

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:  Sample ID: AH32221 Facility Name: PADDLE GEORGIA OCONEE PROJECT #2 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 9:40 Sample Collector: A. WALTER Chlorination: Sample Type: Received By: AAA Date Received: 6/21/2011 Time Received: 8:21 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	130	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	32	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	5600	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	480	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1600	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	29	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	4600	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	23	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

ug/L: micrograms/liter  
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**Laboratory Contacts:**

Inorganics:	Kristy Hrehor	678-248-7450
Metals:	Mark Tolbert	678-248-7440
Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 12:18 Sample Collector: H. HARBERT Chlorination: Sample Type:
Sample ID: AH32222 Facility Name: PADDLE GEORGIA OCONEE PROJECT #3 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:21 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	230	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	35	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	5300	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	1900	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1700	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	140	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	4600	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	14	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
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 mg/kg: milligrams/kilogram  
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 MCL: Maximum Contaminant Level  
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**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 11:30 Sample Collector: T. MUENZ Chlorination: Sample Type:
Sample ID: AH32223 Facility Name: PADDLE GEORGIA OCONEE PROJECT #4 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:21 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	86	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	30	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	7400	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	340	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1700	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	24	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	5000	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

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 Organics: Carmen Jones 678-248-7420  
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 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 11:33 Sample Collector: H. HARBERT Chlorination: Sample Type:
Sample ID: AH32224 Facility Name: PADDLE GEORGIA OCONEE PROJECT #5 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:21 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	67	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	34	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	5700	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	4800	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1800	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	640	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	4100	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
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**Laboratory Contacts:**

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 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 12:12 Sample Collector: S. BLACKBURN Chlorination: Sample Type:
Sample ID: AH32225 Facility Name: PADDLE GEORGIA OCONEE PROJECT #6 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:22 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	240	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	16000	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	99	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	12000	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	3500	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	35	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	49000	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	50	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

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 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

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**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 12:44 Sample Collector: A. HUGHES Chlorination: Sample Type:
Sample ID: AH32226 Facility Name: PADDLE GEORGIA OCONEE PROJECT #7 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:22 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	130	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	27	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	4300	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	860	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1600	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	98	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	5300	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

ug/L: micrograms/liter  
mg/L: milligrams/liter  
mg/kg: milligrams/kilogram  
ug/kg: micrograms/kilogram  
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VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics:	Kristy Hrehor	678-248-7450
Metals:	Mark Tolbert	678-248-7440
Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:  Sample ID: AH32227 Facility Name: PADDLE GEORGIA OCONEE PROJECT #8 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 15:30 Sample Collector: M. DELISLE Chlorination: Sample Type: Received By: AAA Date Received: 6/21/2011 Time Received: 8:22 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	290	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	22	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	4800	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	1200	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1900	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	250	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	5700	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
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 ppb: parts per billion  
 org/L: organisms/liter

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 MCL: Maximum Contaminant Level  
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 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

ug/L: micrograms/liter  
mg/L: milligrams/liter  
mg/kg: milligrams/kilogram  
ug/kg: micrograms/kilogram  
ug/g: micrograms/gram  
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ppb: parts per billion  
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MCL: Maximum Contaminant Level  
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LSPC: result less than lower specification  
USPC: result greater than upper specification  
TIE: Tentatively Identified or Estimated  
VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics:	Kristy Hrehor	678-248-7450
Metals:	Mark Tolbert	678-248-7440
Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 13:46 Sample Collector: S. BLACKBRUN Chlorination: Sample Type:
Sample ID: AH32228 Facility Name: PADDLE GEORGIA OCONEE PROJECT #9 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:22 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	130	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	80	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	8300	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	770	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	4300	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	120	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	7900	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

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 MCL: Maximum Contaminant Level  
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 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
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 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

ug/L: micrograms/liter  
mg/L: milligrams/liter  
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**Laboratory Contacts:**

