



PURCHASING DEPARTMENT
 1772 County Services Parkway
 Marietta, Georgia 30008-4012
 (770) 528-8400/FAX (770) 528-1154

Mark Kohntopp
 INTERIM DIRECTOR

ADDENDUM No. 1

**Sealed Bid # 12-5602
 Annual Contract
 Handling and Disposal Service of Municipal Dewatered Wastewater Sludge, Ash, and
 Miscellaneous Materials for Cobb County Water Reclamation Facilities**

DATE: October 17, 2011

Page 1 of 16

The following addendum hereby amends and/or modifies the Proposal Documents and specifications as originally issued for this project. All proposers are subject to the provisions of this Addendum.

Proposers shall acknowledge receipt of this addendum.
 Include this original form inside your proposal package.

This Addendum consists of:

- **Minutes of the October 12, 2011 Pre-Bid Meeting**
- **Pre-Bid Meeting Attendee List**
- **Site Visit Dates and Times**
- **Chemical Analysis Reports**
- **Sludge Production Spreadsheets**

All bids must be received before 12:00 (noon) by the Bid Opening date. Bids shall be delivered to Cobb County Purchasing Department, 1772 County Services Parkway, Marietta, GA 30008.

Electronic / faxed bid response will not be considered.

I acknowledge that I have received Addendum No. 1

**Sealed Bid # 12-5602
 Annual Contract
 Handling and Disposal Service of Municipal Dewatered Wastewater Sludge, Ash, and
 Miscellaneous Materials for Cobb County Water Reclamation Facilities**

 Company Name

 Signature

 Date Sent to Purchasing

 Please Print Name

Please sign, date, and return this form ONLY to:
 Cobb County Purchasing Department
 Fax #: 770-528-1154
 E-Mail: purchasing@cobbcounty.org

Please note: The deadline for questions is: **October 18, 2011** by 5:00 pm
 Any questions received after this deadline will not be considered.

PRE- BID CONFERENCE

SEALED BID # 12-5602
ANNUAL CONTRACT

HAULING AND DISPOSAL SERVICE OF MUNICIPAL DEWATERED WASTEWATER SLUDGE, ASH, AND
MISCELLANEOUS MATERIALS FOR COBB COUNTY WATER RECLAMATION FACILITIES
COBB COUNTY WATER DEPARTMENT
OCTOBER 12, 2011

REPRESENTATIVE NAME	COMPANY NAME & COMPLETE ADDRESS	PHONE (INCLUDE AREA CODE)	FAX # (INCLUDE AREA CODE)	E-MAIL ADDRESS
Bill Thomas	Cobb Co Purchasing			
Bob Hersick	CCWS			
Greg Stinson	Synagro Technologies	205-505-0214	205-884-1033	gstinson@synagro.com
STEFAN HRENIUC	CCWS			
STEVE HALL	TERRA RENEWAL 10 Commerce Trail Canton, GA 30121	770-845-0078	770-383-3621	STEVE.HALL@TERRARENEWAL.COM
DAVID CAGLE	Cowart	678-410 1919		dcagle@cowartmuck.com
Wayne King	ERTH	404-357-1000	770-487-3992	weking@erthproducts.com
TERRY FORGEY	CLEAN HARBORS	770-480-4078		FORGEY.TERRY@CLEANHARBORS.COM

PRE- BID CONFERENCE

SEALED BID # 12-5602
ANNUAL CONTRACT

HAULING AND DISPOSAL SERVICE OF MUNICIPAL DEWATERED WASTEWATER SLUDGE, ASH, AND
MISCELLANEOUS MATERIALS FOR COBB COUNTY WATER RECLAMATION FACILITIES
COBB COUNTY WATER DEPARTMENT
OCTOBER 12, 2011

