DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08437

Sample Collection Date & Time: 12/14/2020 10:10

Sample Point : South River Above Snapfinger

Analyte Name	Result	Units
Total Suspended Solids	75	mg/L
Temperature Field	12.9	°C
Phosphorus (Ortho)	0.05	mg/L
Fecal Coliform (MF)	4000	CFU/100mL
Turbidity - Field	17.3	NTU
pH	6.6	SU
Total Hardness	36.7	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH Field	7.2	SU
Conductivity Field	140.7	umhos
Dissolved Oxygen Electrode Field	9.3	mg/L
Turbidity	142	NTU
Alkalinity	33	mg/L
Biochemical Oxygen Demand	3	mg/L
Phosphorus (Total)	0.17	mg/L
Ammonia	0.10	mg/L
Conductivity	110	umhos

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08438
Sample Collection Date & Time: 12/14/2020 09:55
Sample Point : South River Below Snapfinger

Analyte Name	Result	Units
Total Hardness	37.4	mg/L
Alkalinity	36	mg/L
Fecal Coliform (MF)	2500	CFU/100mL
Conductivity Field	137.9	umhos
Turbidity - Field	15.1	NTU
Total Suspended Solids	67	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	6.7	SU
Phosphorus (Ortho)	0.03	mg/L
Dissolved Oxygen Electrode Field	9.2	mg/L
Phosphorus (Total)	0.16	mg/L
Temperature Field	13.7	°C
Turbidity	79	NTU
pH Field	6.2	SU
Biochemical Oxygen Demand	2	mg/L
Ammonia	< 0.10	mg/L
Conductivity	111	umhos

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08439
Sample Collection Date & Time: 12/14/2020 09:45
Sample Point : South River Above LAS

Analyte Name	Result	Units
Total Suspended Solids	7	mg/L
pH	7.3	SU
Fecal Coliform (MF)	410	CFU/100mL
Turbidity - Field	5.8	NTU
Alkalinity	47	mg/L
Total Hardness	69.5	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Phosphorus (Ortho)	0.04	mg/L
Biochemical Oxygen Demand	<2	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
pH Field	7.2	SU
Conductivity Field	243	umhos
Phosphorus (Total)	0.05	mg/L
Dissolved Oxygen Electrode Field	9.7	mg/L
Ammonia	0.33	mg/L
Conductivity	233	umhos
Turbidity	8	NTU
Temperature Field	14.4	°C

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08440
Sample Collection Date & Time: 12/14/2020 10:05
Sample Point : South River Below LAS

Analyte Name	Result	Units
Fecal Coliform (MF)	500	CFU/100mL
pH	7.1	SU
Conductivity Field	243	umhos
Turbidity - Field	10.6	NTU
Total Suspended Solids	7	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Hardness	72.1	mg/L
Alkalinity	46	mg/L
Phosphorus (Ortho)	0.04	mg/L
Temperature Field	14.1	°C
Turbidity	16	NTU
Conductivity	230	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.07	mg/L
Biochemical Oxygen Demand	<2	mg/L
pH Field	7.2	SU
Dissolved Oxygen Electrode Field	9.1	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08441

Sample Collection Date & Time: 12/14/2020 10:40

Sample Point : South River Below Pole Bridge

Analyte Name	Result	Units
Temperature Field	14.4	°C
Chlorine, Total by Color Wheel	< 0.10	mg/L
Alkalinity	47	mg/L
Total Suspended Solids	10	mg/L
Turbidity - Field	8.3	NTU
Conductivity Field	251	umhos
Phosphorus (Ortho)	0.04	mg/L
Chlorine, Total by Color Wheel Field	0.00	mg/L
Fecal Coliform (MF)	460	CFU/100mL
Turbidity	5	NTU
Conductivity	239	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.07	mg/L
Biochemical Oxygen Demand	2	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	9.3	mg/L
Total Hardness	72.0	mg/L
pH	7.1	SU

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08442

Sample Collection Date & Time: 12/14/2020 11:00

Sample Point : Pole Bridge Creek Abv LAS #10

Analyte Name	Result	Units
Total Hardness	25.4	mg/L
pH	6.7	SU
Phosphorus (Total)	0.04	mg/L
Chlorine, Total by Color Wheel	, 0.10	mg/L
Total Suspended Solids	27	mg/L
Turbidity - Field	18.1	NTU
Conductivity Field	77	umhos
Phosphorus (Ortho)	0.02	mg/L
Fecal Coliform (MF)	1700	CFU/100mL
Temperature Field	13.4	°C
Alkalinity	30	mg/L
Dissolved Oxygen Electrode Field	9.3	mg/L
pH Field	7.1	SU
Biochemical Oxygen Demand	<2	mg/L
Conductivity	75	umhos
Ammonia	< 0.10	mg/L
Turbidity	10	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08443

