

WQC Laboratory Report

REPORT TO

Sample Number: AI09554

Sample Collection Date & Time: 02/09/2021 09:35

Sample Point : South River Above Snapfinger

Analyte Name	Result	Units
Chlorine, Total by Color Wheel Field	0.00	mg/L
Temperature Field	10.1	°C
Phosphorus (Ortho)	0.01	mg/L
Fecal Coliform (MF)	540	CFU/100mL
Conductivity Field	131	umhos
Total Suspended Solids	4	mg/L
pH	6.5	SU
Total Hardness	45	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	9.77	NTU
pH Field	7.0	SU
Turbidity - Field	9.3	NTU
Dissolved Oxygen Electrode Field	9.4	mg/L
Conductivity	145	umhos
Alkalinity	52	mg/L
Biochemical Oxygen Demand	<2	mg/L
Ammonia	<0.10	mg/L
Nitrite as N	< 0.20	mg/L
Nitrate as N	0.85	mg/L
Nitrate - Nitrite	0.85	mg/L
Phosphorus (Total)	0.02	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI09555

Sample Collection Date & Time: 02/09/2021 09:50

Sample Point : South River Below Snapfinger

Analyte Name	Result	Units
Fecal Coliform (MF)	400	CFU/100mL
Total Hardness	59	mg/L
pH	6.9	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Suspended Solids	5	mg/L
Phosphorus (Ortho)	<0.01	mg/L
Conductivity Field	203	umhos
Biochemical Oxygen Demand	<2	mg/L
Turbidity	9.18	NTU
Turbidity - Field	9.5	NTU
Dissolved Oxygen Electrode Field	9.9	mg/L
Ammonia	<0.10	mg/L
Temperature Field	10.3	°C
Conductivity	194	umhos
pH Field	7.4	SU
Alkalinity	48	mg/L
Phosphorus (Total)	0.05	mg/L
Nitrite as N	0.56	mg/L
Nitrate as N	2.23	mg/L
Nitrate - Nitrite	2.79	mg/L

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REPORT TO

Sample Number: AI09556

Sample Collection Date & Time: 02/09/2021 09:20

Sample Point : South River Above LAS

Analyte Name	Result	Units
pH Field	6.9	SU
Temperature Field	11.5	°C
Fecal Coliform (MF)	310	CFU/100mL
Turbidity - Field	9.2	NTU
Total Suspended Solids	7	mg/L
Alkalinity	52	mg/L
Total Hardness	67	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	6.7	SU
Phosphorus (Ortho)	< 0.01	mg/L
Nitrate as N	2.52	mg/L
Nitrite as N	0.63	mg/L
Turbidity	9.37	NTU
Conductivity	209	umhos
Ammonia	<0.10	mg/L
Dissolved Oxygen Electrode Field	10.3	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.04	mg/L
Nitrate - Nitrite	3.15	mg/L

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REPORT TO

Sample Number: AI09557

Sample Collection Date & Time: 02/09/2021 10:03

Sample Point : South River Below Pole Bridge

Analyte Name	Result	Units
Phosphorus (Ortho)	<0.01	mg/L
Total Hardness	55	mg/L
pH	6.9	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Alkalinity	47	mg/L
Total Suspended Solids	10	mg/L
Fecal Coliform (MF)	380	CFU/100mL
Nitrate as N	2.50	mg/L
Turbidity - Field	9.9	NTU
Temperature Field	10.9	°C
Nitrite as N	< 0.20	mg/L
Conductivity	191	umhos
Ammonia	<0.10	mg/L
Phosphorus (Total)	0.06	mg/L
Biochemical Oxygen Demand	<2	mg/L
pH Field	7.7	SU
Dissolved Oxygen Electrode Field	10.1	mg/L
Nitrate - Nitrite	2.50	mg/L
Turbidity	11.8	NTU

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REPORT TO

Sample Number: AI09558

Sample Collection Date & Time: 02/09/2021 09:44

Sample Point : South River Below LAS

Analyte Name	Result	Units
Turbidity	10.7	NTU
Alkalinity	39	mg/L
Nitrate - Nitrite	3.23	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Suspended Solids	14	mg/L
Turbidity - Field	10.6	NTU
Fecal Coliform (MF)	430	CFU/100mL
pH	7.1	SU
Phosphorus (Ortho)	0.03	mg/L
Dissolved Oxygen Electrode Field	10.2	mg/L
Temperature Field	10.6	°C
pH Field	7.4	SU
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.04	mg/L
Ammonia	<0.10	mg/L
Conductivity	182	umhos
Total Hardness	59	mg/L
Nitrite as N	0.52	mg/L
Nitrate as N	2.71	mg/L

