

WQC Laboratory Report

REPORT TO

Sample Number: AI10162

Sample Collection Date & Time: 03/08/2021 08:12

Sample Point : South River Above Snapfinger

Analyte Name	Result	Units
Chlorine, Total by Color Wheel Field	0.00	mg/L
Temperature Field	8.8	°C
Phosphorus (Ortho)	0.01	mg/L
Fecal Coliform (MF)	310	CFU/100mL
Conductivity Field	146	umhos
Total Suspended Solids	6	mg/L
pH	6.8	SU
Total Hardness	40.5	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	4	NTU
pH Field	7.3	SU
Turbidity - Field	5.5	NTU
Dissolved Oxygen Electrode Field	10.4	mg/L
Conductivity	139	umhos
Alkalinity	46	mg/L
Biochemical Oxygen Demand	<2	mg/L
Ammonia	< 0.10	mg/L
Nitrite as N	< 0.20	mg/L
Nitrate as N	1.11	mg/L
Nitrate - Nitrite	1.11	mg/L
Phosphorus (Total)	0.02	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10163

Sample Collection Date & Time: 03/08/2021 11:38

Sample Point : South River Below Snapfinger

Analyte Name	Result	Units
Fecal Coliform (MF)	280	CFU/100mL
Total Hardness	72.4	mg/L
pH	7.0	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)	0.02	mg/L
Conductivity Field	238	umhos
Biochemical Oxygen Demand	2	mg/L
Turbidity	3	NTU
Turbidity - Field	5.1	NTU
Dissolved Oxygen Electrode Field	10.0	mg/L
Nitrate - Nitrite	2.01	mg/L
Nitrate as N	2.01	mg/L
Nitrite as N	< 0.20	mg/L
Phosphorus (Total)	0.04	mg/L
Alkalinity	48	mg/L
pH Field	7.5	SU
Conductivity	222	umhos
Ammonia	< 0.10	mg/L
Temperature Field	12.2	°C

WQC Laboratory Report

REPORT TO

Sample Number: AI10164

Sample Collection Date & Time: 03/08/2021 09:54

Sample Point : South River Above LAS

Analyte Name	Result	Units
pH	7.1	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	40.5	mg/L
Alkalinity	42	mg/L
Total Suspended Solids	1	mg/L
Turbidity - Field	4.3	NTU
Conductivity Field	225	umhos
Phosphorus (Ortho)	0.02	mg/L
Ammonia	< 0.10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Fecal Coliform (MF)	520	CFU/100mL
Dissolved Oxygen Electrode Field	10.6	mg/L
Nitrate - Nitrite	3.09	mg/L
Nitrate as N	3.09	mg/L
Nitrite as N	< 0.20	mg/L
Conductivity	215	umhos
Phosphorus (Total)	0.03	mg/L
Biochemical Oxygen Demand	2	mg/L
pH Field	7.2	SU
Turbidity	3	NTU
Temperature Field	10.3	°C

WQC Laboratory Report

REPORT TO

Sample Number: AI10165

Sample Collection Date & Time: 03/08/2021 10:13

Sample Point : South River Below LAS

Analyte Name	Result	Units
Chlorine, Total by Color Wheel Field	0.00	mg/L
Alkalinity	45	mg/L
Total Hardness	50.2	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Suspended Solids	8	mg/L
Turbidity - Field	5.4	NTU
Fecal Coliform (MF)	140	CFU/100mL
Turbidity	4	NTU
Phosphorus (Ortho)	0.02	mg/L
Conductivity Field	228	umhos
pH Field	7.5	SU
pH	7.0	SU
Nitrate - Nitrite	5.19	mg/L
Dissolved Oxygen Electrode Field	10.1	mg/L
Biochemical Oxygen Demand	2	mg/L
Phosphorus (Total)	0.04	mg/L
Ammonia	< 0.10	mg/L
Conductivity	219	umhos
Nitrite as N	< 0.20	mg/L
Nitrate as N	5.19	mg/L
Temperature Field	10.9	°C