Sample Collection Date & Time: 12/14/2020 10:25

Sample Point : Pole Bridge Creek Below LAS

Analyte Name	Result	Units
Fecal Coliform (MF)	800	CFU/100mL
Total Hardness	28.3	mg/L
Conductivity Field	81	umhos
Turbidity - Field	13.6	NTU
Total Suspended Solids	9	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Alkalinity	30	mg/L
pH	6.7	SU
Phosphorus (Ortho)	0.03	mg/L
Temperature Field	13.3	°C
Chlorine, Total by Color Wheel Field	0.00	mg/L
Dissolved Oxygen Electrode Field	9.0	mg/L
pH Field	7.1	SU
Biochemical Oxygen Demand	<	mg/L
Phosphorus (Total)	0.04	mg/L
Ammonia	< 0.10	mg/L
Conductivity	78	umhos
Turbidity	14	NTU

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08444

Sample Collection Date & Time: 12/14/2020 11:00

Sample Point : South River at Moreland Ave

Analyte Name	Result	Units
Total Suspended Solids	23	mg/L
Turbidity - Field	52.6	NTU
Conductivity Field	125.9	umhos
Dissolved Oxygen Electrode Field	8.9	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Biochemical Oxygen Demand	5	mg/L
Conductivity	110	umhos
Fecal Coliform (MF)	38000	CFU/100mL
Phosphorus (Ortho)	0.06	mg/L
Alkalinity	29	mg/L
Phosphorus (Total)	0.12	mg/L
pH	6.7	SU
pH Field	8.4	SU
Temperature Field	13.7	°C
Turbidity	33	NTU
Ammonia	< 0.10	mg/L
Total Hardness	37.4	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08445

Sample Collection Date & Time: 12/14/2020 10:35

Sample Point : South River at Bouldercrest Rd

Analyte Name	Result	Units
Total Hardness	43.9	mg/L
Temperature Field	13.1	°C
Total Suspended Solids	40	mg/L
Turbidity - Field	17.1	NTU
Conductivity Field	160.5	umhos
Phosphorus (Ortho)	0.09	mg/L
pH Field	7.5	SU
Fecal Coliform (MF)	16000	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Ammonia	< 0.10	mg/L
Turbidity	56	NTU
Phosphorus (Total)	0.14	mg/L
Biochemical Oxygen Demand	5	mg/L
Conductivity	124	umhos
pH	6.8	SU
Alkalinity	34	mg/L
Dissolved Oxygen Electrode Field	8.9	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08446

Sample Collection Date & Time: 12/14/2020 11:20

Sample Point : South River at Klondike Rd

Analyte Name	Result	Units
Phosphorus (Ortho)	0.03	mg/L
Total Hardness	52.8	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity - Field	8.2	NTU
Chlorine, Total by Color Wheel Field	0.00	mg/L
Dissolved Oxygen Electrode Field	9.4	mg/L
Fecal Coliform (MF)	400	CFU/100mL
Ammonia	< 0.10	mg/L
Conductivity Field	224	umhos
Alkalinity	46	mg/L
Phosphorus (Total)	0.06	mg/L
pH	7.2	SU
pH Field	7.5	SU
Temperature Field	13.6	°C
Turbidity	10	NTU
Conductivity	212	umhos
Total Suspended Solids	8	mg/L
Biochemical Oxygen Demand	<2	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08447

Sample Collection Date & Time: 12/14/2020 11:20

Sample Point : Entrenchment Creek: Const. Rd.