REPRESENTATIVE NAME	COMPANY NAME & COMPLETE ADDRESS	PHONE (INCLUDE AREA CODE)	FAX # (INCLUDE AREA CODE)	E-MAIL ADDRESS
BRAD GARDNER	STI-6375 Discovery Blvd Mableton, GA	770-325-1816		BGARDNER@STAFFORDS LOGISTICS.COM
BRIAN NEDETTI	?	?		
DRENT SHOWS	Advanced Disposal 8880 Old Federal Rd, Ball Ground GA	404-597-6305	904-309-6658	jskows@advanceddisposal.com
DAVID HOLLINGSHEAD	SAATCHI 650 25th St NE Cleveland, TN 37311	423 303 7124	423 479 1952	DHOLLINGSHEAD@ SAATCHIENVIND.COM
Brett Harrell	Advanced Disposal 8880 Old Federal Rd Ball Ground Ga 30107	404 966 5804		bharrell@ advanceddisposal.com
Zach Poucher	Advanced Disposal 8880 Old Federal Rd Ball Ground, GA 30107	706-530-1498		zpoucher@ advanceddisposal.com
ADAM ADAMS	WASTE MANAGEMENT 13809 E Chickasaw Ave Ball Ground, GA 30107	770-616-0663	404-745-0467	AAdams@wm.com
Marco Brooks	Evergreen Waste, LLC 650 Fairburn Rd SW ATLANTA, GA 30331	(770)739-5600	(770)739-8002	Marco@eriwaste.com

PRE- BID CONFERENCE

SEALED BID # 12-5602
ANNUAL CONTRACT

HAULING AND DISPOSAL SERVICE OF MUNICIPAL DEWATERED WASTEWATER SLUDGE, ASH, AND
MISCELLANEOUS MATERIALS FOR COBB COUNTY WATER RECLAMATION FACILITIES
COBB COUNTY WATER DEPARTMENT
OCTOBER 12, 2011

REPRESENTATIVE NAME	COMPANY NAME & COMPLETE ADDRESS	PHONE (INCLUDE AREA CODE)	FAX # (INCLUDE AREA CODE)	E-MAIL ADDRESS
James Lewis	Lewis Brothers Hauling 2786 Old Country Lane	404-557-3629	770-482-7828	jlewis@lewis-trucking-and-grading.com
Jeff Wix	Cobb County Water 680 S. Cobb Dr. Marietta GA 30060	(770) 419-6244		Jeffrey.Wix@cobbcount.org
Dick Krause	Cobb County Water 680 S Cobb Drive Marietta, GA 30060	770-528-1031		dkrause@cobbcounty.org

Addendum 1
Annual Contract
Sealed Bid #12-5604
Full Service Maintenance Agreement- Electrical/Mechanical and
Electronic Equipment Repairs

Questions from Pre-Bid Meeting

Question 1 Is there a specific number of trailers required at each location?

Answer 1 No. The requirements are that there be sufficient trailers available at the site to ensure the process does not have to be delayed due lack of trailers to accept the sludge. Volume of sludge production and even the time of day can vary due to a number of reasons outside of our control. The Noonday facility usually operates with four trailers and the Northwest facility operates with 3 to 4 trailers per day.

Question 2 Is there a specific trailer size required; can the hauler use larger trailers to reduce the number of hauls?

Answer 2: There is not a required size. Current trailer length being used is 28 feet. Up to 30 feet should be workable. A site visit is recommended to confirm both trailer length and tractor/trailer height clearances.

Question 3 What are the times for loading?

Answer 3: The facilities operate 24/7, year round. Normal loading times start at 6:30 am and stop around 2:30 pm on a Monday through Friday schedule. Off hour operations and Weekend/Holiday sludge loading operations do occur for various reasons and the hauling party must be prepared for such requirements. They are expected to be the exception.

Question 4: Does the spreadsheet containing the number of hauls and the weights include the misc. items and ash as well as the sludge?

Answer 4: Yes

Question 5: Are visits to the sites available?