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REPORT TO

Sample Number: AI10166

Sample Collection Date & Time: 03/08/2021 10:45

Sample Point : South River Below Pole Bridge

Analyte Name	Result	Units
Nitrate as N	4.53	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Hardness	67.7	mg/L
pH	7.0	SU
Alkalinity	43	mg/L
Total Suspended Solids	5	mg/L
Turbidity - Field	6.5	NTU
Conductivity Field	236	umhos
Phosphorus (Ortho)	0.02	mg/L
Fecal Coliform (MF)	290	CFU/100mL
Temperature Field	11.1	°C
Turbidity	4	NTU
Dissolved Oxygen Electrode Field	10.4	mg/L
pH Field	7.5	SU
Biochemical Oxygen Demand	2	mg/L
Phosphorus (Total)	0.04	mg/L
Ammonia	< 0.10	mg/L
Conductivity	227	umhos
Nitrite as N	< 0.20	mg/L
Nitrate - Nitrite	4.53	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10167

Sample Collection Date & Time: 03/08/2021 11:02

Sample Point : Pole Bridge Creek Abv LAS #10

Analyte Name	Result	Units
Nitrate - Nitrite	0.34	mg/L
Alkalinity	30	mg/L
Fecal Coliform (MF)	170	CFU/100mL
Conductivity Field	84	umhos
Turbidity - Field	6.9	NTU
Total Suspended Solids	3	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
pH	6.8	SU
Total Hardness	28.1	mg/L
Phosphorus (Ortho)	0.01	mg/L
pH Field	7.5	SU
Temperature Field	10.1	°C
Chlorine, Total by Color Wheel Field	0.00	mg/L
Dissolved Oxygen Electrode Field	10.6	mg/L
Turbidity	4	NTU
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.02	mg/L
Ammonia	< 0.10	mg/L
Conductivity	80	umhos
Nitrite as N	< 0.20	mg/L
Nitrate as N	0.34	mg/L

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REPORT TO

Sample Number: AI10168

Sample Collection Date & Time: 03/08/2021 10:32

Sample Point : Pole Bridge Creek Below LAS

Analyte Name	Result	Units
Alkalinity	30	mg/L
Conductivity Field	84	umhos
Turbidity - Field	5.9	NTU
Turbidity	4	NTU
Chlorine, Total by Color Wheel	<0.10	mg/L
Phosphorus (Ortho)	0.01	mg/L
pH	6.7	SU
Total Hardness	27.9	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Fecal Coliform (MF)	160	CFU/100mL
Temperature Field	9.5	°C
Nitrate as N	0.44	mg/L
Nitrite as N	< 0.20	mg/L
Conductivity	81	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
pH Field	7.5	SU
Dissolved Oxygen Electrode Field	10.5	mg/L
Nitrate - Nitrite	0.44	mg/L
Total Suspended Solids	4	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10169

Sample Collection Date & Time: 03/08/2021 09:05

Sample Point : South River at Moreland Ave

Analyte Name	Result	Units
Ammonia	< 0.10	mg/L
Total Hardness	54.8	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Dissolved Oxygen Electrode Field	10.4	mg/L
Conductivity Field	185	umhos
Turbidity - Field	4.7	NTU
Total Suspended Solids	3	mg/L
Phosphorus (Ortho)	0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
Fecal Coliform (MF)	4000	CFU/100mL
Conductivity	178	umhos
Phosphorus (Total)	0.02	mg/L
Nitrate - Nitrite	1.18	mg/L
Nitrate as N	1.18	mg/L
Nitrite as N	< 0.20	mg/L
pH	7.0	SU
pH Field	7.5	SU
Temperature Field	8.3	°C
Turbidity	4	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Alkalinity	50	mg/L

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REPORT TO

Sample Number: AI10170

Sample Collection Date & Time: 03/08/2021 08:35

Sample Point : South River at Bouldercrest Rd

Analyte Name	Result	Units
Dissolved Oxygen Electrode Field	10.6	mg/L
pH Field	7.5	SU
Total Hardness	36.8	mg/L
Temperature Field	8.0	°C
Chlorine, Total by Color Wheel Field	0.00	mg/L
Nitrate - Nitrite	1.11	mg/L
Turbidity - Field	5.3	NTU
Biochemical Oxygen Demand	2	mg/L
Total Suspended Solids	4	mg/L
Nitrate as N	1.11	mg/L
Nitrite as N	< 0.20	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.02	mg/L
Conductivity	185	umhos
Alkalinity	56	mg/L
pH	7.1	SU
Phosphorus (Ortho)	0.02	mg/L
Turbidity	4	NTU
Conductivity Field	193	umhos
Fecal Coliform (MF)	1100	CFU/100mL