Analyte Name	Result	Units
Total Suspended Solids	19	mg/L
Turbidity	40	NTU
Conductivity	96	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.18	mg/L
Biochemical Oxygen Demand	5	mg/L
Alkalinity	31	mg/L
pH Field	8.1	SU
Temperature Field	13.4	°C
Dissolved Oxygen Electrode Field	8.7	mg/L
pH	7.0	SU
Turbidity - Field	56.6	NTU
Conductivity Field	125.6	umhos
Fecal Coliform (MF)	44000	CFU/100mL
Total Hardness	32.5	mg/L
Phosphorus (Ortho)	0.10	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08458
Sample Collection Date & Time: 12/15/2020 11:10
Sample Point : Swift Creek

Analyte Name	Result	Units
Conductivity	65	umhos
Turbidity - Field	9.1	NTU
Conductivity Field	69.1	umhos
Fecal Coliform (MF)	130	CFU/100mL
pH	6.4	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	8	NTU
Dissolved Oxygen Electrode Field	10.5	mg/L
Total Hardness	16.6	mg/L
Temperature Field	8.1	°C
Total Suspended Solids	2	mg/L
pH Field	8.1	SU
Alkalinity	23	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	<0.01	mg/L
Ammonia	0.20	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08459

Sample Collection Date & Time: 12/15/2020 11:25

Sample Point : Stone Mountain Ck Rock Chapel

Analyte Name	Result	Units
Turbidity	3	NTU
Turbidity - Field	4.4	NTU
Conductivity Field	66.7	umhos
Fecal Coliform (MF)	80	CFU/100mL
pH	6.8	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Hardness	26.9	mg/L
Total Suspended Solids	5	mg/L
Temperature Field	8.9	°C
Ammonia	0.21	mg/L
Phosphorus (Total)	0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	25	mg/L
pH Field	7.9	SU
Conductivity	64	umhos
Dissolved Oxygen Electrode Field	10.8	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08460
Sample Collection Date & Time: 12/15/2020 12:00
Sample Point : Stone Mountain Ck Lilburn Road

Analyte Name	Result	Units
Conductivity	116	umhos
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	6.7	SU
Fecal Coliform (MF)	190	CFU/100mL
Conductivity Field	127.8	umhos
Total Suspended Solids	2	mg/L
Turbidity	3	NTU
Turbidity - Field	3.4	NTU
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.01	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	39	mg/L
pH Field	8.1	SU
Dissolved Oxygen Electrode Field	11.0	mg/L
Temperature Field	8.6	°C
Total Hardness	26.8	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08461

Sample Collection Date & Time: 12/15/2020 11:40

Sample Point : Yellow River Rock Chapel Rd

Analyte Name	Result	Units
Conductivity	112	umhos
Turbidity - Field	14.3	NTU
Conductivity Field	118.4	umhos
Fecal Coliform (MF)	1100	CFU/100mL
pH	7.1	SU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	12	NTU
Dissolved Oxygen Electrode Field	10.7	mg/L
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	36	mg/L
pH Field	8.0	SU
Total Suspended Solids	9	mg/L
Total Hardness	35.1	mg/L
Temperature Field	10.3	°C

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08462
Sample Collection Date & Time: 12/15/2020 10:50
Sample Point : Yellow River Pleasant Hill Rd

Analyte Name	Result	Units
Total Hardness	34.8	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
pH	7.1	SU
Fecal Coliform (MF)	800	CFU/100mL
Conductivity Field	119.4	umhos
Total Suspended Solids	12	mg/L
Turbidity	9	NTU
Turbidity - Field	17.1	NTU
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.02	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	37	mg/L
pH Field	8.5	SU
Temperature Field	9.5	°C
Conductivity	111	umhos
Dissolved Oxygen Electrode Field	11.0	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08463
Sample Collection Date & Time: 12/15/2020 12:10
Sample Point : Little Stone Mountain Creek

Analyte Name	Result	Units
Phosphorus (Total)	<0.01	mg/L
Total Hardness	26.8	mg/L
Total Suspended Solids	7	mg/L
Chlorine, Total by Color Wheel	< 0.10	mg/L
Fecal Coliform (MF)	140	CFU/100mL
Conductivity Field	114.5	umhos
pH	6.8	SU
Turbidity - Field	6.1	NTU
Ammonia	< 0.10	mg/L
Biochemical Oxygen Demand	<2	mg/L
Alkalinity	40	mg/L
pH Field	7.4	SU
Dissolved Oxygen Electrode Field	10.6	mg/L
Temperature Field	9.1	°C
Conductivity	116	umhos
Turbidity	3	NTU

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08470

Sample Collection Date & Time: 12/15/2020 10:30

Sample Point : Fecal monitoring site at Bruce St. Lithonia

Analyte Name	Result	Units
Conductivity Field	123.2	umhos
Turbidity	4.1	NTU
Turbidity - Field	4.1	NTU
Fecal Coliform (MF)	120	CFU/100mL
pH Field	8.5	SU
Temperature Field	9.5	°C
Dissolved Oxygen Electrode Field	10.5	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08495