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REPORT TO

Sample Number: AI09560

Sample Collection Date & Time: 02/09/2021 10:40

Sample Point : Pole Bridge Creek Abv LAS #10

Analyte Name	Result	Units
Nitrate as N	0.24	mg/L
Alkalinity	73	mg/L
Phosphorus (Ortho)	<0.01	mg/L
Fecal Coliform (MF)	340	CFU/100mL
Turbidity - Field	8.2	NTU
Total Suspended Solids	12	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	7.0	SU
Total Hardness	26	mg/L
Dissolved Oxygen Electrode Field	10.2	mg/L
Turbidity	9.06	NTU
Temperature Field	10.4	°C
Nitrate - Nitrite	0.24	mg/L
pH Field	7.7	SU
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	<0.01	mg/L
Ammonia	<0.10	mg/L
Conductivity	27	umhos
Nitrite as N	< 0.20	mg/L

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REPORT TO

Sample Number: AI09561

Sample Collection Date & Time: 02/09/2021 10:20

Sample Point : South River at Bouldercrest Rd

Analyte Name	Result	Units
Fecal Coliform (MF)	380	CFU/100mL
Nitrate - Nitrite	1.13	mg/L
Turbidity - Field	6.4	NTU
Total Suspended Solids	3	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Temperature Field	10.7	°C
Total Hardness	40	mg/L
pH Field	7.5	SU
Dissolved Oxygen Electrode Field	9.6	mg/L
Phosphorus (Ortho)	<0.01	mg/L
pH	7.2	SU
Nitrite as N	0.32	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Ammonia	<0.10	mg/L
Turbidity	6.13	NTU
Phosphorus (Total)	0.03	mg/L
Biochemical Oxygen Demand	<2	mg/L
Conductivity	157	umhos
Alkalinity	52	mg/L
Nitrate as N	0.81	mg/L

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REPORT TO

Sample Number: AI09562

Sample Collection Date & Time: 02/09/2021 11:00

Sample Point : Entrenchment Creek: Const. Rd.

Analyte Name	Result	Units
Turbidity	4.81	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	7.0	SU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Suspended Solids	5	mg/L
Turbidity - Field	5.3	NTU
Conductivity	174	umhos
Temperature Field	10.5	°C
Fecal Coliform (MF)	190	CFU/100mL
Total Hardness	41	mg/L
Nitrate as N	1.58	mg/L
Nitrite as N	0.49	mg/L
Ammonia	0.18	mg/L
Phosphorus (Total)	0.04	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	54	mg/L
pH Field	7.2	SU
Dissolved Oxygen Electrode Field	9.0	mg/L
Nitrate - Nitrite	2.07	mg/L
Phosphorus (Ortho)	<0.01	mg/L

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REPORT TO

Sample Number: AI09563

Sample Collection Date & Time: 02/09/2021 10:40

Sample Point : South River at Moreland Ave

Analyte Name	Result	Units
Phosphorus (Ortho)	<0.01	mg/L
Ammonia	<0.10	mg/L
Total Hardness	62	mg/L
Biochemical Oxygen Demand	<2	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Dissolved Oxygen Electrode Field	9.7	mg/L
Fecal Coliform (MF)	440	CFU/100mL
Nitrate - Nitrite	1.04	mg/L
Turbidity - Field	5.7	NTU
Turbidity	5.88	NTU
Alkalinity	48	mg/L
Conductivity	154	umhos
Total Suspended Solids	5	mg/L
Temperature Field	10.8	°C
pH Field	7.5	SU
pH	7.1	SU
Nitrite as N	< 0.20	mg/L
Nitrate as N	1.04	mg/L
Phosphorus (Total)	0.01	mg/L

