 <p>CLAYTON COUNTY <b>Water</b> AUTHORITY</p> <p>1600 Battle Creek Road, Morrow, GA 30260</p>	<b>Residual Biosolids Management</b>	
	<b>ADDENDUM 1</b>	
	DATE	April 9, 2019
	BID NUMBER	2019-WR-06
BID OPENING DATE	Tuesday, May 7, 2019 at 3:30 p.m. local time	
<b>ADDENDUM MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.</b>		

**REVISIONS:**

1. **Replace page 1-2.1 of the RFB documents with revised page 1-2.1R provided with this Addendum. Revision was made to paragraph 7 of the General Information on the dates and times for the site visits to our facilities.**
  
2. **Include Attachment A and Attachment B to the RFB Documents provided with this Addendum.**

**QUESTIONS**

- 1) **Was this bid already awarded?**

Answer: No. Award of this bid is anticipated on June 6, 2019.

- 2) **Could you please forward a copy of Attachment A & Attachment B for Residual Biosolids Management Bid Number #2019-WR-06.**

Answer: Refer to Revisions No. 2 above.

<i>Acknowledgment of receipt of this addendum must be signed and included in your bid response.</i>	
COMPANY NAME	
SIGNATURE	
DATE	

## **Division 4**

## **Specifications**

### **Section 3: Construction Standards – Revised**

#### **1.1 Intent and Purpose**

This is an invitation to your firm to submit a sealed bid for **Residual Biosolids Management** for the Clayton County Water Authority's Northeast, Casey, and Shoal Creek Water Reclamation Facilities for the time period of **August 1, 2019 to July 31, 2020**.

The contract may be extended for a second and/ or third one-year term by mutual consent of both parties with no changes to terms, conditions or price.

The bids shall be delivered or mailed to the Clayton County Water Authority (CCWA), located at 1600 Battle Creek Road, Morrow, Georgia 30260, in a sealed envelope, on or before **Tuesday, May 7, 2019 at 3:30 p.m. (local time)**. The envelope shall be marked "Sealed Bid" and carry the bid title, date, and time of bid opening (refer to General Instructions to Bidders). Any and all bids received after this date and time will be considered unresponsive.

The prospective bidders are to carefully examine the work description given herein and sign where indicated that he or she understands the work required and agrees to perform the work as specified.

The CCWA Standards will govern all work under this contract for Residual Biosolids Management, as well as all applicable United States, State of Georgia, and local laws/regulations.

The work shall be performed under the direction of the Manager of Water Reclamation of the Clayton County Water Authority or his authorized designated representative. Payment requests shall be addressed to the Water Reclamation Department of the Clayton County Water Authority for processing.

For those bidders that do not attend the non-mandatory pre-bid conference meeting on Tuesday, April 23, 2019 at 3:30 p.m. or for those bidders who wish to visit the sites multiple times may do so with the following limitations: The site visits to our facilities will be limited to **April 25, 2019 and April 26, 2019 from 9:00 a.m. to 4:00 p.m.** Bidder must contact facilities prior to visiting any of the three sites. Due to staff limitations, security and daily operations these dates and times will be strictly enforced. The purpose of the site visit(s) is to view the solids loading facilities and the solids to be hauled and disposed. It is strongly encouraged that each bidder visits all three water reclamation facilities.

# **ATTACHMENT A**

**PACE ANALYTICAL SERVICES, INC.**

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

**Laboratory Report**

**Prepared For:**

**Clayton County Water Authority-WWTP**

**688 Flint River Road**

**Jonesboro, GA 30238**

**Attention: Ms. Jennifer Brandon**

**Report Number: AZK0395**

**November 28, 2016**

**Project: SC Sludge Cake**

**Project #:[none]**

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

A handwritten signature in black ink, appearing to read "Maura Tarkenton", written over a horizontal line.

**Project Manager**

This report may not be reproduced, except in full, without written approval from Pace Analytical Services, Inc.

All test results relate only to the samples analyzed.

