

SS-012 (Whaleback Park)

ANALYTE	UNIT	RL	6/1/16	6/8/16	6/15/16	6/22/16	6/29/16	7/6/16	7/13/16	7/20/16	7/27/16	8/3/16	8/10/16	8/17/16	8/24/16
Aluminum	mg/L	0.050	ND	ND	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	32	26	21	21	22	23	31	30	20	19	19	19	18
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	56	42	30	28	28	30	50	49	22	20	19	21	19
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	10	30	22	11	11	12	12	21	25	9.3	9.0	8.0	8.2	8.4
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	ND	ND	5.0	ND	ND	ND	ND	5.0	ND	ND	ND	ND
Turbidity	NTU	0.10	0.12	0.060	0.060	0.060	0.090	0.070	0.16	0.070	0.080	0.31	0.080	0.060	0.070
Alkalinity	mg/L	3.0	350	300	240	230	240	250	330	320	210	220	210	230	220
Bicarbonate	mg/L	3.0	350	300	230	230	230	240	330	320	210	210	210	210	220
Carbonate	mg/L	3.0	ND	ND	10	4.6	5.4	3.7	2.7	ND	5.7	12	ND	12	5.0
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	310	240	180	170	170	180	280	270	140	130	130	130	120
Hardness	GPG		18.1	14.0	10.5	9.9	9.9	10.5	16.4	15.8	8.2	7.6	7.6	7.6	7.0
pH	pH Unit		7.7	7.8	8	7.9	7.9	7.9	7.8	7.8	7.9	7.9	7.9	7.9	8.0
Orthophosphate as PO4	mg/L	0.050	0.19	0.23	0.33	0.40	0.40	0.41	0.36	0.36	0.32	0.29	0.30	0.26	0.27
Heterotropic Plate Count	MPN/100	<2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Asbestos	MFL	<0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Abbreviations

CU	color unit
GPG	grains per gallon (parts per million divided by 17.1)
MFL	million fibers per liter
mg/L	milligrams/liter
MPN	most probable number
ND	Not Detected
NTU	Nephelometric Turbidity Units
RL	reporting limit

SS-012 (Whaleback Park)

ANALYTE	UNIT	RL	8/31/16	9/7/16	9/14/16	9/21/16	9/28/16	10/5/16	10/12/16	10/19/16	10/26/16	11/2/16	11/9/16	11/16/16	11/21/16
Aluminum	mg/L	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	19	18	18	19	17	17	18	16	16	17	15	17	17
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	20	18	20	21	18	19	21	16	14	14	9.7	11	9.6
Manganese	mg/L	0.010	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	10	9.4	8.9	9.2	9.6	8.4	9.6	9.5	8.8	5.9	4.9	5.3	ND	ND
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity	NTU	0.10	0.22	0.070	0.070	0.090	0.10	0.19	0.10	0.11	0.11	0.11	0.11	0.11	0.11
Alkalinity	mg/L	3.0	220	210	220	220	170	210	210	180	130	130	110	100	91
Bicarbonate	mg/L	3.0	210	210	210	210	160	200	210	170	130	130	110	100	91
Carbonate	mg/L	3.0	8.5	3.5	5.6	14	5.0	11	ND	2.0	ND	ND	ND	ND	ND
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	130	120	130	140	120	120	130	110	94	100	78	87	83
Hardness	GPG		7.6	7.0	7.6	8.2	7.0	7.0	7.6	6.4	5.5	5.8	4.6	5.1	4.9
pH	pH unit		7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.0	8.3	8.1
Orthophosphate as PO4	mg/L	0.05	0.29	0.34	0.46	0.20	0.59	0.21	0.16	0.85	1.5	1.3	2.0	1.9	1.8
Heterotrophic Plate Count	MPN/100	<2.0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Asbestos	MFL	<0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Abbreviations

CU	color unit
GPG	grains per gallon (parts per million divided by 17.1)
MFL	million fibers per liter
mg/L	milligrams/liter
MPN	most probable number
ND	Not Detected
NTU	Nephelometric Turbidity Units
RL	reporting limit

SS-012 (Whaleback Park)

ANALYTE	UNIT	RL	11/30/16	12/7/16	12/14/16	12/21/16	12/28/16	1/4/17	1/11/17	1/18/17	1/25/17	2/1/17	2/8/17	2/15/17	2/22/17
Aluminum	mg/L	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	19	17	17	13	15	14	11	9.2	10	12	10	8.2	7.5
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	14	9.5	9.4	6.0	6.1	7.0	5.5	4.1	4.6	5.5	4.8	3.3	3.1
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	0.013	ND	ND	0.019	ND	ND	ND	ND
Chromium	ug/L	10	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0
Turbidity	NTU	0.10	0.13	0.12	0.18	0.13	0.56	0.14	0.25	0.39	0.24	0.17	0.12	0.12	0.25
Alkalinity	mg/L	3.0	150	95	84	57	56	75	51	43	50	55	55	37	37
Bicarbonate	mg/L	3.0	150	95	84	57	51	74	51	43	50	55	55	37	37
Carbonate	mg/L	3.0	ND	ND	ND	ND	5.4	ND	ND	ND	ND	ND	ND	ND	ND
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	110	81	80	56	62	65	50	40	44	53	46	34	32
Hardness	GPG		6.4	4.7	4.7	3.3	3.6	3.8	2.9	2.3	2.6	3.1	2.7	2.0	1.9
pH	pH Unit		8.0	8.0	8.1	8.2	8.6	8.2	8.1	8.2	8.0	8.1	8.2	8.4	8.2
Orthophosphate as PO4	mg/L	0.050	1.5	2.2	2.2	2.2	2.4	2.3	2.2	2.4	2.4	2.5	2.3	2.2	2.3
Heterotrophic Plate Count	MPN/100	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Asbestos	MFL	<0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Abbreviations