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REPORT TO

Sample Number: AI09564

Sample Collection Date & Time: 02/09/2021 10:50

Sample Point : South River at Klondike Rd

Analyte Name	Result	Units
Conductivity	168	umhos
Turbidity	13.6	NTU
Temperature Field	10.7	°C
pH Field	7.6	SU
pH	7.3	SU
Nitrite as N	0.36	mg/L
Phosphorus (Total)	0.08	mg/L
Turbidity - Field	13.2	NTU
Nitrate - Nitrite	2.50	mg/L
Phosphorus (Ortho)	< 0.01	mg/L
Dissolved Oxygen Electrode Field	10.1	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Total Hardness	54	mg/L
Ammonia	0.15	mg/L
Total Suspended Solids	19	mg/L
Alkalinity	40	mg/L
Nitrate as N	2.14	mg/L
Fecal Coliform (MF)	300	CFU/100mL

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REPORT TO

Sample Number: AI09603

Sample Collection Date & Time: 02/10/2021 09:15

Sample Point : Conley Creek: River Road

Analyte Name	Result	Units
Conductivity Field	172.9	umhos
Turbidity	7	NTU
Turbidity - Field	5.8	NTU
Fecal Coliform (MF)	490	CFU/100mL
pH	6.8	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	33.4	mg/L
Dissolved Oxygen Electrode Field	10.3	mg/L
Ammonia	<0.10	mg/L
Phosphorus (Total)	< 0.01	mg/L
Biochemical Oxygen Demand	2	mg/L
Alkalinity	43	mg/L
pH Field	7.2	SU
Temperature Field	10.2	°C
Conductivity	136	umhos
Total Suspended Solids	1	mg/L

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REPORT TO

Sample Number: AI09604

Sample Collection Date & Time: 02/10/2021 09:37

Sample Point : Doolittle Creek: C. Spring Rd.

Analyte Name	Result	Units
Total Hardness	27.7	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
pH	6.5	SU
Fecal Coliform (MF)	14500	CFU/100mL
Conductivity Field	96.7	umhos
Total Suspended Solids	1	mg/L
Ammonia	<0.10	mg/L
Turbidity - Field	2.4	NTU
Phosphorus (Total)	0.03	mg/L
Biochemical Oxygen Demand	2	mg/L
Alkalinity	30	mg/L
pH Field	7.2	SU
Dissolved Oxygen Electrode Field	9.9	mg/L
Temperature Field	10.3	°C
Conductivity	95	umhos
Turbidity	4	NTU

WQC Laboratory Report

REPORT TO

Sample Number: AI09605

Sample Collection Date & Time: 02/10/2021 09:46

Sample Point : Doless Creek: C. Spring Rd.

Analyte Name	Result	Units
Total Hardness	28.0	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
pH	6.5	SU
Fecal Coliform (MF)	27000	CFU/100mL
Conductivity Field	96.0	umhos
Turbidity - Field	3.2	NTU
Phosphorus (Total)	0.02	mg/L
Total Suspended Solids	4	mg/L
Temperature Field	10.4	°C
Ammonia	0.10	mg/L
Conductivity	92	umhos
Biochemical Oxygen Demand	3	mg/L
Alkalinity	26	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	9.6	mg/L
Turbidity	4	NTU

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REPORT TO

Sample Number: AI09606

Sample Collection Date & Time: 02/10/2021 10:12

Sample Point : Sugar Creek: Clifton Church Rd

Analyte Name	Result	Units
Conductivity	124	umhos
Turbidity - Field	5.8	NTU
Conductivity Field	130.0	umhos
Fecal Coliform (MF)	140	CFU/100mL
pH	6.7	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	6	NTU
Dissolved Oxygen Electrode Field	9.9	mg/L
Total Hardness	43.6	mg/L
Temperature Field	11.5	°C
Total Suspended Solids	4	mg/L
pH Field	7.1	SU
Alkalinity	30	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.02	mg/L
Ammonia	<0.10	mg/L

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REPORT TO

Sample Number: AI09607

Sample Collection Date & Time: 02/10/2021 10:37

Sample Point : Cobbs Creek: Rainbow Dr.

