

12/1 & 12/2/2020 Samples

100 Bay City Rd	58	0.56		-1.05		7.72	
Broadcreek Dr & Paul Lane F/H	53	1.3		-1.79	0.25	7.3	
Bay City Rd & Romancoke Rd	56	1.3		-1.26	0.4	7.7	
Bay City Rd & Bay City Dr	56	1.3		-1.62	0.2	7.4	

1/13/2021

jlh

TDS mg/L	Temp °F	Calc Hardness mg/L
170	59.1	56
180	49.2	58
160	48.1	56
90	66	2
100	50.5	2
80	53.7	2
60	54.3	4
80	55.7	4
240	58.4	110
220	51.2	108
120	55.2	86
50	66.5	<1.0
250	60.4	186
100	67.6	2
60	74.3	18
80	76.3	16
140	72.7	18
220	54.5	48
40	49.6	16
60	50.5	22
110	49.5	30
110	48	20
90	48.7	14

70	48.6	32
100	46.4	14
90	45.7	40

115	18.8	22
130	13.1	18
70	16.2	18
120	12.1	20