**PACE ANALYTICAL SERVICES, INC.**

---

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 28, 2016

## ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
Shoal Creek Sludge Cake	AZK0395-01	Sludge	11/08/16 12:00	11/10/16 14:40



## PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 28, 2016

Report No.: AZK0395

Project: SC Sludge Cake

Client ID: Shoal Creek Sludge Cake

Lab Number ID: AZK0395-01

Date/Time Sampled: 11/8/2016 12:00:00PM

Date/Time Received: 11/10/2016 2:40:00PM

Matrix: Sludge

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>										
Ammonia as N	0.130	0.00595	% dry	EPA 350.1		1	11/21/16 9:30	11/22/16 13:35	6110522	LPH
Total Kjeldahl Nitrogen as N	3.26	0.24	% dry	EPA 351.2		10	11/15/16 11:00	11/16/16 10:19	6110369	LPH
Paint Filter Liquids Test	Pass		-	EPA 9095B		1	11/21/16 11:10	11/21/16 11:10	6110541	JS
pH	6.56		pH Units	EPA 9045D	H-01	1	11/10/16 16:35	11/10/16 16:35	6110306	JS
% Solids	16.9	0.01	% by Weight	SOP		1	11/14/16 15:00	11/14/16 15:00	6110345	JPT
Total Nitrogen	3.3	0.24	% dry	Calculation		10	11/15/16 11:00	11/16/16 12:22	[CALC]	LPH
Total Organic Nitrogen	3.13	0.00400	%	Calculation		1	11/23/16 9:16	11/23/16 9:24	6110605	FDS
T. Pet Hydrocarbons (SGT-HEM)	ND	590	mg/kg dry	EPA 9071M		1	11/21/16 7:30	11/21/16 7:30	6110517	AVH
Total Solids	16.9	0.00971	%	SM 2540 G		1	11/14/16 15:00	11/14/16 15:00	6110344	JPT
<b>Inorganic Anions</b>										
Nitrate/Nitrite as N, Extractable	0.03	0.0006	% dry	EPA 9056A		1	11/14/16 14:50	11/16/16 12:22	6110360	RLC
Nitrate as N, Extractable	0.028	0.00058	% dry	EPA 9056A		1	11/14/16 14:50	11/16/16 12:22	6110360	RLC
<b>Metals, Total</b>										
Calcium	8880	560	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Iron	57800	22.4	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Phosphorus	32000	112	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Mercury	ND	0.443	mg/kg dry	EPA 7471B		1	11/14/16 16:40	11/15/16 11:19	6110358	MTC
Phosphorus	3.20	0.00280	% dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Potassium	0.298	0.0112	% dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Arsenic	ND	16.8	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Cadmium	5.78	5.60	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Chromium	32.3	5.60	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Copper	171	11.2	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Lead	ND	14.0	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Molybdenum	ND	22.4	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Nickel	14.6	11.2	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Selenium	ND	22.4	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS
Zinc	506	11.2	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:48	6110416	FBS



## PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 28, 2016

Report No.: AZK0395

Project: SC Sludge Cake

Client ID: Shoal Creek Sludge Cake

Lab Number ID: AZK0395-01

Date/Time Sampled: 11/8/2016 12:00:00PM

Date/Time Received: 11/10/2016 2:40:00PM

Matrix: Sludge

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Metals, TCLP</b>										
Mercury	ND	0.0050	mg/L	EPA 7470A		1	11/17/16 12:00	11/17/16 17:21	6110441	MTC
Arsenic	ND	0.300	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
Barium	ND	0.500	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
Cadmium	ND	0.100	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
Chromium	ND	0.100	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
Lead	ND	0.250	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
Selenium	ND	0.400	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
Silver	ND	0.100	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:50	6110477	FBS
<b>Volatile Organic Compounds by EPA 8260, TCLP</b>										
Benzene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Carbon Tetrachloride	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Chlorobenzene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Chloroform	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
1,2-Dichloroethane	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
1,1-Dichloroethene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Tetrachloroethene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Trichloroethene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Vinyl Chloride	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:30	6110466	JG
Surrogate: 1,2-Dichloroethane-d4	102 %	78-120		EPA 8260B			11/17/16 11:00	11/17/16 19:30	6110466	
Surrogate: Toluene-d8	101 %	80-120		EPA 8260B			11/17/16 11:00	11/17/16 19:30	6110466	
Surrogate: 4-Bromofluorobenzene	99 %	80-120		EPA 8260B			11/17/16 11:00	11/17/16 19:30	6110466	
Surrogate: Dibromofluoromethane	93 %	80-120		EPA 8260B			11/17/16 11:00	11/17/16 19:30	6110466	



## PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 28, 2016

Report No.: AZK0395

Project: SC Sludge Cake

Client ID: Shoal Creek Sludge Cake

Lab Number ID: AZK0395-01


Date/Time Sampled: 11/8/2016 12:00:00PM

Date/Time Received: 11/10/2016 2:40:00PM

Matrix: Sludge

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Semivolatile Organic Compounds by EPA 8270, TCLP</b>										
Cresols, total	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
1,4-Dichlorobenzene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
2,4-Dinitrotoluene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Hexachlorobenzene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Hexachlorobutadiene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Hexachloroethane	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Nitrobenzene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Pentachlorophenol	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Pyridine	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
2,4,5-Trichlorophenol	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
2,4,6-Trichlorophenol	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 3:16	6110452	JRS
Surrogate: 2-Fluorophenol	36 %	11-120		EPA 8270D			11/17/16 8:08	11/18/16 3:16	6110452	
Surrogate: Pheno-d6	25 %	10-120		EPA 8270D			11/17/16 8:08	11/18/16 3:16	6110452	
Surrogate: Nitrobenzene-d5	58 %	15-120		EPA 8270D			11/17/16 8:08	11/18/16 3:16	6110452	
Surrogate: 2-Fluorobiphenyl	68 %	23-120		EPA 8270D			11/17/16 8:08	11/18/16 3:16	6110452	
Surrogate: 2,4,6-Tribromophenol	76 %	36-120		EPA 8270D			11/17/16 8:08	11/18/16 3:16	6110452	
Surrogate: p-Terphenyl-d14	75 %	53-121		EPA 8270D			11/17/16 8:08	11/18/16 3:16	6110452	



 <p><b>CLAYTON COUNTY</b> <b>Water AUTHORITY</b> Water Reclamation Laboratory 688 Flint River Rd. Jonesboro, GA. 30238 (770) 478-7496 Fax (770) 478-7301 Permit #: GA0038423 / GA02-008</p>		Composite/Grab		Analysis																
		Date	Time	Sample Description	Pres.	Ice	pH	Paint Filter	TPH (Total petroleum Hydrocarbons)	TCLP Metals	TCLP Volatiles	TCLP Semi-Volatiles	Total Metals	503 Parameters	Additional Information:  <div style="font-size: 2em; font-family: cursive;">AZK0395</div>					
11-8-16	1700	Shoal Creek Sludge Cake		Ice	X	X	X	X	X	X	X	X	X							
Sampled By: <i>NB</i>		Date: 11-8-16		Time: 1700																
Relinquished By: <i>NB</i>		Date: 11-10-16		Time: 0900																
Received By:		Date:		Time:																
Relinquished By:		Date:		Time:																
Received By: <i>Rabinson</i>		Date: 11/10/16		Time: 1440																

Ice, 4°C, Tactact, Courier.

**PACE ANALYTICAL SERVICES, INC.**

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

**Laboratory Report**

**Prepared For:**

**Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro, GA 30238**

**Attention: Ms. Jennifer Brandon**

**Report Number: AZK0394**

**November 28, 2016**

**Project: NE Sludge Cake**

**Project #:[none]**

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

A handwritten signature in black ink, appearing to read "Maurya Tarkenton", written over a horizontal line.

**Project Manager**

This report may not be reproduced, except in full, without written approval from Pace Analytical Services, Inc.

All test results relate only to the samples analyzed.

**PACE ANALYTICAL SERVICES, INC.**

---

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 28, 2016

## ANALYTICAL REPORT FOR SAMPLES

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
Northeast Sludge Cake	AZK0394-01	Sludge	11/08/16 11:00	11/10/16 14:40



## PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 28, 2016

Report No.: AZK0394

Project: NE Sludge Cake

Client ID: Northeast Sludge Cake

Lab Number ID: AZK0394-01

Date/Time Sampled: 11/8/2016 11:00:00AM

Date/Time Received: 11/10/2016 2:40:00PM

Matrix: Sludge

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>General Chemistry</b>										
Ammonia as N	0.639	0.00495	% dry	EPA 350.1		1	11/21/16 9:30	11/22/16 13:35	6110522	LPH
Total Kjeldahl Nitrogen as N	7.67	0.20	% dry	EPA 351.2		10	11/15/16 11:00	11/16/16 10:17	6110369	LPH
Paint Filter Liquids Test	Pass		-	EPA 9095B		1	11/21/16 11:00	11/21/16 11:00	6110541	JS
pH	7.67		pH Units	EPA 9045D	H-01	1	11/10/16 16:35	11/10/16 16:35	6110306	JS
% Solids	20.4	0.01	% by Weight	SOP Moisture		1	11/14/16 15:00	11/14/16 15:00	6110345	JPT
Total Nitrogen	7.7	0.20	% dry	Calculation		10	11/15/16 11:00	11/16/16 12:01	[CALC]	LPH
Total Organic Nitrogen	7.03	0.00400	%	Calculation		1	11/23/16 9:16	11/23/16 9:24	6110605	FDS
T. Pet Hydrocarbons (SGT-HEM)	ND	490	mg/kg dry	EPA 9071M		1	11/21/16 7:30	11/21/16 7:30	6110517	AVH
Total Solids	20.4	0.00989	%	SM 2540 G		1	11/14/16 15:00	11/14/16 15:00	6110344	JPT
<b>Inorganic Anions</b>										
Nitrate/Nitrite as N, Extractable	ND	0.0005	% dry	EPA 9056A		1	11/14/16 14:50	11/16/16 12:01	6110360	RLC
Nitrate as N, Extractable	ND	0.00048	% dry	EPA 9056A		1	11/14/16 14:50	11/16/16 12:01	6110360	RLC
<b>Metals, Total</b>										
Mercury	0.449	0.364	mg/kg dry	EPA 7471B		1	11/14/16 16:40	11/15/16 11:16	6110358	MTC
Phosphorus	3.25	0.00240	% dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Potassium	0.355	0.00960	% dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Arsenic	ND	14.4	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Cadmium	ND	4.80	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Chromium	28.3	4.80	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Copper	270	9.60	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Lead	ND	12.0	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Molybdenum	ND	19.2	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Nickel	11.2	9.60	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Selenium	ND	19.2	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Zinc	424	9.60	mg/kg dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS
Potassium	0.355	0.00960	% dry	EPA 6010C		1	11/16/16 13:25	11/17/16 12:55	6110416	FBS



