

WQC Laboratory Report

REPORT TO

Sample Number: AI07225

Sample Collection Date & Time: 10/19/2020 08:25

Sample Point : South River Above Snapfinger

Analyte Name	Result	Units
Conductivity Field	146	umhos
Temperature Field	14.5	°C
Nitrate - Nitrite	1.12	mg/L
Nitrate as N	0.89	mg/L
Nitrite as N	0.23	mg/L
Fecal Coliform (MF)	410	CFU/100mL
Turbidity - Field	6.8	NTU
Total Suspended Solids	5	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
pH	6.1	SU
pH Field	7.2	SU
Phosphorus (Ortho)	0.02	mg/L
Dissolved Oxygen Electrode Field	13.2	mg/L
Total Hardness	53	mg/L
Alkalinity	46	mg/L
Biochemical Oxygen Demand	<2	mg/L
Ammonia	0.11	mg/L
Conductivity	123	umhos
Turbidity	4	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Phosphorus (Total)	0.03	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07226

Sample Collection Date & Time: 10/19/2020 12:50

Sample Point : South River Below LAS

Analyte Name	Result	Units
Nitrate as N	3.83	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Total Suspended Solids	9	mg/L
Turbidity - Field	9.4	NTU
Conductivity Field	241	umhos
Fecal Coliform (MF)	300	CFU/100mL
Nitrate - Nitrite	3.83	mg/L
Nitrite as N	< 0.20	mg/L
Phosphorus (Total)	0.05	mg/L
Temperature Field	17.1	°C
Phosphorus (Ortho)	0.02	mg/L
Alkalinity	50	mg/L
Ammonia	0.12	mg/L
pH	6.9	SU
Total Hardness	67	mg/L
Conductivity	209	umhos
Biochemical Oxygen Demand	<2	mg/L
Turbidity	7	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Dissolved Oxygen Electrode Field	12.6	mg/L
pH Field	7.5	SU

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REPORT TO

Sample Number: AI07227

Sample Collection Date & Time: 10/19/2020 12:58

Sample Point : South River Below Pole Bridge

Analyte Name	Result	Units
Phosphorus (Total)	0.11	mg/L
Temperature Field	17.7	°C
Nitrate as N	5.31	mg/L
Nitrite as N	< 0.20	mg/L
Phosphorus (Ortho)	0.09	mg/L
Fecal Coliform (MF)	270	CFU/100mL
Conductivity Field	263	umhos
Turbidity - Field	8.9	NTU
Total Suspended Solids	10	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Nitrate - Nitrite	5.31	mg/L
Alkalinity	41	mg/L
pH Field	7.7	SU
Dissolved Oxygen Electrode Field	12.2	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	6.8	SU
Turbidity	6	NTU
Biochemical Oxygen Demand	<2	mg/L
Conductivity	220	umhos
Ammonia	< 0.10	mg/L
Total Hardness	72	mg/L

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REPORT TO

Sample Number: AI07228

Sample Collection Date & Time: 10/19/2020 10:16

Sample Point : South River at Bouldercrest Rd

Analyte Name	Result	Units
pH	6.9	SU
Total Suspended Solids	3	mg/L
Turbidity - Field	7.4	NTU
Conductivity Field	208	umhos
Fecal Coliform (MF)	370	CFU/100mL
Phosphorus (Ortho)	0.01	mg/L
Nitrate as N	0.86	mg/L
Total Hardness	44	mg/L
Nitrate - Nitrite	0.86	mg/L
Nitrite as N	< 0.20	mg/L
pH Field	7.7	SU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Dissolved Oxygen Electrode Field	12.7	mg/L
Alkalinity	54	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.02	mg/L
Ammonia	< 0.10	mg/L
Conductivity	170	umhos
Turbidity	3	NTU
Temperature Field	14.1	°C

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REPORT TO

Sample Number: AI07229

Sample Collection Date & Time: 10/19/2020 10:28

Sample Point : Entrenchment Creek: Const. Rd.

