

WQC Laboratory Report

REPORT TO

Sample Number: AI07597

Sample Collection Date & Time: 11/02/2020 09:35

Sample Point : South River Above Snapfinger

Analyte Name	Result	Units
Conductivity Field	138	umhos
Temperature Field	12.9	°C
Phosphorus (Ortho)	0.02	mg/L
Nitrate - Nitrite	0.50	mg/L
Nitrate as N	0.50	mg/L
Fecal Coliform (MF)	1300	CFU/100mL
Turbidity - Field	5.3	NTU
Total Suspended Solids	2	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
pH	6.7	SU
pH Field	6.7	SU
Nitrite as N	< 0.20	mg/L
Dissolved Oxygen Electrode Field	8.8	mg/L
Total Hardness	30.8	mg/L
Alkalinity	47	mg/L
Biochemical Oxygen Demand	<2	mg/L
Ammonia	< 0.10	mg/L
Conductivity	137	umhos
Turbidity	3	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Phosphorus (Total)	0.02	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07598

Sample Collection Date & Time: 11/02/2020 12:20

Sample Point : South River Below Snapfinger

Analyte Name	Result	Units
Nitrate - Nitrite	2.67	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Suspended Solids	5	mg/L
Turbidity - Field	3.8	NTU
Conductivity Field	258	umhos
Fecal Coliform (MF)	2100	CFU/100mL
Phosphorus (Ortho)	0.02	mg/L
Nitrate as N	2.67	mg/L
Biochemical Oxygen Demand	<2	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Nitrite as N	< 0.20	mg/L
Dissolved Oxygen Electrode Field	9.2	mg/L
Ammonia	< 0.10	mg/L
Temperature Field	14.6	°C
pH	7.1	SU
pH Field	6.8	SU
Alkalinity	54	mg/L
Phosphorus (Total)	0.05	mg/L
Conductivity	249	umhos
Turbidity	3	NTU
Total Hardness	77.3	mg/L

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REPORT TO

Sample Number: AI07599

Sample Collection Date & Time: 11/02/2020 10:20

Sample Point : South River Above LAS

Analyte Name	Result	Units
Ammonia	< 0.10	mg/L
Total Hardness	45.7	mg/L
Nitrate - Nitrite	2.42	mg/L
Nitrate as N	2.42	mg/L
Nitrite as N	< 0.20	mg/L
Fecal Coliform (MF)	1700	CFU/100mL
Conductivity Field	209	umhos
Turbidity - Field	4.5	NTU
Total Suspended Solids	5	mg/L
Alkalinity	46	mg/L
Phosphorus (Ortho)	0.02	mg/L
pH Field	7.4	SU
pH	6.8	SU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Temperature Field	14.4	°C
Dissolved Oxygen Electrode Field	9.8	mg/L
Conductivity	205	umhos
Turbidity	4	NTU
Phosphorus (Total)	0.04	mg/L
Biochemical Oxygen Demand	<2	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L

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REPORT TO

Sample Number: AI07600

Sample Collection Date & Time: 11/02/2020 11:15

Sample Point : South River Below Pole Bridge

Analyte Name	Result	Units
Alkalinity	44	mg/L
Total Suspended Solids	5	mg/L
Turbidity - Field	9.3	NTU
Conductivity Field	280	umhos
Fecal Coliform (MF)	1300	CFU/100mL
Nitrite as N	< 0.20	mg/L
Nitrate - Nitrite	3.08	mg/L
Total Hardness	43.9	mg/L
Phosphorus (Ortho)	0.02	mg/L
Nitrate as N	3.08	mg/L
Temperature Field	14.3	°C
Chlorine, Total by Color Wheel Field	0.00	mg/L
Turbidity	4	NTU
Conductivity	225	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.04	mg/L
Biochemical Oxygen Demand	<2	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	9.3	mg/L
pH	7.1	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L

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REPORT TO

Sample Number: AI07601

Sample Collection Date & Time: 11/02/2020 10:40

Sample Point : South River Below LAS

Analyte Name	Result	Units
Total Hardness	48.2	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Suspended Solids	4	mg/L
Turbidity - Field	9.1	NTU
Conductivity Field	217	umhos
Fecal Coliform (MF)	2000	CFU/100mL
Nitrite as N	< 0.20	mg/L
Nitrate - Nitrite	3.24	mg/L
Nitrate as N	3.24	mg/L
Alkalinity	42	mg/L
Dissolved Oxygen Electrode Field	9.4	mg/L
Phosphorus (Ortho)	0.02	mg/L
Temperature Field	13.4	°C
pH Field	7.8	SU
Biochemical Oxygen Demand	<2	mg/L
Ammonia	< 0.10	mg/L
Conductivity	211	umhos
Turbidity	6	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Phosphorus (Total)	0.04	mg/L
pH	7.0	SU