Answer 5: Visits to the sites are available and very much encouraged. We would like to combine as many tours as possible to minimize interruption of the facility operations. **The tour is set up for Thursday, October 20, 2011 at 10:00am. We will visit both sites starting at the Northwest WRF. Northwest WRF at 3740 Hwy. 293, Kennesaw, GA, 30144, (770)917-5194 followed by the Noonday WRF at 415 Shallowford Road, Kennesaw, GA 30144, (770)591-3165.**

Question 6: What is the start date for this contract?

Answer 6: The current contracts expire on October 31, 2011. The start date for this contract will be November 1, 2011.

Question 7: Are the contracts going to be combined (hauling and disposal) from now on?

Answer 7: If the combined contract runs smoothly and economically, it will probably continue to be a combined contract. However, the County reserves the right to separate the hauling and disposal facets of the contract for upcoming contracts, or to combine even further the hauling/disposal requirements if such proves to be advantageous to the County.

Question 8: What are normally scheduled loading hours?

Answer 8: See Answer 3

Question 9: Are “Yard Dogs” required?

Answer 9: Yes

Question 10: If there is an accident with or damage to the Yard Dog, who pays?

Answer 10: Working on response. Response will follow in later addendum.

Question 11: If the load is overweight who is responsible for penalties?

Answer 11: It is the drivers’ responsibility to haul legal loads. If he has questions about the loads weight he should have the load weighed and excess off loaded if necessary. Overweight loads have not been an issue overall. The sludge loads are usually quite consistent in density and weights are readily estimated by volume.

Question 12: How many trailers are currently operating at each site?

Answer: 12 Noonday uses four trailers and Northwest uses 3-4 trailers historically. In both cases, there are times when there is need to catch up on an inventory buildup for one reason or another when more trailers may be called in. This is an urgent situation and requires very quick response relative to getting additional trailers to the job.

Question 13: Bid Bond Requirement (Yes or No?)

Answer 13: NO

Question 14: Could I get a daily sludge production sheet for the last 2 months?

Answer 14: See attached Excel Spreadsheet.

Question 15: Are there chemical analyses available for the sludge?

Answer 15: Attached are chemical analysis reports for each of the two WRFs.

COBB COUNTY WATER SYSTEM
 ENVIRONMENTAL COMPLIANCE DIVISION
 METALS ANALYSIS REPORTS FOR JULY 2011
 NOONDAY WATER RECLAMATION FACILITY

METAL	INF	PRI EFF	EFF		MIXED LIQUOR		CAKE
UNITS	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>		<i>ppb</i>	<i>mg/kg</i>	<i>mg/kg</i>
Antimony	<5.0	<5.0	<5.0		<50.0	8.5	3.6
Arsenic	<5.0	<5.0	<5.0		<50.0	2.5	2.0
Barium	69.1	32.8	9.6		892.0	200.9	307.9
Beryllium	<1.0	<1.0	<1.0		<10.0	0.0	0.0
Boron	230.1	208.4	179.0		618.5	139.3	76.1
Cadmium	1.3	<0.7	<0.7		15.6	3.5	2.4
Chromium	15.7	6.7	<5.0		174.8	39.4	49.0
Copper	98.6	46.6	7.6		889.0	200.2	256.2
Lead	1.4	4.3	2.8		25.7	5.8	16.3
Molybdenum	9.5	6.2	<5.0		<50.0	11.1	11.0
Nickel	17.0	11.4	6.0		141.0	31.8	27.3
Selenium	<5.0	<5.0	<5.0		<50.0	0.0	0.0
Silver	6.8	<5.0	<5.0		<50.0	8.8	11.9
Thallium							
Zinc	137.4	52.5	12.8		952.0	214.4	409.6
UNITS	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>mg/kg</i>	<i>mg/kg</i>
Aluminum	1.0	0.4	0.0		8.3	1,869.4	3,409.3
Calcium	25.5	52.4	50.7		120.7	27,184.7	9,466.2
Iron	36.9	20.3	0.1		468.0	105,405.4	73,903.0
Magnesium	4.0	4.6	4.0		13.3	2,995.5	721.5
Manganese	0.8	0.5	0.0		14.0	3,153.2	1,223.6
Potassium	14.9	14.5	12.9		23.7	5,337.8	1,219.4
Sodium	42.9	47.6	47.3		40.5	9,121.6	217.3
Strontium	0.1	0.1	0.1		0.2	45.0	35.9
Phosphorus	9.0	4.0	0.1		91.8	20,675.7	24,839.7