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REPORT TO

Sample Number: AI10171

Sample Collection Date & Time: 03/08/2021 11:12

Sample Point : South River at Klondike Rd

Analyte Name	Result	Units
Chlorine, Total by Color Wheel	<0.10	mg/L
Phosphorus (Ortho)	0.02	mg/L
Fecal Coliform (MF)	100	CFU/100mL
Conductivity Field	216	umhos
Dissolved Oxygen Electrode Field	9.6	mg/L
Turbidity - Field	6.1	NTU
Biochemical Oxygen Demand	2	mg/L
Total Hardness	55.3	mg/L
Ammonia	< 0.10	mg/L
Total Suspended Solids	3	mg/L
Turbidity	4	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Conductivity	208	umhos
Alkalinity	43	mg/L
Temperature Field	12.4	°C
pH Field	7.5	SU
pH	7.1	SU
Nitrite as N	< 0.20	mg/L
Nitrate as N	4.06	mg/L
Nitrate - Nitrite	4.06	mg/L
Phosphorus (Total)	0.03	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10172

Sample Collection Date & Time: 03/08/2021 08:48

Sample Point : Entrenchment Creek: Const. Rd.

Analyte Name	Result	Units
Turbidity	3	NTU
Dissolved Oxygen Electrode Field	9.9	mg/L
Total Hardness	50.5	mg/L
Fecal Coliform (MF)	120	CFU/100mL
Conductivity Field	217	umhos
Turbidity - Field	4.1	NTU
Total Suspended Solids	7	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
pH	6.9	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Phosphorus (Ortho)	0.02	mg/L
pH Field	7.3	SU
Nitrate - Nitrite	1.82	mg/L
Nitrate as N	1.82	mg/L
Nitrite as N	< 0.20	mg/L
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	2	mg/L
Conductivity	208	umhos
Alkalinity	56	mg/L
Temperature Field	8.1	°C

WQC Laboratory Report

REPORT TO

Sample Number: AI10194

Sample Collection Date & Time: 03/09/2021 09:05

Sample Point : Swift Creek

Analyte Name	Result	Units
Total Hardness	17.4	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
pH	6.3	SU
Fecal Coliform (MF)	60	CFU/100mL
Total Suspended Solids	10	mg/L
Turbidity	12	NTU
Dissolved Oxygen Electrode Field	9.7	mg/L
Ammonia	<0.10	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
pH Field	7.1	SU
Alkalinity	24	mg/L
Temperature Field	8.9	°C
Conductivity	85.8	umhos

WQC Laboratory Report

REPORT TO

Sample Number: AI10195

Sample Collection Date & Time: 03/09/2021 09:22

Sample Point : Stone Mountain Ck Rock Chapel

Analyte Name	Result	Units
Fecal Coliform (MF)	20	CFU/100mL
Total Suspended Solids	<1	mg/L
pH	6.4	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	25.6	mg/L
Turbidity	3	NTU
Conductivity	69.8	umhos
Phosphorus (Total)	0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	20	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	10.2	mg/L
Temperature Field	10.9	°C
Ammonia	<0.10	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10196

Sample Collection Date & Time: 03/09/2021 10:30

Sample Point : Stone Mountain Ck Lilburn Road

Analyte Name	Result	Units
Phosphorus (Total)	0.01	mg/L
Total Suspended Solids	<1	mg/L
Fecal Coliform (MF)	210	CFU/100mL
pH	6.7	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	28.8	mg/L
Turbidity	5	NTU
Temperature Field	10.2	°C
Ammonia	<0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	42	mg/L
pH Field	7.5	SU
Dissolved Oxygen Electrode Field	10.3	mg/L
Conductivity	116.4	umhos

WQC Laboratory Report

REPORT TO

Sample Number: AI10197

Sample Collection Date & Time: 03/09/2021 09:30

Sample Point : Yellow River Rock Chapel Rd

Analyte Name	Result	Units
Conductivity	159.3	umhos
Fecal Coliform (MF)	90	CFU/100mL
pH	7.4	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Suspended Solids	<1	mg/L
Turbidity	5	NTU
Phosphorus (Total)	0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	45	mg/L
pH Field	7.6	SU
Dissolved Oxygen Electrode Field	10.6	mg/L
Temperature Field	10.5	°C
Ammonia	<0.10	mg/L
Total Hardness	40.8	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10198

Sample Collection Date & Time: 03/09/2021 09:45

Sample Point : Yellow River Pleasant Hill Rd

Analyte Name	Result	Units
Ammonia	<0.10	mg/L
Total Suspended Solids	3	mg/L
Fecal Coliform (MF)	60	CFU/100mL
pH	7.2	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	43.8	mg/L
Conductivity	125.3	umhos
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	39	mg/L
pH Field	7.7	SU
Dissolved Oxygen Electrode Field	10.5	mg/L
Temperature Field	10.9	°C
Turbidity	8	NTU