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REPORT TO

Sample Number: AI07602

Sample Collection Date & Time: 11/02/2020 10:55

Sample Point : Pole Bridge Creek Below LAS

Analyte Name	Result	Units
Nitrate - Nitrite	< 0.20	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Suspended Solids	11	mg/L
Turbidity - Field	7.1	NTU
Conductivity Field	84	umhos
Fecal Coliform (MF)	320	CFU/100mL
Nitrate as N	< 0.20	mg/L
pH	6.5	SU
Total Hardness	17.8	mg/L
Nitrite as N	< 0.20	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	32	mg/L
Phosphorus (Ortho)	0.01	mg/L
pH Field	7.1	SU
Temperature Field	13.0	°C
Phosphorus (Total)	0.01	mg/L
Ammonia	< 0.10	mg/L
Conductivity	82	umhos
Turbidity	7	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Dissolved Oxygen Electrode Field	9.2	mg/L

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REPORT TO

Sample Number: AI07603

Sample Collection Date & Time: 11/02/2020 11:30

Sample Point : Pole Bridge Creek Abv LAS #10

Analyte Name	Result	Units
Tape down distance	n/a	Feet
Total Suspended Solids	4	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity - Field	7.7	NTU
Conductivity Field	86	umhos
Fecal Coliform (MF)	350	CFU/100mL
Nitrite as N	< 0.20	mg/L
Nitrate as N	< 0.20	mg/L
Phosphorus (Ortho)	0.01	mg/L
pH	6.4	SU
Nitrate - Nitrite	< 0.20	mg/L
Biochemical Oxygen Demand	<2	mg/L
Dissolved Oxygen Electrode Field	9.4	mg/L
Total Hardness	30.2	mg/L
pH Field	7.3	SU
Temperature Field	12.8	°C
Phosphorus (Total)	0.02	mg/L
Ammonia	< 0.10	mg/L
Conductivity	82	umhos
Turbidity	3	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Alkalinity	32	mg/L

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REPORT TO

Sample Number: AI07604

Sample Collection Date & Time: 11/02/2020 08:51

Sample Point : South River at Bouldercrest Rd

Analyte Name	Result	Units
Fecal Coliform (MF)	3700	CFU/100mL
Total Suspended Solids	<1	mg/L
Turbidity - Field	6.5	NTU
Conductivity Field	184	umhos
Chlorine, Total by Color Wheel Field	0.00	mg/L
Nitrite as N	< 0.20	mg/L
Phosphorus (Ortho)	0.05	mg/L
Nitrate as N	0.66	mg/L
Nitrate - Nitrite	0.66	mg/L
Temperature Field	10.7	°C
Alkalinity	58	mg/L
pH Field	7.6	SU
Dissolved Oxygen Electrode Field	13.1	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Ammonia	< 0.10	mg/L
Turbidity	4	NTU
Phosphorus (Total)	0.06	mg/L
Conductivity	180	umhos
pH	7.2	SU
Total Hardness	43.1	mg/L
Biochemical Oxygen Demand	<2	mg/L

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REPORT TO

Sample Number: AI07605

Sample Collection Date & Time: 11/02/2020 09:04

Sample Point : Entrenchment Creek: Const. Rd.

Analyte Name	Result	Units
Phosphorus (Ortho)	0.03	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Suspended Solids	2	mg/L
Conductivity Field	210	umhos
Total Hardness	46.2	mg/L
Nitrite as N	< 0.20	mg/L
pH	6.5	SU
Nitrate - Nitrite	1.60	mg/L
Turbidity - Field	4.1	NTU
Nitrate as N	1.60	mg/L
Dissolved Oxygen Electrode Field	13.2	mg/L
Fecal Coliform (MF)	2900	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Temperature Field	10.7	°C
pH Field	7.6	SU
Alkalinity	60	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.04	mg/L
Ammonia	0.19	mg/L
Conductivity	201	umhos
Turbidity	3	NTU

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REPORT TO

Sample Number: AI07606

Sample Collection Date & Time: 11/02/2020 09:20

Sample Point : South River at Moreland Ave

Analyte Name	Result	Units
Temperature Field	10.7	°C
Total Hardness	41.5	mg/L
Conductivity Field	180	umhos
Dissolved Oxygen Electrode Field	13.9	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Nitrite as N	< 0.20	mg/L
Ammonia	< 0.10	mg/L
Total Suspended Solids	<1	mg/L
Alkalinity	58	mg/L
Phosphorus (Total)	0.02	mg/L
pH Field	7.6	SU
Turbidity	5	NTU
Conductivity	173	umhos
Fecal Coliform (MF)	3000	CFU/100mL
pH	6.9	SU
Nitrate as N	0.60	mg/L
Nitrate - Nitrite	0.60	mg/L
Phosphorus (Ortho)	0.01	mg/L
Turbidity - Field	3.8	NTU