COBB COUNTY WATER SYSTEM
 ENVIRONMENTAL COMPLIANCE DIVISION
 METALS ANALYSIS REPORTS FOR JULY 2011
 NORTHWEST WATER RECLAMATION FACILITY

METAL	INF	PRI INF	PRI EFF	EFF	MIXED LIQUOR		CAKE
UNITS	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>	<i>mg/kg</i>	<i>mg/kg</i>
Antimony	<5.0	<5.0	<5.0	<5.0	<50.0	7.9	6.4
Arsenic	<5.0	<5.0	<5.0	<5.0	<50.0	1.5	1.8
Barium	41.8	41.9	0.0	0.0	<50.0	0.0	165.6
Beryllium	<1.0	<1.0	<1.0	<1.0	<10.0	0.0	0.0
Boron	210.2	213.9	208.8	204.9	719.0	156.3	111.0
Cadmium	<0.7	0.9	<0.7	<0.7	19.7	4.3	4.8
Chromium	<5.0	14.9	9.8	<5.0	352.0	76.5	86.7
Copper	30.8	73.3	48.4	5.9	1,195.0	259.8	344.5
Lead	3.5	2.4	2.2	2.1	23.0	5.0	13.4
Molybdenum	<5.0	5.5	5.4	<5.0	61.0	13.3	11.8
Nickel	5.1	18.9	16.1	9.2	204.0	44.3	52.1
Selenium	<5.0	<5.0	<5.0	<5.0	<50.0	0.0	0.0
Silver	<5.0	<5.0	<5.0	<5.0	<50.0	2.4	3.4
Thallium							
Zinc	97.0	85.3	35.5	<10.0	893.0	194.1	442.3
UNITS	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>mg/kg</i>	<i>mg/kg</i>
Aluminum	1.8	1.9	0.8	0.0	82.7	17,978.3	19,809.5
Calcium	26.8	28.3	61.8	63.7	92.5	20,108.7	15,674.1
Iron	4.4	25.6	20.9	0.1	574.0	124,782.6	137,233.4
Magnesium	3.5	3.5	4.0	4.0	7.0	1,521.7	954.6
Manganese	0.2	0.3	0.2	0.0	4.9	1,065.2	917.4
Potassium	13.3	13.7	13.8	14.1	16.8	3,652.2	1,493.1
Sodium	42.5	43.7	44.5	51.4	38.2	8,304.3	499.1
Strontium	0.1	0.1	0.1	0.1	0.1	21.7	29.0
Phosphorus	5.1	4.5	2.7	0.0	64.3	13,978.3	21,453.7

COBB COUNTY WATER SYSTEM
 ENVIRONMENTAL COMPLIANCE DIVISION
 METALS ANALYSIS REPORTS FOR JUNE 2011
 NOONDAY WATER RECLAMATION FACILITY