Sample Collection Date & Time: 12/16/2020 11:20

Sample Point : Ball Mill Creek: Dunwoody Club

Analyte Name	Result	Units
Total Hardness	33	mg/L
pH Field	7.3	SU
Total Suspended Solids	5	mg/L
Turbidity - Field	7.9	NTU
Conductivity Field	88	umhos
Fecal Coliform (MF)	2700	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	7	NTU
Dissolved Oxygen Electrode Field	10.5	mg/L
Biochemical Oxygen Demand	2	mg/L
Temperature Field	7.6	°C
Conductivity	85	umhos
pH	6.3	SU
Alkalinity	31	mg/L
Phosphorus (Total)	0.02	mg/L
Ammonia	< 0.10	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08496
Sample Collection Date & Time: 12/16/2020 10:30
Sample Point : Bubbling Creek: Harts Mill Rd

Analyte Name	Result	Units
Turbidity - Field	2.8	NTU
Conductivity	131	umhos
Conductivity Field	135	umhos
Fecal Coliform (MF)	380	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	3	NTU
Total Hardness	45	mg/L
Total Suspended Solids	<1	mg/L
Temperature Field	9.1	°C
Ammonia	< 0.10	mg/L
Dissolved Oxygen Electrode Field	11.0	mg/L
pH	6.9	SU
pH Field	7.3	SU
Alkalinity	43	mg/L
Biochemical Oxygen Demand	<2	mg/L
Phosphorus (Total)	0.05	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08497

Sample Collection Date & Time: 12/16/2020 10:00

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

Analyte Name	Result	Units
Biochemical Oxygen Demand	4	mg/L
Total Hardness	36	mg/L
Turbidity - Field	3.8	NTU
Conductivity Field	100	umhos
Fecal Coliform (MF)	240	CFU/100mL
Chlorine, Total by Color Wheel	< 0.10	mg/L
Turbidity	3	NTU
Total Suspended Solids	<1	mg/L
Conductivity	107	umhos
Temperature Field	9.6	°C
Phosphorus (Total)	<0.01	mg/L
Alkalinity	32	mg/L
pH Field	6.5	SU
pH	6.5	SU
Dissolved Oxygen Electrode Field	10.2	mg/L
Ammonia	< 0.10	mg/L

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08523

Sample Collection Date & Time: 12/17/2020 10:00

Sample Point : Fecal monitoring site at Dekalb Memorial Park (Wilkinson Dr)

Analyte Name	Result	Units
pH Field	6.3	SU
Turbidity - Field	4.6	NTU
Turbidity	4.6	NTU
Dissolved Oxygen Electrode Field	10.3	mg/L
Temperature Field	8.1	°C
Fecal Coliform (MF)	2100	CFU/100mL
Conductivity Field	189.8	umhos

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08524

Sample Collection Date & Time: 12/17/2020 10:30

Sample Point : Fecal monitoring site at 291 Durand Falls

Analyte Name	Result	Units
Dissolved Oxygen Electrode Field	10.7	mg/L
Turbidity - Field	4.0	NTU
Fecal Coliform (MF)	670	CFU/100mL
Conductivity Field	126.5	umhos
pH Field	7.3	SU
Temperature Field	7.7	°C
Turbidity	4.0	NTU

DeKalb County
GEORGIA

Water Quality Control Laboratory
Department of Watershed Management
4124 Flakes Mill Road
Decatur, GA 30034

WQC Laboratory Report

REPORT TO

Sample Number: AI08548

Sample Collection Date & Time: 12/18/2020 09:45

Sample Point : Barbershela @ Woodway Dr

Analyte Name	Result	Units
Dissolved Oxygen Electrode Field	11.3	mg/L
Turbidity	4	NTU
Fecal Coliform (MF)	200	CFU/100mL
pH	6.2	SU
Turbidity - Field	3.4	NTU
Chlorine, Total by Color Wheel	< 0.10	mg/L
Total Hardness	27.0	mg/L
Conductivity	0.12	umhos
Ammonia	< 0.10	mg/L
Phosphorus (Total)	0.03	mg/L
Biochemical Oxygen Demand	<2	mg/L
pH Field	6.4	SU
Temperature Field	6.3	°C
Conductivity Field	87	umhos
Alkalinity	27	mg/L