Inorganics:	Kristy Hrehor	678-248-7450
Metals:	Mark Tolbert	678-248-7440
Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 14:06 Sample Collector: T. MUENZ Chlorination: Sample Type:
Sample ID: AH32229 Facility Name: PADDLE GEORGIA OCONEE PROJECT #10 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:22 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	130	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	39	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	6200	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	650	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	1800	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	75	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	10000	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
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 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
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 LSPC: result less than lower specification  
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**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

ug/L: micrograms/liter  
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**Laboratory Contacts:**

Inorganics:	Kristy Hrehor	678-248-7450
Metals:	Mark Tolbert	678-248-7440
Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 15:19 Sample Collector: K. FINNEY Chlorination: Sample Type:
Sample ID: AH32230 Facility Name: PADDLE GEORGIA OCONEE PROJECT #11 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/21/2011 Time Received: 8:22 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 6.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>ICP Metals WQ in Water QC Batch 127196</b>								
Silver	01077	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Aluminum	01105	EPA 200.7	140	ug/L	60	PSB	7/4/2011	
Arsenic	01002	EPA 200.7	Not Detected	ug/L	80	PSB	7/4/2011	
Barium	01007	EPA 200.7	35	ug/L	10	PSB	7/4/2011	
Beryllium	01012	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Calcium	00916	EPA 200.7	4500	ug/L	1000	PSB	7/4/2011	
Cadmium	01027	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Cobalt	01037	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Chromium	01034	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Copper	01042	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Iron	01045	EPA 200.7	710	ug/L	20	PSB	7/4/2011	
Potassium	00937	EPA 200.7	Not Detected	ug/L	5000	PSB	7/4/2011	
Magnesium	00927	EPA 200.7	2000	ug/L	1000	PSB	7/4/2011	
Manganese	01055	EPA 200.7	90	ug/L	10	PSB	7/4/2011	
Sodium	00929	EPA 200.7	5200	ug/L	1000	PSB	7/4/2011	
Nickel	01067	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	
Lead	01051	EPA 200.7	Not Detected	ug/L	90	PSB	7/4/2011	
Antimony	01097	EPA 200.7	Not Detected	ug/L	120	PSB	7/4/2011	
Selenium	01147	EPA 200.7	Not Detected	ug/L	190	PSB	7/4/2011	
Titanium	01152	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Thallium	01059	EPA 200.7	Not Detected	ug/L	200	PSB	7/4/2011	
Vanadium	01087	EPA 200.7	Not Detected	ug/L	10	PSB	7/4/2011	
Zinc	01092	EPA 200.7	Not Detected	ug/L	20	PSB	7/4/2011	

COMMENTS: Samples received outside laboratory recommended temperature range.

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
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**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

ug/L: micrograms/liter  
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LSPC: result less than lower specification  
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**Laboratory Contacts:**

Inorganics:	Kristy Hrehor	678-248-7450
Metals:	Mark Tolbert	678-248-7440
Organics:	Carmen Jones	678-248-7420
GC Mass Spec:	Ralph Schulz	678-248-7410
Microbiology:	Avionne Fortner	678-248-7400

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ENVIRONMENTAL PROTECTION DIVISION**

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(678) 248-7383

**LABORATORY REPORT**

TO:    Sample ID: AH32359 Facility Name: PADDLE GEORGIA OCONEE PROJECT #7 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 12:44 Sample Collector: A. HUGHES Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	Not Detected	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.43	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127335</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	2.3	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	0.03	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
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**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:    Sample ID: AH32360 Facility Name: PADDLE GEORGIA OCONEE PROJECT #2 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 9:40 Sample Collector: A. WALTER Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	Not Detected	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.48	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127335</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	2.9	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	0.05	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403  
(678) 248-7383