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REPORT TO

Sample Number: AI07607

Sample Collection Date & Time: 11/02/2020 11:50

Sample Point : South River at Klondike Rd

Analyte Name	Result	Units
Chlorine, Total by Color Wheel	< 0.10	mg/L
Nitrate - Nitrite	2.62	mg/L
Nitrate as N	2.62	mg/L
Nitrite as N	< 0.20	mg/L
Fecal Coliform (MF)	2300	CFU/100mL
Conductivity Field	201	umhos
Dissolved Oxygen Electrode Field	9.2	mg/L
Turbidity - Field	8.9	NTU
Phosphorus (Ortho)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
Temperature Field	13.2	°C
Chlorine, Total by Color Wheel Field	0.00	mg/L
Turbidity	5	NTU
Total Hardness	56.6	mg/L
pH Field	7.4	SU
pH	7.0	SU
Phosphorus (Total)	0.05	mg/L
Alkalinity	41	mg/L
Total Suspended Solids	10	mg/L
Ammonia	< 0.10	mg/L
Conductivity	195	umhos

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REPORT TO

Sample Number: AI07660

Sample Collection Date & Time: 11/03/2020 09:35

Sample Point : Conley Creek: River Road

Analyte Name	Result	Units
Total Hardness	36	mg/L
Total Suspended Solids	10	mg/L
Turbidity - Field	5.7	NTU
Conductivity Field	148	umhos
Chlorine, Total by Color Wheel Field	0.00	mg/L
Fecal Coliform (MF)	380	CFU/100mL
pH	6.6	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Temperature Field	12.1	°C
Conductivity	146	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.12	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	51	mg/L
pH Field	6.8	SU
Turbidity	10	NTU
Dissolved Oxygen Electrode Field	9.4	mg/L

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REPORT TO

Sample Number: AI07661

Sample Collection Date & Time: 11/03/2020 10:35

Sample Point : Doolittle Creek: C. Spring Rd.

Analyte Name	Result	Units
pH	6.3	SU
Fecal Coliform (MF)	5400	CFU/100mL
Chlorine, Total by Color Wheel Field	0.00	mg/L
Conductivity Field	102	umhos
Turbidity - Field	6.7	NTU
Total Suspended Solids	10	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Conductivity	98	umhos
pH Field	6.8	SU
Turbidity	9	NTU
Dissolved Oxygen Electrode Field	9.3	mg/L
Alkalinity	27	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.06	mg/L
Ammonia	0.25	mg/L
Total Hardness	18	mg/L
Temperature Field	10.7	°C

WQC Laboratory Report

REPORT TO

Sample Number: AI07662

Sample Collection Date & Time: 11/03/2020 10:25

Sample Point : Doless Creek: C. Spring Rd.

Analyte Name	Result	Units
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Hardness	31	mg/L
Turbidity - Field	3.0	NTU
Conductivity Field	108	umhos
Fecal Coliform (MF)	430	CFU/100mL
pH	6.4	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Suspended Solids	10	mg/L
Temperature Field	10.4	°C
Conductivity	105	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.13	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	31	mg/L
pH Field	6.9	SU
Dissolved Oxygen Electrode Field	9.5	mg/L
Turbidity	2	NTU

WQC Laboratory Report

REPORT TO

Sample Number: AI07663

Sample Collection Date & Time: 11/03/2020 10:55

Sample Point : Sugar Creek: Clifton Church Rd

Analyte Name	Result	Units
Chlorine, Total by Color Wheel	<0.10	mg/L
pH	6.7	SU
Fecal Coliform (MF)	210	CFU/100mL
Chlorine, Total by Color Wheel Field	0.00	mg/L
Conductivity Field	137	umhos
Temperature Field	11.1	°C
Total Suspended Solids	5	mg/L
Conductivity	133	umhos
Turbidity - Field	2.8	NTU
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.04	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	37	mg/L
pH Field	6.6	SU
Dissolved Oxygen Electrode Field	9.8	mg/L
Turbidity	8	NTU
Total Hardness	37	mg/L

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REPORT TO

Sample Number: AI07664

Sample Collection Date & Time: 11/03/2020 11:30

Sample Point : Cobbs Creek: Rainbow Dr.