Analyte Name	Result	Units
Turbidity	3	NTU
Total Suspended Solids	1	mg/L
Conductivity Field	97.1	umhos
Fecal Coliform (MF)	2600	CFU/100mL
pH	6.5	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	28.3	mg/L
Turbidity - Field	2.7	NTU
Ammonia	0.10	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	2	mg/L
Alkalinity	23	mg/L
pH Field	7.2	SU
Temperature Field	11.7	°C
Conductivity	94	umhos
Dissolved Oxygen Electrode Field	10.1	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI09608

Sample Collection Date & Time: 02/10/2021 10:57

Sample Point : Sugar Creek at Brannen Rd

Analyte Name	Result	Units
Temperature Field	12.7	°C
Total Suspended Solids	9	mg/L
Ammonia	<0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Fecal Coliform (MF)	110	CFU/100mL
Alkalinity	36	mg/L
Conductivity Field	131.2	umhos
Turbidity - Field	7.0	NTU
Phosphorus (Total)	0.03	mg/L
pH Field	7.7	SU
Dissolved Oxygen Electrode Field	10.3	mg/L
Conductivity	125	umhos
Turbidity	8	NTU
pH	7.0	SU
Total Hardness	32.4	mg/L

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REPORT TO

Sample Number: AI09647

Sample Collection Date & Time: 02/11/2021 09:30

Sample Point : Peavine Creek at Northern Ave

Analyte Name	Result	Units
Ammonia	0.12	mg/L
Conductivity	236	umhos
Turbidity - Field	3.2	NTU
Conductivity Field	247	umhos
Fecal Coliform (MF)	1700	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	2	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Dissolved Oxygen Electrode Field	8.8	mg/L
Total Hardness	72	mg/L
Temperature Field	14.4	°C
Total Suspended Solids	3	mg/L
pH	6.9	SU
pH Field	7.2	SU
Alkalinity	71	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.06	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI09648

Sample Collection Date & Time: 02/11/2021 10:05

Sample Point : Peavine Creek: Old Briarcliff

Analyte Name	Result	Units
Total Hardness	38	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Turbidity - Field	2.1	NTU
Conductivity Field	164	umhos
Fecal Coliform (MF)	120	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	1	NTU
Total Suspended Solids	4	mg/L
Temperature Field	12.6	°C
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.05	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	46	mg/L
pH Field	7.4	SU
pH	6.9	SU
Conductivity	161	umhos
Dissolved Oxygen Electrode Field	9.8	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI09649

Sample Collection Date & Time: 02/11/2021 09:50

Sample Point : Lullwater Creek: LW Pkwy.

Analyte Name	Result	Units
Turbidity	1	NTU
Chlorine, Total by Color Wheel	<0.10	mg/L
Fecal Coliform (MF)	190	CFU/100mL
Conductivity Field	180	umhos
Turbidity - Field	2.3	NTU
Total Suspended Solids	4	mg/L
Temperature Field	13.1	°C
Total Hardness	59	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.07	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	46	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	9.9	mg/L
pH	6.9	SU
Conductivity	167	umhos

WQC Laboratory Report

REPORT TO

Sample Number: AI09650

Sample Collection Date & Time: 02/11/2021 10:45

Sample Point : Barbershela @ Woodway Dr

Analyte Name	Result	Units
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Hardness	30	mg/L
pH	6.8	SU
Fecal Coliform (MF)	170	CFU/100mL
Total Suspended Solids	6	mg/L
Turbidity - Field	6.9	NTU
Turbidity	4	NTU
Conductivity Field	88	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.03	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	27	mg/L
pH Field	7.3	SU
Dissolved Oxygen Electrode Field	9.5	mg/L
Temperature Field	13.0	°C
Conductivity	86	umhos
Chlorine, Total by Color Wheel	<0.10	mg/L

WQC Laboratory Report

REPORT TO	Sample Number: AI09672 Sample Collection Date & Time: 02/12/2021 09:55 Sample Point : Fecal monitoring site at 3850 Memorial Dr. Avondale Estates	
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Analyte Name	Result	Units
Temperature Field	12.0	°C
Dissolved Oxygen Electrode Field	9.4	mg/L
Fecal Coliform (MF)	370	CFU/100mL
Conductivity Field	83.5	umhos
pH Field	6.5	SU

WQC Laboratory Report

REPORT TO	Sample Number: AI09673 Sample Collection Date & Time: 02/12/2021 10:06 Sample Point : Fecal monitoring site at 1504 Oldfield Rd	
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Analyte Name	Result	Units
Temperature Field	11.5	°C
pH Field	7.1	SU
Conductivity Field	106.4	umhos
Fecal Coliform (MF)	260	CFU/100mL
Dissolved Oxygen Electrode Field	9.8	mg/L