**LABORATORY REPORT**

TO:  Sample ID: AH32361 Facility Name: PADDLE GEORGIA OCONEE PROJECT #3 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 12:18 Sample Collector: H. HARBERT Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	0.04	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.24	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	1.2	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	0.04	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:     Sample ID: AH32362 Facility Name: PADDLE GEORGIA OCONEE PROJECT #4 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 11:30 Sample Collector: T. MUENZ Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	Not Detected	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.65	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	3.9	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	0.04	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:    Sample ID: AH32363 Facility Name: PADDLE GEORGIA OCONEE PROJECT #5 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 11:33 Sample Collector: H. HARBERT Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	0.25	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.02	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	0.48	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	4.3	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	0.06	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:     Sample ID: AH32364 Facility Name: PADDLE GEORGIA OCONEE PROJECT #6 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 12:12 Sample Collector: S. BLACKBURN Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	0.06	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127340</b>								
Nitrate/Nitrite	00630	EPA 353.2	11	mg/L as N	0.20	SBG	6/29/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	0.68	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	5.1	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	3.8	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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(678) 248-7383

**LABORATORY REPORT**

TO:    Sample ID: AH32365 Facility Name: PADDLE GEORGIA OCONEE PROJECT #8 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 15:30 Sample Collector: M. DELISLE Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	0.04	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.60	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	0.53	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	3.7	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127363</b>								
Total Phosphorus	00665	EPA 365.1	0.06	mg/L	0.02	JJR	6/30/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:    Sample ID: AH32366 Facility Name: PADDLE GEORGIA OCONEE PROJECT #9 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 13:46 Sample Collector: S. BLACKBURN Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	Not Detected	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127340</b>								
Nitrate/Nitrite	00630	EPA 353.2	6.7	mg/L as N	0.10	SBG	6/29/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	1.3	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127475</b>								
Total Phosphorus	00665	EPA 365.1	0.02	mg/L	0.02	JJR	7/7/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:	Date Collected: 6/18/2011 Time Collected: 14:06 Sample Collector: T. MUENZ Chlorination: Sample Type:
Sample ID: AH32367 Facility Name: PADDLE GEORGIA OCONEE PROJECT #10 Site ID: LABSPEC Location ID: Location Descr:	Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	Not Detected	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	0.78	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	1.8	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127475</b>								
Total Phosphorus	00665	EPA 365.1	0.04	mg/L	0.02	JJR	7/7/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400

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**LABORATORY REPORT**

TO:    Sample ID: AH32368 Facility Name: PADDLE GEORGIA OCONEE PROJECT #11 Site ID: LABSPEC Location ID: Location Descr:	Date Collected: 6/18/2011 Time Collected: 15:19 Sample Collector: K. FINNEY Chlorination: Sample Type: Received By: AAA Date Received: 6/22/2011 Time Received: 6:32 AM Project: SPECIAL Reporting Date: 7/18/2011 Received Temperature: 0.0 °C
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ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
						ANALYST	DATE	
<b>QC Batch 127310</b>								
Ammonia	00610	4500-NH3-G	Not Detected	mg/L as N	0.03	TDC	6/29/2011	
<b>QC Batch 127284</b>								
Nitrate/Nitrite	00630	EPA 353.2	1.2	mg/L as N	0.02	SBG	6/27/2011	
<b>QC Batch 127336</b>								
Total Kjeldahl Nitrogen	00625	EPA 351.2	Not Detected	mg/L	0.20	PP	6/29/2011	
<b>QC Batch 127329</b>								
Total Organic Carbon	00680	SM5310B	1.1	mg/L	1.0	PP	7/8/2011	
<b>QC Batch 127475</b>								
Total Phosphorus	00665	EPA 365.1	0.04	mg/L	0.02	JJR	7/7/2011	

COMMENTS: TOC-SM5310B - Samples were analyzed using SM5310C instead of SM5310B due to instrument failure. 3-070811-249

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics: Kristy Hrehor 678-248-7450  
 Metals: Mark Tolbert 678-248-7440  
 Organics: Carmen Jones 678-248-7420  
 GC Mass Spec: Ralph Schulz 678-248-7410  
 Microbiology: Avionne Fortner 678-248-7400