Analyte Name	Result	Units
Temperature Field	14.1	°C
Fecal Coliform (MF)	260	CFU/100mL
Total Suspended Solids	3	mg/L
Turbidity - Field	3.9	NTU
Conductivity Field	218	umhos
Total Hardness	50	mg/L
Phosphorus (Ortho)	0.02	mg/L
Nitrite as N	< 0.20	mg/L
Nitrate as N	1.96	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Nitrate - Nitrite	1.96	mg/L
Dissolved Oxygen Electrode Field	11.6	mg/L
pH	6.6	SU
pH Field	7.5	SU
Alkalinity	55	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.03	mg/L
Ammonia	0.17	mg/L
Conductivity	186	umhos
Turbidity	3	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L

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REPORT TO

Sample Number: AI07230

Sample Collection Date & Time: 10/19/2020 01:17

Sample Point : South River at Klondike Rd

Analyte Name	Result	Units
Total Hardness	66	mg/L
Temperature Field	17.3	°C
Nitrate as N	3.66	mg/L
Nitrite as N	< 0.20	mg/L
Phosphorus (Ortho)	0.04	mg/L
Fecal Coliform (MF)	360	CFU/100mL
Conductivity Field	236	umhos
Turbidity - Field	17.6	NTU
Total Suspended Solids	4	mg/L
Nitrate - Nitrite	3.66	mg/L
Alkalinity	47	mg/L
pH Field	7.6	SU
Dissolved Oxygen Electrode Field	11.9	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Ammonia	< 0.10	mg/L
Turbidity	13	NTU
Phosphorus (Total)	0.07	mg/L
Biochemical Oxygen Demand	<2	mg/L
Conductivity	198	umhos
Chlorine, Total by Color Wheel Field	0.00	mg/L
pH	7.1	SU

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REPORT TO

Sample Number: AI07231

Sample Collection Date & Time: 10/19/2020 10:47

Sample Point : South River at Moreland Ave

Analyte Name	Result	Units
Dissolved Oxygen Electrode Field	12.3	mg/L
Nitrate - Nitrite	0.71	mg/L
Conductivity Field	194	umhos
Turbidity - Field	6.1	NTU
Fecal Coliform (MF)	380	CFU/100mL
Tape down distance	n/a	Feet
Phosphorus (Ortho)	0.01	mg/L
Nitrate as N	0.71	mg/L
Alkalinity	53	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Nitrite as N	< 0.20	mg/L
Turbidity	2	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Ammonia	< 0.10	mg/L
Conductivity	165	umhos
Temperature Field	14.4	°C
pH Field	7.7	SU
pH	6.8	SU
Phosphorus (Total)	0.02	mg/L
Total Suspended Solids	20	mg/L
Total Hardness	70	mg/L
Biochemical Oxygen Demand	<2	mg/L

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REPORT TO

Sample Number: AI07268

Sample Collection Date & Time: 10/20/2020 09:57

Sample Point : Shoal Creek Rainbow Drive

Analyte Name	Result	Units
Phosphorus (Total)	0.01	mg/L
Fecal Coliform (MF)	240	CFU/100mL
Tape down distance	n/a	Feet
pH	6.8	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Hardness	32.8	mg/L
Turbidity	2	NTU
Total Suspended Solids	2	mg/L
Ammonia	<0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	33	mg/L
pH Field	7.6	SU
Dissolved Oxygen Electrode Field	12.3	mg/L
Temperature Field	14.7	°C
Conductivity	104	umhos

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REPORT TO

Sample Number: AI07269

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

Sample Point : Snapfinger Creek at Hwy 12

Analyte Name	Result	Units
Conductivity	103	umhos
Temperature Field	15.3	°C
Dissolved Oxygen Electrode Field	12.8	mg/L
pH Field	7.6	SU
Alkalinity	34	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.02	mg/L
Turbidity	7	NTU
Total Hardness	32.6	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	6.8	SU
Tape down distance	n/a	Feet
Fecal Coliform (MF)	1700	CFU/100mL
Total Suspended Solids	4	mg/L
Ammonia	0.10	mg/L

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REPORT TO

Sample Number: AI07270

Sample Collection Date & Time: 10/20/2020 08:40

Sample Point : Snapfinger Creek Dogwood Farms

Analyte Name	Result	Units
Phosphorus (Total)	0.01	mg/L
Fecal Coliform (MF)	190	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	5	NTU
Total Hardness	31.2	mg/L
Ammonia	<0.10	mg/L
Total Suspended Solids	3	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	34	mg/L
pH Field	7.2	SU
pH	6.6	SU
Dissolved Oxygen Electrode Field	13.3	mg/L
Temperature Field	14.7	°C
Conductivity	96	umhos

