

SS-008 (Wake Forest and Guava)

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	0.036	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	22	21	19	20	18	20	19	21	19	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	29	31	25	27	21	25	21	28	21	21	19	21	20
Manganese	mg/L	0.010	0.0064	ND	0.0093	0.0061	0.013	0.023	0.016	0.0053	0.0067	ND	ND	0.060	0.0064
Chromium	ug/L	10	13	13	9.2	9.6	7.5	10	6.1	12	10	9.0	7.9	8.7	8.8
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	37	26
Color, Apparent	CU	5.0	ND	ND	ND	5.0	5.0	5.0	5.0	ND	5.0	5.0	ND	5.0	ND
Turbidity	NTU	0.10	0.080	0.15	0.13	0.10	0.25	0.39	0.19	0.12	0.17	0.28	0.090	0.49	0.12
Alkalinity	mg/L	3.0	250	250	210	220	180	200	200	220	210	210	210	220	210
Bicarbonate	mg/L	3.0	240	250	200	220	180	200	200	220	210	200	210	210	210
Carbonate	mg/L	3.0	3.0	ND	6.9	ND	3.0	2.2	3.0	ND	5.0	12	ND	11	3.2
Hydroxide	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hardness	mg/L	0.41	170	180	150	160	130	150	140	170	140	130	130	130	130
Hardness	GPG		9.9	10.5	8.8	9.4	7.6	8.8	8.2	9.9	8.2	7.6	7.6	7.6	7.6
pH	pH Unit		7.9	7.9	7.9	7.8	7.9	7.9	7.9	7.9	7.8	7.9	7.9	7.6	7.9
Orthophosphate as PO4	mg/L	0.050	0.18	0.27	0.59	0.86	0.83	0.77	0.82	0.67	0.30	0.37	0.37	0.34	0.36
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-008 (Wake Forest and Guava)

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	14	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	19	18	18	19	ND	15	16	12	13	15	15	17	16
Iron	mg/L	0.030	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	20	19	20	23	0.032	15	17	8.0	8.0	9.7	8.2	9.9	9.3
Manganese	mg/L	0.010	0.0068	0.013	ND	0.014	ND	ND	ND	ND	0.014	0.011	0.013	ND	ND
Chromium	ug/L	10	9.0	7.9	10	11	ND	7.6	6.8	ND	ND	ND	4.9	ND	ND
Lead	ug/L	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	50	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Color, Apparent	CU	5.0	ND	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity	NTU	0.10	0.33	0.12	0.11	0.32	0.40	0.10	0.14	0.11	0.23	0.24	0.15	0.15	0.17
Alkalinity	mg/L	3.0	220	220	210	230	120	170	160	81	73	87	87	86	93
Bicarbonate	mg/L	3.0	220	220	210	220	120	170	160	81	73	87	87	86	93
Carbonate	mg/L	3.0	5.6	2.0	3.1	12	ND	5.1	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	130	120	130	140	81	100	110	64	67	77	70	82	79
Hardness	GPG		7.6	7.0	7.6	8.2	4.7	5.8	6.4	3.7	3.9	4.5	4.1	4.8	4.6
pH	pH unit		7.9	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.1	7.8
Orthophosphate as PO4	mg/L	0.05	0.36	0.37	0.29	0.21	1.6	0.82	0.94	2.1	2.3	2.1	2.3	2.2	1.9
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

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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	0.033	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	18	16	13	12	13	14	10	9.1	10	12	10	7.7	7.2
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	17	8.7	6.4	6.0	6.4	7.1	4.7	4.4	4.9	5.7	5.0	3.3	3.1
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	ND	0.024	0.027	ND	0.012	ND	ND	ND
Chromium	ug/L	10	6.3	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	5.0	ND	ND	ND	ND	ND	ND	5.0
Turbidity	NTU	0.10	0.11	0.11	0.18	0.11	0.35	0.27	0.22	0.25	0.17	0.27	0.18	0.14	0.18
Alkalinity	mg/L	3.0	140	87	55	56	72	66	46	43	46	59	56	35	36
Bicarbonate	mg/L	3.0	140	87	55	56	72	66	46	43	46	59	56	35	36
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	110	75	58	56	59	64	44	41	45	53	46	33	31
Hardness	GPG		6.4	4.4	3.4	3.3	3.5	3.7	2.6	2.4	2.6	3.1	2.7	1.9	1.8
pH	pH Unit		7.8	7.9	8.0	8.1	7.9	8.0	7.9	7.9	8.0	8.1	8.1	8.0	8.0
Orthophosphate as PO4	mg/L	0.050	1.8	2.4	2.4	1.9	2.4	2.3	2.2	2.4	2.4	2.3	2.3	2.2	2.3
Heterotropic 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