Analyte Name	Result	Units
Total Hardness	30	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	2	NTU
Fecal Coliform (MF)	3900	CFU/100mL
Chlorine, Total by Color Wheel Field	0.00	mg/L
Conductivity Field	100	umhos
Total Suspended Solids	8	mg/L
Turbidity - Field	4.1	NTU
Dissolved Oxygen Electrode Field	9.8	mg/L
Temperature Field	11.3	°C
pH Field	6.6	SU
Alkalinity	25	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.03	mg/L
Ammonia	< 0.10	mg/L
Conductivity	99	umhos
pH	6.6	SU

WQC Laboratory Report

REPORT TO

Sample Number: AI07665

Sample Collection Date & Time: 11/03/2020 11:10

Sample Point : Sugar Creek at Brannen Rd

Analyte Name	Result	Units
Conductivity Field	141	umhos
Phosphorus (Total)	0.05	mg/L
Fecal Coliform (MF)	320	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Ammonia	< 0.10	mg/L
Total Suspended Solids	2	mg/L
Alkalinity	41	mg/L
pH Field	6.9	SU
pH	7.2	SU
Turbidity	4	NTU
Conductivity	137	umhos
Dissolved Oxygen Electrode Field	10.0	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Turbidity - Field	3.3	NTU
Temperature Field	12.0	°C
Total Hardness	49	mg/L

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REPORT TO

Sample Number: AI07689

Sample Collection Date & Time: 11/04/2020 10:20

Sample Point : Peavine Creek at Northern Ave

Analyte Name	Result	Units
Turbidity	2	NTU
Chlorine, Total by Color Wheel	<0.10	mg/L
Fecal Coliform (MF)	300	CFU/100mL
Conductivity Field	258	umhos
Turbidity - Field	8.2	NTU
Temperature Field	16.8	°C
Total Suspended Solids	<1	mg/L
Ammonia	< 0.10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	71	mg/L
pH Field	7.2	SU
pH	7.0	SU
Dissolved Oxygen Electrode Field	7.7	mg/L
Conductivity	249	umhos
Total Hardness	92.4	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07690

Sample Collection Date & Time: 11/04/2020 11:00

Sample Point : Peavine Creek: Old Briarcliff

Analyte Name	Result	Units
Conductivity	168	umhos
Total Suspended Solids	2	mg/L
Turbidity	1	NTU
Total Hardness	58.2	mg/L
Fecal Coliform (MF)	180	CFU/100mL
Conductivity Field	109	umhos
Turbidity - Field	1.4	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Temperature Field	12.0	°C
Chlorine, Total by Color Wheel	<0.10	mg/L
Dissolved Oxygen Electrode Field	9.6	mg/L
pH	6.9	SU
pH Field	7.3	SU
Alkalinity	49	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.01	mg/L
Ammonia	< 0.10	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07691

Sample Collection Date & Time: 11/04/2020 10:40

Sample Point : Lullwater Creek: LW Pkwy.

Analyte Name	Result	Units
Ammonia	< 0.10	mg/L
Turbidity	1	NTU
Total Suspended Solids	<1	mg/L
Turbidity - Field	3.5	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Conductivity Field	175	umhos
Fecal Coliform (MF)	410	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Dissolved Oxygen Electrode Field	9.5	mg/L
Total Hardness	60.8	mg/L
Temperature Field	12.7	°C
Conductivity	176	umhos
pH	6.6	SU
pH Field	7.6	SU
Alkalinity	48	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.03	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07692

Sample Collection Date & Time: 11/04/2020 11:20

Sample Point : Barbershela @ Woodway Dr

Analyte Name	Result	Units
Temperature Field	15.5	°C
Total Hardness	32.2	mg/L
Turbidity - Field	5.4	NTU
Conductivity Field	121	umhos
Total Suspended Solids	3	mg/L
Fecal Coliform (MF)	480	CFU/100mL
pH	6.5	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Conductivity	91	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	< 0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	33	mg/L
Dissolved Oxygen Electrode Field	8.9	mg/L
Turbidity	4	NTU
pH Field	7.8	SU

WQC Laboratory Report

REPORT TO	<p>Sample Number: AI07772</p> <p>Sample Collection Date & Time: 11/06/2020 10:50</p> <p>Sample Point : Fecal monitoring site at 1504 Oldfield Rd</p>
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Analyte Name	Result	Units
pH Field	6.6	SU
Turbidity - Field	1.6	NTU
Dissolved Oxygen Electrode Field	8.4	mg/L
Conductivity Field	125	umhos
Temperature Field	14.6	°C
Fecal Coliform (MF)	150	CFU/100mL

WQC Laboratory Report

REPORT TO	Sample Number: AI07773 Sample Collection Date & Time: 11/06/2020 11:10 Sample Point : Fecal monitoring site at 3850 Memorial Dr. Avondale Estates

Analyte Name	Result	Units
Turbidity - Field	7.8	NTU
Temperature Field	16.2	°C
pH Field	6.8	SU
Conductivity Field	91	umhos
Fecal Coliform (MF)	600	CFU/100mL
Dissolved Oxygen Electrode Field	7.2	mg/L