**PACE ANALYTICAL SERVICES, INC.**

Environmental Monitoring & Laboratory Analysis  
 110 Technology Parkway, Peachtree Corners, GA 30092  
 (770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
 688 Flint River Road  
 Jonesboro GA, 30238  
 Attention: Ms. Jennifer Brandon

November 28, 2016

Report No.: AZK0394

Project: NE Sludge Cake

Client ID: Northeast Sludge Cake

Lab Number ID: AZK0394-01

Date/Time Sampled: 11/8/2016 11:00:00AM

Date/Time Received: 11/10/2016 2:40:00PM

Matrix: Sludge

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Metals, TCLP</b>										
Mercury	ND	0.0050	mg/L	EPA 7470A		1	11/17/16 12:00	11/17/16 17:19	6110441	MTC
Arsenic	ND	0.300	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
Barium	ND	0.500	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
Cadmium	ND	0.100	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
Chromium	ND	0.100	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
Lead	ND	0.250	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
Selenium	ND	0.400	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
Silver	ND	0.100	mg/L	EPA 6010C		1	11/18/16 9:50	11/18/16 13:47	6110477	FBS
<b>Volatile Organic Compounds by EPA 8260, TCLP</b>										
Benzene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Carbon Tetrachloride	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Chlorobenzene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Chloroform	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
1,2-Dichloroethane	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
1,1-Dichloroethene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Tetrachloroethene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Trichloroethene	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Vinyl Chloride	ND	0.2	mg/L	EPA 8260B		1	11/17/16 11:00	11/17/16 19:01	6110466	JG
Surrogate: 1,2-Dichloroethane-d4	103 %	78-120		EPA 8260B			11/17/16 11:00	11/17/16 19:01	6110466	
Surrogate: Toluene-d8	100 %	80-120		EPA 8260B			11/17/16 11:00	11/17/16 19:01	6110466	
Surrogate: 4-Bromofluorobenzene	99 %	80-120		EPA 8260B			11/17/16 11:00	11/17/16 19:01	6110466	
Surrogate: Dibromofluoromethane	96 %	80-120		EPA 8260B			11/17/16 11:00	11/17/16 19:01	6110466	



**PACE ANALYTICAL SERVICES, INC.**

Environmental Monitoring & Laboratory Analysis  
 110 Technology Parkway, Peachtree Corners, GA 30092  
 (770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
 688 Flint River Road  
 Jonesboro GA, 30238  
 Attention: Ms. Jennifer Brandon