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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	0.030	0.036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	7.5	12	13	12	9.2	13	11	10	9.2	9.1	11	9.5	9.0
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	3.3	5.4	5.9	5.6	4.0	6.2	5.6	4.7	3.9	4.5	5.1	4.0	4.1
Manganese	mg/L	0.010	0.0051	0.027	ND	0.053	ND	0.015	0.022	ND	0.017	0.020	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	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity	NTU	0.10	0.26	0.27	0.11	0.38	0.16	0.20	0.21	0.11	0.31	0.28	0.15	0.13	0.15
Alkalinity	mg/L	3.0	34	53	56	55	40	59	51	49	43	55	58	47	53
Bicarbonate	mg/L	3.0	34	53	56	55	40	59	51	49	43	55	58	47	53
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	32	52	57	52	39	57	52	45	39	41	49	40	39
Hardness	GPG		1.9	3.0	3.3	3.0	2.3	3.3	3.0	2.6	2.3	2.4	2.9	2.3	2.3
pH	pH Unit		8.6	7.9	8.0	7.9	8.0	7.9	7.9	7.9	7.9	7.9	7.8	8.2	8.3
Orthophosphate as PO4	mg/L	0.050	2.2	2.4	2.2	2.2	2.2	2.6	2.2	2.2	2.2	2.1	2.2	2.0	2.6
Heterotropic 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
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ND	Not Detected
NTU	Nephelometric Turbidity Units
RL	reporting limit

SS-008 (Wake Forest and Guava)

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	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	mg/L	0.10	11	9.9	11	17	11	16	17	12	12	16	13	12	12
Iron	mg/L	0.030	ND	ND	ND	ND	ND	ND	0.037	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	0.10	5.7	4.6	5.7	15	6.0	13	17	6.1	8.0	16	8.7	6.4	6.4
Manganese	mg/L	0.010	ND	ND	ND	ND	ND	0.017	ND	ND	ND	ND	ND	ND	ND
Chromium	ug/L	10	ND	ND	ND	6.4	ND	ND	ND	ND	ND	8.7	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	0.35	0.13	0.19	0.18	0.10	0.29	0.22	0.22	0.14	0.17	0.11	0.13	0.12
Alkalinity	mg/L	3.0	65	51	59	170	72	140	190	68	94	180	98	71	69
Bicarbonate	mg/L	3.0	65	51	59	170	72	140	190	68	94	180	98	71	69
Carbonate	mg/L	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	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	50	44	52	110	52	92	110	54	64	100	67	55	56
Hardness	GPG		2.9	2.6	3.0	6.4	3.0	5.4	6.4	3.2	3.7	5.8	3.9	3.2	3.3
pH	pH Unit		8.3	8.3	8.3	8.2	8.4	8.2	8.2	8.3	8.3	8.2	8.3	8.3	8.4
Orthophosphate as PO4	mg/L	0.050	1.90	2.3	2.5	0.8	2.1								
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)
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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	14	12	12	11	11	12
Iron	mg/L	0.030	ND	ND	ND	ND	ND	0.047	ND
Magnesium	mg/L	0.10	11	11	7.5	6.5	5.7	5.5	5.8
Manganese	mg/L	0.010	ND	ND	0.0049	ND	ND	ND	ND
Chromium	ug/L	10	ND	4.6	ND	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	0.090	0.33	0.14	0.10	0.16	0.12	0.11
Alkalinity	mg/L	3.0	120	110	75	66	63	64	58
Bicarbonate	mg/L	3.0	120	110	75	66	63	64	58
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	78	80	62	56	51	50	55
Hardness	GPG		4.6	4.7	3.6	3.3	3.0	2.9	3.2
pH	pH Unit		8.3	8.2	8.3	8.3	8.3	8.4	8.3
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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