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REPORT TO

Sample Number: AI07271

Sample Collection Date & Time: 10/20/2020 09:09

Sample Point : Shoal Creek Ga. Hwy 155

Analyte Name	Result	Units
Ammonia	<0.10	mg/L
Total Suspended Solids	7	mg/L
Fecal Coliform (MF)	600	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	3	NTU
Total Hardness	22.4	mg/L
Conductivity	105	umhos
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	34	mg/L
pH Field	7.3	SU
pH	6.6	SU
Temperature Field	14.6	°C
Dissolved Oxygen Electrode Field	13.7	mg/L

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REPORT TO

Sample Number: AI07272

Sample Collection Date & Time: 10/20/2020 10:53

Sample Point : Barbershela @ Woodway Dr

Analyte Name	Result	Units
Turbidity	5	NTU
Phosphorus (Total)	0.02	mg/L
Total Suspended Solids	3	mg/L
Fecal Coliform (MF)	140	CFU/100mL
pH	6.4	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Hardness	28.5	mg/L
Ammonia	<0.10	mg/L
Temperature Field	15.4	°C
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	32	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	12.7	mg/L
Conductivity	87	umhos

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REPORT TO

Sample Number: AI07287

Sample Collection Date & Time: 10/21/2020 09:56

Sample Point : Nancy Creek Chamblee Dunwoody

Analyte Name	Result	Units
Fecal Coliform (MF)	270	CFU/100mL
Total Suspended Solids	,1	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	23	NTU
Total Hardness	40	mg/L
Conductivity	130	umhos
Ammonia	< 0.10	mg/L
Biochemical Oxygen Demand	2	mg/L
Alkalinity	41	mg/L
pH Field	7.7	SU
pH	6.8	SU
Dissolved Oxygen Electrode Field	12.5	mg/L
Temperature Field	16.1	°C
Phosphorus (Total)	0.04	mg/L

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REPORT TO

Sample Number: AI07288

Sample Collection Date & Time: 10/21/2020 10:12

Sample Point : Nancy Creek Johnson Ferry

Analyte Name	Result	Units
Biochemical Oxygen Demand	<2	mg/L
Total Suspended Solids	3	mg/L
Fecal Coliform (MF)	400	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	5	NTU
Total Hardness	44	mg/L
Conductivity	127	umhos
Temperature Field	16.6	°C
Phosphorus (Total)	0.02	mg/L
Alkalinity	42	mg/L
pH Field	7.4	SU
pH	6.5	SU
Dissolved Oxygen Electrode Field	11.8	mg/L
Ammonia	< 0.10	mg/L

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REPORT TO

Sample Number: AI07289

Sample Collection Date & Time: 10/21/2020 09:33

Sample Point : N. Fork Peachtree Pleasantdale

Analyte Name	Result	Units
Conductivity	140	umhos
Total Suspended Solids	2	mg/L
Fecal Coliform (MF)	480	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	8	NTU
Ammonia	< 0.10	mg/L
Total Hardness	53	mg/L
Biochemical Oxygen Demand	2	mg/L
Alkalinity	48	mg/L
pH Field	7.5	SU
pH	6.7	SU
Dissolved Oxygen Electrode Field	10.9	mg/L
Temperature Field	16.2	°C
Phosphorus (Total)	0.04	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07290

Sample Collection Date & Time: 10/21/2020 10:33

Sample Point : N. Fork Peachtree Plaster Road

Analyte Name	Result	Units
Fecal Coliform (MF)	200	CFU/100mL
Total Suspended Solids	1	mg/L
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	4	NTU
Total Hardness	80	mg/L
Conductivity	217	umhos
Ammonia	0.22	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	73	mg/L
pH Field	7.6	SU
pH	6.9	SU
Dissolved Oxygen Electrode Field	10.9	mg/L
Temperature Field	16.9	°C
Phosphorus (Total)	0.02	mg/L