- CU color unit
- GPG grains per gallon (parts per million divided by 17.1)
- MFL million fibers per liter
- mg/L milligrams/liter
- MPN most probable number
- ND Not Detected
- NTU Nephelometric Turbidity Units
- RL reporting limit

SS-012 (Whaleback Park)

ANALYTE	UNIT	RL	3/1/17	3/8/17	3/15/17	3/22/17	3/29/17	4/5/17	4/12/17	4/19/17	4/26/17	5/3/17	5/10/17	5/17/17	5/24/17
Aluminum	mg/L	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	ND
Calcium	mg/L	0.10	7.9	12	13	12	9.6	13	12	11	9.1	11	11	9.3	9.9
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	3.1	5.2	5.8	5.8	4.0	6.6	5.4	4.7	3.8	6.0	4.6	3.9	4.6
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity	NTU	0.10	0.25	0.13	0.11	0.1	0.090	0.19	0.20	0.21	0.14	0.21	0.17	0.11	0.13
Alkalinity	mg/L	3.0	40	51	57	57	42	57	51	51	45	80	52	46	52
Bicarbonate	mg/L	3.0	40	51	57	57	42	57	51	51	45	80	52	46	52
Carbonate	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	33	52	56	54	40	60	52	46	38	52	46	39	43
Hardness	GPG		1.9	3.0	3.3	3.2	2.3	3.5	3.0	2.7	2.2	3.0	2.7	2.3	2.5
pH	pH Unit		8.7	8.2	8.1	8.1	8.2	8.1	8.1	8.2	8.0	7.9	8.0	8.3	8.4
Orthophosphate as PO4	mg/L	0.050	2.2	2.4	2.2	2.2	2.3	2.2	2.2	2.1	2.3	1.8	2.2	2.2	2.2
Heterotrophic Plate Count	MPN/100	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Asbestos	MFL	<0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Abbreviations

CU	color unit
GPG	grains per gallon (parts per million divided by 17.1)
MFL	million fibers per liter
mg/L	milligrams/liter
MPN	most probable number
ND	Not Detected
NTU	Nephelometric Turbidity Units
RL	reporting limit

SS-012 (Whaleback Park)

ANALYTE	UNIT	RL	5/31/17	6/7/17	6/14/17	6/21/17	6/28/17	7/6/17	7/12/17	7/19/17	7/26/17	8/2/17	8/9/17	8/16/17	8/23/17
Aluminum	mg/L	0.050	ND	ND	ND	ND	ND	0.30	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	11	12	15	19	14	17	18	12	11	12	13	14	12
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018	ND
Magnesium	mg/L	0.10	6.8	8.0	9.0	18	10	15	17	7.1	6.2	8.7	9.2	11	6.3
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	10	ND	ND	ND	8.4	ND	5.9	ND	ND	ND	ND	ND	4.8	ND
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity	NTU	0.10	0.54	0.15	0.11	0.10	0.10	0.13	0.090	0.14	0.15	0.10	0.14	0.10	0.11
Alkalinity	mg/L	3.0	75	89	99	220	120	180	200	95	75	100	100	120	71
Bicarbonate	mg/L	3.0	75	89	99	220	120	170	200	95	75	100	100	120	71
Carbonate	mg/L	3.0	ND	ND	ND	ND	ND	4.4	ND	ND	ND	ND	ND	ND	ND
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	56	63	74	120	76	100	120	60	54	66	70	77	56
Hardness	GPG		3.3	3.7	4.3	7.0	4.4	5.8	7.0	3.5	3.2	3.9	4.1	4.5	3.3
pH	pH Unit		8.3	8.3	8.3	8.1	8.3	8.2	8.2	8.4	8.4	8.3	8.3	8.3	8.4
Orthophosphate as PO4	mg/L	0.050	1.80	1.7	1.6	0.3	1.5								
Heterotrophic Plate Count	MPN/100	<2	<2	<2	<2	<2	<2								
Asbestos	MFL	<0.20	ND	ND	ND	ND	ND								

Abbreviations

CU	color unit
GPG	grains per gallon (parts per million divided by 17.1)
MFL	million fibers per liter
mg/L	milligrams/liter
MPN	most probable number
ND	Not Detected
NTU	Nephelometric Turbidity Units
RL	reporting limit

SS-012 (Whaleback Park)

ANALYTE	UNIT	RL	8/30/17	9/6/17	9/13/17	9/20/17	9/27/17	10/4/17	10/11/17
Aluminum	mg/L	0.050	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	14	15	16	12	12	11	12
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	12	13	13	6.6	5.7	6.0	5.5
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	10	5.1	6.1	6.3	ND	ND	ND	ND
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	50	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	5.0	ND	ND	ND	ND	ND
Turbidity	NTU	0.10	0.080	0.11	0.11	0.090	0.18	0.11	0.10
Alkalinity	mg/L	3.0	140	140	140	69	62	76	59
Bicarbonate	mg/L	3.0	140	140	140	69	62	76	59
Carbonate	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	86	93	92	57	52	52	54
Hardness	GPG		5.0	5.4	5.4	3.3	3.0	3.0	3.2
pH	pH Unit		8.3	8.2	8.2	8.4	8.4	8.4	8.4
Orthophosphate as PO4	mg/L	0.050							
Heterotrophic Plate Count	MPN/100	<2							
Asbestos	MFL	<0.20							

Abbreviations

CU	color unit
GPG	grains per gallon (parts per million divided by 17.1)
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mg/L	milligrams/liter
MPN	most probable number
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