November 28, 2016

Report No.: AZK0394

Project: NE Sludge Cake

Client ID: Northeast Sludge Cake


Lab Number ID: AZK0394-01

Date/Time Sampled: 11/8/2016 11:00:00AM

Date/Time Received: 11/10/2016 2:40:00PM

Matrix: Sludge

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
<b>Semivolatile Organic Compounds by EPA 8270, TCLP</b>										
Cresols, total	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
1,4-Dichlorobenzene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
2,4-Dinitrotoluene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Hexachlorobenzene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Hexachlorobutadiene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Hexachloroethane	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Nitrobenzene	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Pentachlorophenol	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Pyridine	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
2,4,5-Trichlorophenol	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
2,4,6-Trichlorophenol	ND	0.1	mg/L	EPA 8270D		1	11/17/16 8:08	11/18/16 2:50	6110452	JRS
Surrogate: 2-Fluorophenol	34 %	11-120		EPA 8270D			11/17/16 8:08	11/18/16 2:50	6110452	
Surrogate: Pheno-d6	24 %	10-120		EPA 8270D			11/17/16 8:08	11/18/16 2:50	6110452	
Surrogate: Nitrobenzene-d5	57 %	15-120		EPA 8270D			11/17/16 8:08	11/18/16 2:50	6110452	
Surrogate: 2-Fluorobiphenyl	63 %	23-120		EPA 8270D			11/17/16 8:08	11/18/16 2:50	6110452	
Surrogate: 2,4,6-Tribromophenol	77 %	36-120		EPA 8270D			11/17/16 8:08	11/18/16 2:50	6110452	
Surrogate: p-Terphenyl-d14	67 %	53-121		EPA 8270D			11/17/16 8:08	11/18/16 2:50	6110452	

 <p>CLAYTON COUNTY <b>Water</b> AUTHORITY</p> <p>Water Reclamation Laboratory 688 Flint River Rd. Jonesboro, GA. 30238 (770) 478-7496 Fax (770) 478-7301 Permit #: GA0038423 / GA02-008</p>			Composite/Grab		Analysis	
			Date	Time	Sample Description	Pres.
11-8-16	1100	Northeast Sludge Cake	Ice	Total Metals	X	
				TCLP Semi-Volatiles	X	
				TCLP Volatiles	X	
				TCLP Metals	X	
				TPH (Total petroleum Hydrocarbons)	X	
				Paint Filter	X	
				pH	X	
Sampled By: <i>[Signature]</i> Date: 11-8-16 Time: 1100 Relinquished By: <i>[Signature]</i> Date: 11-10-16 Time: 0900 Received By: _____ Date: _____ Time: _____ Relinquished By: _____ Date: _____ Time: _____ Received By: <i>M. Dalman</i> Date: 11/10/16 Time: 1440			Additional Information: AZK0394 Ice, 4°C, Intact, Courier.			

**PACE ANALYTICAL SERVICES, INC.**

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

**Laboratory Report****Prepared For:**

**Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro, GA 30238**

**Attention: Ms. Jennifer Brandon****Report Number: AZJ0521****November 01, 2016****Project: Pelletizing Sludge Cake****Project #:[none]**

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

A handwritten signature in black ink, appearing to read "Maura Tarkenton", written over a horizontal line.

**Project Manager**

This report may not be reproduced, except in full, without written approval from Pace Analytical Services, Inc. Pace Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).  
All test results relate only to the samples analyzed.





**PACE ANALYTICAL SERVICES, INC.**

ATTACHMENT A

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway, Peachtree Corners, GA 30092  
(770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
688 Flint River Road  
Jonesboro GA, 30238  
Attention: Ms. Jennifer Brandon

November 01, 2016

**ANALYTICAL REPORT FOR SAMPLES**

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
Pelletizing Sludge Cake	AZJ0521-01	Sludge	10/19/16 10:30	10/19/16 11:40



**PACE ANALYTICAL SERVICES, INC.**  
 Environmental Monitoring & Laboratory Analysis  
 110 Technology Parkway, Peachtree Corners, GA 30092  
 (770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
 688 Flint River Road  
 Jonesboro GA, 30238  
 Attention: Ms. Jennifer Brandon