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REPORT TO

Sample Number: AI07291

Sample Collection Date & Time: 10/21/2020 10:48

Sample Point : N. Fork Peachtree Creek HWY23

Analyte Name	Result	Units
Biochemical Oxygen Demand	<2	mg/L
Total Suspended Solids	3	mg/L
Fecal Coliform (MF)	530	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	5	NTU
Total Hardness	40	mg/L
Conductivity	132	umhos
Temperature Field	17.1	°C
Phosphorus (Total)	0.02	mg/L
Alkalinity	37	mg/L
pH Field	7.8	SU
pH	7.0	SU
Dissolved Oxygen Electrode Field	11.2	mg/L
Ammonia	< 0.10	mg/L

WQC Laboratory Report

REPORT TO

Sample Number: AI07292

Sample Collection Date & Time: 10/21/2020 11:24

Sample Point : S Fork Peachtree Creek Johnson

Analyte Name	Result	Units
Ammonia	< 0.10	mg/L
Fecal Coliform (MF)	370	CFU/100mL
Chlorine, Total by Color Wheel	<0.10	mg/L
Turbidity	5	NTU
Total Suspended Solids	1	mg/L
Conductivity	137	umhos
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	39	mg/L
pH Field	7.6	SU
pH	7.2	SU
Dissolved Oxygen Electrode Field	11.7	mg/L
Temperature Field	17.3	°C
Phosphorus (Total)	0.03	mg/L
Total Hardness	47	mg/L

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REPORT TO	<p>Sample Number: AI07293</p> <p>Sample Collection Date & Time: 10/21/2020 09:10</p> <p>Sample Point : S. Fork Peachtree Ck: Casa Dr</p>
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Analyte Name	Result	Units
Alkalinity	33	mg/L
Total Suspended Solids	<1	mg/L
Fecal Coliform (MF)	290	CFU/100mL
pH	7.0	SU
Chlorine, Total by Color Wheel	<0.10	mg/L
Total Hardness	35	mg/L
Turbidity	5	NTU
Conductivity	98	umhos
Ammonia	< 0.10	mg/L
Biochemical Oxygen Demand	2	mg/L
pH Field	7.3	SU
Dissolved Oxygen Electrode Field	10.8	mg/L
Temperature Field	16.2	°C
Phosphorus (Total)	0.02	mg/L

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REPORT TO	Sample Number: AI07329 Sample Collection Date & Time: 10/23/2020 09:45 Sample Point : Stephenson Creek at N. Goddard Rd

Analyte Name	Result	Units
Temperature Field	18.7	°C
Fecal Coliform (MF)	330	CFU/100mL
Turbidity - Field	1.8	NTU
pH Field	6.2	SU
Dissolved Oxygen Electrode Field	7.4	mg/L
Conductivity Field	61.6	umhos

WQC Laboratory Report

REPORT TO	Sample Number: AI07330 Sample Collection Date & Time: 10/23/2020 10:15 Sample Point : Fecal monitoring site on Hayden Quarry Rd	
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Analyte Name	Result	Units
Temperature Field	19.2	°C
pH Field	6.9	SU
Conductivity Field	93.4	umhos
Fecal Coliform (MF)	480	CFU/100mL
Dissolved Oxygen Electrode Field	6.2	mg/L
Turbidity - Field	7.5	NTU

WQC Laboratory Report

REPORT TO	<p>Sample Number: AI07331</p> <p>Sample Collection Date & Time: 10/23/2020 10:00</p> <p>Sample Point : Fecal monitoring site at Aztec Rd. Doraville</p>
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Analyte Name	Result	Units
Temperature Field	17.4	°C
Turbidity - Field	2.0	NTU
Dissolved Oxygen Electrode Field	10.2	mg/L
Fecal Coliform (MF)	500	CFU/100mL
pH Field	7.2	SU
Conductivity Field	162	umhos

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REPORT TO	<p>Sample Number: AI07332</p> <p>Sample Collection Date & Time: 10/23/2020 09:28</p> <p>Sample Point : Fecal monitoring site at Antebellum Dr.</p>
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Analyte Name	Result	Units
Turbidity - Field	1.6	NTU
Temperature Field	16.7	°C
pH Field	7.3	SU
Conductivity Field	102	umhos
Fecal Coliform (MF)	280	CFU/100mL
Dissolved Oxygen Electrode Field	12.9	mg/L