WQC Laboratory Report

REPORT TO

Sample Number: AI10199

Sample Collection Date & Time: 03/09/2021 10:16

Sample Point : Little Stone Mountain Creek

Analyte Name	Result	Units
pH Field	7.4	SU
Turbidity	4	NTU
Total Suspended Solids	11	mg/L
pH	6.9	SU
Conductivity Field	128	umhos
Fecal Coliform (MF)	20	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	28.8	mg/L
Ammonia	<0.10	mg/L
Phosphorus (Total)	0.01	mg/L
Alkalinity	44	mg/L
Dissolved Oxygen Electrode Field	11.1	mg/L
Temperature Field	9.8	°C
Biochemical Oxygen Demand	<2	mg/L
Conductivity	122.2	umhos

WQC Laboratory Report

REPORT TO	Sample Number: AI10200 Sample Collection Date & Time: 03/09/2021 08:48 Sample Point : Fecal monitoring site at Bruce St. Lithonia

Analyte Name	Result	Units
Conductivity Field	115	umhos
Turbidity - Field	3.5	NTU
Fecal Coliform (MF)	60	CFU/100mL
pH Field	6.8	SU
Temperature Field	9.8	°C
Dissolved Oxygen Electrode Field	10.4	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10223

Sample Collection Date & Time: 03/10/2021 10:00

Sample Point : Ball Mill Creek: Dunwoody Club

Analyte Name	Result	Units
Alkalinity	36	mg/L
Fecal Coliform (MF)	90	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	3	NTU
Total Hardness	37.8	mg/L
Total Suspended Solids	5	mg/L
Conductivity	113	umhos
Biochemical Oxygen Demand	<2	mg/L
pH Field	7.5	SU
pH	6.3	SU
Dissolved Oxygen Electrode Field	10.0	mg/L
Temperature Field	10.7	°C
Phosphorus (Total)	0.02	mg/L
Ammonia	<0.10	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI10224

Sample Collection Date & Time: 03/10/2021 09:40

Sample Point : Bubbling Creek: Harts Mill Rd

Analyte Name	Result	Units
Phosphorus (Total)	0.01	mg/L
Total Suspended Solids	8	mg/L
Fecal Coliform (MF)	50	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	2	NTU
Total Hardness	49.1	mg/L
Ammonia	<0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	38	mg/L
pH Field	7.5	SU
pH	6.8	SU
Dissolved Oxygen Electrode Field	11.2	mg/L
Temperature Field	10.0	°C
Conductivity	143	umhos

WQC Laboratory Report

REPORT TO

Sample Number: AI10225

Sample Collection Date & Time: 03/10/2021 09:15

Sample Point : Burnt Fork Creek: N D Hill Rd.

Analyte Name	Result	Units
Dissolved Oxygen Electrode Field	10.1	mg/L
Conductivity	114	umhos
Fecal Coliform (MF)	33000	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Suspended Solids	20	mg/L
Turbidity	9	NTU
Total Hardness	39.7	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	2	mg/L
Alkalinity	33	mg/L
pH	6.5	SU
Temperature Field	10.2	°C
Ammonia	<0.10	mg/L
pH Field	7.2	SU

WQC Laboratory Report

REPORT TO	<p>Sample Number: AI10258</p> <p>Sample Collection Date & Time: 03/11/2021 09:20</p> <p>Sample Point : Fecal monitoring site at Dekalb Memorial Park (Wilkinson Dr)</p>
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Analyte Name	Result	Units
pH Field	7.3	SU
Turbidity - Field	5.3	NTU
Dissolved Oxygen Electrode Field	10.3	mg/L
Conductivity Field	217	umhos
Temperature Field	12.4	°C
Fecal Coliform (MF)	480	CFU/100mL

WQC Laboratory Report

REPORT TO	<p>Sample Number: AI10259</p> <p>Sample Collection Date & Time: 03/11/2021 09:35</p> <p>Sample Point : Fecal monitoring site at 291 Durand Falls</p>
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Analyte Name	Result	Units
Dissolved Oxygen Electrode Field	10.0	mg/L
Temperature Field	12.3	°C
pH Field	7.7	SU
Conductivity Field	157	umhos
Fecal Coliform (MF)	210	CFU/100mL