November 01, 2016

Project: Pelletizing Sludge Cake

Report No.: AZJ0521

Client ID: Pelletizing Sludge Cake

Date/Time Sampled: 10/19/2016 10:30:00AM

Lab Number ID: AZJ0521-01

Date/Time Received: 10/19/2016 11:40:00AM

Matrix: Sludge

Analyte	Result	RL	TCLP Limit	Units	Method	Qual.	DF	Prep Date	Analysis Date	Batch	Init.
<b>General Chemistry</b>											
Ammonia as N	0.241	0.00547	--	% dry	EPA 350.1		1	10/21/16 07:30	10/21/16 11:24	6100547	LPH
Paint Filter Liquids Test	Pass		--	-	EPA 9095B		1	10/28/16 10:20	10/28/16 10:20	6100756	JS
pH	5.37		--	pH Units	EPA 9045D		1	10/19/16 12:30	10/19/16 12:30	6100488	JS
% Solids	18.3	0.01	--	% by Weight	SOP Moisture		1	10/24/16 11:40	10/24/16 11:40	6100603	JPT
Total Kjeldahl Nitrogen as N	6.03	0.432	--	% dry	EPA 351.2		20	10/20/16 09:15	10/20/16 14:31	6100507	LPH
Total Organic Nitrogen *	5.79	0.00400	--	%	Calculation		1	10/31/16 15:57	10/31/16 16:03	6100827	FDS
T. Pet Hydrocarbons (SGT-HE)	ND	550	--	mg/kg dry	EPA 9071M		1	10/20/16 08:30	10/20/16 08:30	6100508	AVH
Total Solids	18.3	0.00994	--	%	SM 2540 G		1	10/24/16 11:40	10/24/16 11:40	6100602	JPT
<b>Inorganic Anions</b>											
Nitrate as N, Extractable	ND	0.00054	--	% dry	EPA 9056A		1	10/21/16 11:23	10/24/16 13:40	6100568	RLC
<b>Metals, Total</b>											
Calcium	7600	90.1	--	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Iron	29800	36.0	--	mg/kg dry	EPA 6010C		10	10/25/16 14:55	10/26/16 13:11	6100620	FBS
Mercury	ND	0.396	--	mg/kg dry	EPA 7471B		1	10/25/16 15:25	10/26/16 11:00	6100622	MTC
Arsenic	ND	2.70	41	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Cadmium	3.31	0.901	39	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Chromium	12.2	0.901	--	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Copper	216	1.80	1500	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Lead	14.2	2.25	300	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Molybdenum	7.97	3.60	75	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Nickel	9.81	1.80	420	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Selenium	ND	3.60	100	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Zinc	415	1.80	2800	mg/kg dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS
Potassium	0.236	0.00180	--	% dry	EPA 6010C		1	10/25/16 14:55	10/26/16 12:47	6100620	FBS



# PACE ANALYTICAL SERVICES, INC.

ATTACHMENT A

Environmental Monitoring & Laboratory Analysis  
 110 Technology Parkway, Peachtree Corners, GA 30092  
 (770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
 688 Flint River Road  
 Jonesboro GA, 30238  
 Attention: Ms. Jennifer Brandon

November 01, 2016

**Project:** Pelletizing Sludge Cake

**Report No.:** AZJ0521

**Client ID:** Pelletizing Sludge Cake

**Date/Time Sampled:** 10/19/2016 10:30:00AM

**Lab Number ID:** AZJ0521-01

**Date/Time Received:** 10/19/2016 11:40:00AM

**Matrix:** Sludge

Analyte	Result	RL	TCLP Limit	Units	Method	Qual.	DF	Prep Date	Analysis Date	Batch	Init.
<b>Metals, TCLP</b>											
Mercury	ND	0.0050	0.2	mg/L	EPA 7470A		1	10/27/16 09:30	10/27/16 14:03	6100699	DDN
Arsenic	ND	0.300	5	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
Barium	ND	0.500	100	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
Cadmium	ND	0.100	1	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
Chromium	ND	0.100	5	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
Lead	ND	0.250	5	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
Selenium	ND	0.400	1	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
Silver	ND	0.100	5	mg/L	EPA 6010C		1	10/27/16 09:55	10/28/16 12:18	6100696	FBS
<b>Volatile Organic Compounds by EPA 8260, TCLP</b>											
Benzene	ND	0.2	0.5	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Carbon Tetrachloride	ND	0.2	0.5	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Chlorobenzene	ND	0.2	100	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Chloroform	ND	0.2	6	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
1,2-Dichloroethane	ND	0.2	0.5	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
1,1-Dichloroethene	ND	0.2	0.7	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Methyl Ethyl Ketone (2-Butano	ND	5.0	200	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Tetrachloroethene	ND	0.2	0.7	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Trichloroethene	ND	0.2	0.5	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Vinyl Chloride	ND	0.2	0.2	mg/L	EPA 8260B		1	10/20/16 11:00	10/20/16 21:33	6100536	JG
Surrogate: 1,2-Dichloroethane- <i>l</i>	102 %		78-120		EPA 8260B			10/20/16 11:00	10/20/16 21:33	6100536	
Surrogate: Toluene- <i>d</i> 8	98 %		80-120		EPA 8260B			10/20/16 11:00	10/20/16 21:33	6100536	
Surrogate: 4-Bromofluorobenzene	98 %		80-120		EPA 8260B			10/20/16 11:00	10/20/16 21:33	6100536	
Surrogate: Dibromofluoromethane	91 %		80-120		EPA 8260B			10/20/16 11:00	10/20/16 21:33	6100536	



# PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
 110 Technology Parkway, Peachtree Corners, GA 30092  
 (770) 734-4200 FAX (770) 734-4201

Clayton County Water Authority-WWTP  
 688 Flint River Road  
 Jonesboro GA, 30238  
 Attention: Ms. Jennifer Brandon

November 01, 2016

**Project:** Pelletizing Sludge Cake  
**Client ID:** Pelletizing Sludge Cake  
**Lab Number ID:** AZJ0521-01  
**Matrix:** Sludge

**Report No.:** AZJ0521  
**Date/Time Sampled:** 10/19/2016 10:30:00AM  
**Date/Time Received:** 10/19/2016 11:40:00AM

Analyte	Result	RL	TCLP Limit	Units	Method	Qual.	DF	Prep Date	Analysis Date	Batch	Init.
<b>Semivolatile Organic Compounds by EPA 8270, TCLP</b>											
Cresols, total	ND	0.1	200	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
1,4-Dichlorobenzene	ND	0.1	7.5	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
2,4-Dinitrotoluene	ND	0.1	0.13	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Hexachlorobenzene	ND	0.1	0.13	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Hexachlorobutadiene	ND	0.1	0.5	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Hexachloroethane	ND	0.1	3	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Nitrobenzene	ND	0.1	2	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Pentachlorophenol	ND	0.1	100	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Pyridine	ND	0.1	5	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
2,4,5-Trichlorophenol	ND	0.1	400	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
2,4,6-Trichlorophenol	ND	0.1	2	mg/L	EPA 8270D		1	10/26/16 08:35	10/26/16 17:54	6100669	JRS
Surrogate: 2-Fluorophenol	45 %		11-120		EPA 8270D			10/26/16 08:35	10/26/16 17:54	6100669	
Surrogate: Phenol-d6	32 %		10-120		EPA 8270D			10/26/16 08:35	10/26/16 17:54	6100669	
Surrogate: Nitrobenzene-d5	73 %		15-120		EPA 8270D			10/26/16 08:35	10/26/16 17:54	6100669	
Surrogate: 2-Fluorobiphenyl	90 %		23-120		EPA 8270D			10/26/16 08:35	10/26/16 17:54	6100669	
Surrogate: 2,4,6-Tribromophenol	91 %		36-120		EPA 8270D			10/26/16 08:35	10/26/16 17:54	6100669	
Surrogate: p-Terphenyl-d14	96 %		53-121		EPA 8270D			10/26/16 08:35	10/26/16 17:54	6100669	



# **ATTACHMENT B**

### SPECIAL WASTE PROFILE - RECERTIFICATION

Saveable fill-in form Restricted printing until all required (yellow) fields are completed

Disposal Facility: 3708 Pine Ridge LF GA

Waste Profile #

**I. Generator Information**

Generator Name: Clayton County Water Authority Shoal Creek WRF			
Generator Site Address: 301 Hampton Rd			
City: Hampton	County: Clayton	State: Georgia	Zip: 30228
State ID/Reg No:	State Approval/Waste Code:		NAICS #:
Generator Mailing Address (if different): <input type="checkbox"/> 301 Hampton Rd			
City: Hampton	County:	State: Georgia	Zip: 30228
Generator Contact Name: Jennifer Brandon/Herlon Fayard		Email: herlon.fayard@ccwa.us	
Phone Number: (770) 302-3448		Fax Number: (770) 707-1925	

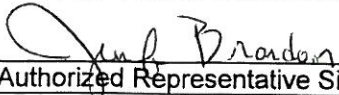
**II. Waste Stream Information**

Name of Waste: Shoal Creek Waste Activated Sludge	
Check Section 1 OR Section 2 below:	
1. <input type="checkbox"/>	<p><u>There has been a change</u> in the characteristics of the waste stream due to the following:</p> <ul style="list-style-type: none"> <li>a. Change of a raw material used in the waste generating process.</li> <li>b. Change in the waste generating process itself.</li> <li>c. Change in a physical characteristic of the waste.</li> <li>d. New information has been documented concerning the human health effects of exposure to the waste.</li> </ul> <p><b>If any of these changes have occurred, a new laboratory analysis and profile sheet must be completed. Attach copies of the new chemical analysis and new Special Waste Profile with the appropriate signatures.</b></p>
2. <input checked="" type="checkbox"/>	<p><u>There have been no changes</u> that would alter the physical characteristics of the special waste stream. Updated analytical may be required.</p>

**III. Representative Sample Certification**

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?		<input type="checkbox"/> No Sample Taken
		<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input checked="" type="checkbox"/> GRAB SAMPLE		
Sample Date: 11/08/2016		
Sample ID Numbers: Shoal Creek Sludge Cake		

**IV. Certification**

I hereby certify that to the best of my knowledge and belief, the information contained in the Special Waste Profile - Recertification and the information in the Original Special Waste Profile is true, complete and accurate.	
Jennifer Brandon/Environmental Compliance Coordinator	Clayton County Water Authority
Authorized Representative Name And Title (Printed)	Company Name
	1-24-17
Authorized Representative Signature	Date

### SPECIAL WASTE PROFILE - RECERTIFICATION

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed

Disposal Facility: 3708 Pine Ridge LF GA

Waste Profile #

**I. Generator Information**

Generator Name: Clayton County Water Authority Northeast WRF			
Generator Site Address: 6900 Old Macon Highway			
City: Rex	County: Henry	State: Georgia	Zip: 30273
State ID/Reg No:	State Approval/Waste Code:		NAICS #:
Generator Mailing Address (if different): <input type="checkbox"/> 6900 Old Macon Highway			
City: Rex	County:	State: Georgia	Zip: 30273
Generator Contact Name: Jennifer Brandon/David Blackstock		Email: dblackstock@ccwa.us	
Phone Number: (770) 302-3450		Fax Number: (770) 474-9408	


**II. Waste Stream Information**

Name of Waste: Waste Activated Sludge	
Check Section 1 OR Section 2 below:	
1. <input type="checkbox"/>	<p><u>There has been a change</u> in the characteristics of the waste stream due to the following:</p> <ul style="list-style-type: none"> <li>a. Change of a raw material used in the waste generating process.</li> <li>b. Change in the waste generating process itself.</li> <li>c. Change in a physical characteristic of the waste.</li> <li>d. New information has been documented concerning the human health effects of exposure to the waste.</li> </ul> <p><b>If any of these changes have occurred, a new laboratory analysis and profile sheet must be completed. Attach copies of the new chemical analysis and new Special Waste Profile with the appropriate signatures.</b></p>
2. <input checked="" type="checkbox"/>	<p><u>There have been no changes</u> that would alter the physical characteristics of the special waste stream. Updated analytical may be required.</p>

**III. Representative Sample Certification**

<input type="checkbox"/> No Sample Taken	
Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input checked="" type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE	
Sample Date: 11/08/2016	
Sample ID Numbers: Northeast Sludge Cake	

**IV. Certification**

I hereby certify that to the best of my knowledge and belief, the information contained in the Special Waste Profile - Recertification and the information in the Original Special Waste Profile is true, complete and accurate.	
Jennifer Brandon/Environmental Compliance Coordinator Authorized Representative Name And Title (Printed)	Clayton County Water Authority Company Name
 Authorized Representative Signature	1-24-17 Date





### SPECIAL WASTE PROFILE - RECERTIFICATION

Saveable fill-in form Restricted printing until all required (yellow) fields are completed

Disposal Facility: 3708 Pine Ridge LF GA

Waste Profile #

#### I. Generator Information

Generator Name: Clayton County Water Authority Casey Pelletizing WRF			
Generator Site Address: 8890 Roberts Rd.			
City: Jonesboro	County: Clayton	State: Georgia	Zip: 30238
State ID/Reg No:	State Approval/Waste Code:		NAICS #:
Generator Mailing Address (if different): <input type="checkbox"/> 8890 Roberts Rd.			
City: Jonesboro	County:	State: Georgia	Zip: 30238
Generator Contact Name: Jennifer Brandon/Dan Doss		Email: dan.doss@ccwa.us	
Phone Number: (770) 302-3457		Fax Number:	

#### II. Waste Stream Information

Name of Waste: Pelletizing Sludge Cake	
Check Section 1 OR Section 2 below:	
1. <input type="checkbox"/>	<p><u>There has been a change</u> in the characteristics of the waste stream due to the following:</p> <ul style="list-style-type: none"> <li>a. Change of a raw material used in the waste generating process.</li> <li>b. Change in the waste generating process itself.</li> <li>c. Change in a physical characteristic of the waste.</li> <li>d. New information has been documented concerning the human health effects of exposure to the waste.</li> </ul> <p>If any of these changes have occurred, a new laboratory analysis and profile sheet must be completed. Attach copies of the new chemical analysis and new Special Waste Profile with the appropriate signatures.</p>
2. <input checked="" type="checkbox"/>	<p><u>There have been no changes</u> that would alter the physical characteristics of the special waste stream. Updated analytical may be required.</p>

#### III. Representative Sample Certification

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?		<input type="checkbox"/> No Sample Taken
		<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input checked="" type="checkbox"/> COMPOSITE SAMPLE <input checked="" type="checkbox"/> GRAB SAMPLE		
Sample Date: 10/19/2016		
Sample ID Numbers: Pelletizing Sludge Cake		

#### IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained in the Special Waste Profile - Recertification and the information in the Original Special Waste Profile is true, complete and accurate.	
Jennifer Brandon/Environmental Compliance Coordinator	Clayton County Water Authority
Authorized Representative Name And Title (Printed)	Company Name
	1-24-17
Authorized Representative Signature	Date