METAL	INF	PRI EFF	EFF		MIXED LIQUOR		CAKE
UNITS	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>		<i>ppb</i>	<i>mg/kg</i>	<i>mg/kg</i>
Antimony	<5.0	<5.0	<5.0		<50.0	7.5	4.2
Arsenic	<5.0	<5.0	<5.0		<50.0	0.0	1.4
Barium	61.7	42.5	9.1		762.0	180.6	220.7
Beryllium	<1.0	<1.0	<1.0		<10.0	0.0	0.0
Boron	211.2	219.3	182.8		361.0	85.5	27.7
Cadmium	<0.7	<0.7	<0.7		<7.0	1.4	1.2
Chromium	15.7	7.0	<5.0		179.5	42.5	44.1
Copper	98.8	48.0	8.3		864.3	204.8	248.4
Lead	1.7	<1.0	<1.0		19.1	4.5	6.5
Molybdenum	8.1	<5.0	<5.0		<50.0	0.0	12.3
Nickel	16.4	11.4	5.4		130.0	30.8	26.5
Selenium	<5.0	<5.0	<5.0		<50.0	0.0	2.7
Silver	6.5	<5.0	<5.0		55.9	13.2	21.7
Thallium							
Zinc	118.4	49.9	11.8		850.0	201.4	408.5
UNITS	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>mg/kg</i>	<i>mg/kg</i>
Aluminum	1.0	0.4	0.0		9.0	2,132.7	3,580.1
Calcium	24.4	40.6	49.7		119.6	28,341.2	8,807.9
Iron	23.9	13.6	0.1		308.0	72,985.8	50,455.6
Magnesium	3.5	3.8	3.4		11.9	2,819.9	683.4
Manganese	0.8	0.5	0.0		14.0	3,327.0	1,402.8
Potassium	17.5	16.8	15.1		25.8	6,113.7	1,516.7
Sodium	45.6	48.1	48.5		43.1	10,213.3	265.8
Strontium	0.1	0.1	0.1		0.2	47.4	34.2
Phosphorus	8.5	4.2	0.1		89.3	21,161.1	24,664.0

COBB COUNTY WATER SYSTEM
 ENVIRONMENTAL COMPLIANCE DIVISION
 METALS ANALYSIS REPORTS FOR JUNE 2011
 NORTHWEST WATER RECLAMATION FACILITY

METAL	INF	PRI INF	PRI EFF	EFF	MIXED LIQUOR		CAKE
UNITS	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>	<i>ppb</i>	<i>mg/kg</i>	<i>mg/kg</i>
Antimony	<5.0	<5.0	<5.0	<5.0	<50.0	9.7	5.8
Arsenic	<5.0	<5.0	<5.0	<5.0	<50.0	0.0	1.9
Barium	46.6	49.9	33.0	20.3	422.0	85.1	214.2
Beryllium	<1.0	<1.0	<1.0	<1.0	<10.0	0.0	0.0
Boron	215.4	214.9	211.2	214.8	400.0	80.6	24.1
Cadmium	<0.7	<0.7	<0.7	<0.7	8.9	1.8	1.8
Chromium	5.3	16.9	13.4	<5.0	362.0	73.0	80.1
Copper	40.5	81.8	58.1	6.6	1,202.0	242.3	301.9
Lead	1.3	1.3	<1.0	<1.0	13.8	2.8	7.6
Molybdenum	<5.0	<5.0	<5.0	<5.0	<50.0	0.0	12.8
Nickel	7.7	19.3	18.4	10.1	219.0	44.2	51.0
Selenium	<5.0	<5.0	<5.0	<5.0	<50.0	0.0	2.4
Silver	<5.0	<5.0	<5.0	<5.0	<50.0	2.8	4.2
Thallium							
Zinc	91.7	105.0	40.9	<10.0	894.0	180.2	412.2
UNITS	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>ppm</i>	<i>mg/kg</i>	<i>mg/kg</i>
Aluminum	1.6	2.0	0.8	0.0	82.3	16,592.7	17,727.0
Calcium	27.8	32.5	63.1	63.7	106.0	21,371.0	16,285.8
Iron	6.7	21.1	19.9	0.1	419.0	84,475.8	80,893.6
Magnesium	3.1	3.3	3.5	3.4	7.1	1,431.5	747.4
Manganese	0.2	0.3	0.3	0.1	6.6	1,330.6	1,124.2
Potassium	15.7	16.1	16.0	16.1	20.2	4,072.6	1,949.8
Sodium	45.4	45.3	45.7	48.5	41.3	8,326.6	523.0
Strontium	0.1	0.1	0.1	0.1	0.1	20.2	28.8
Phosphorus	5.5	5.9	3.3	0.1	72.5	14,616.9	22,367.7

Analytical Environmental Services, Inc

Date: 28-Jan-11

Client: Cobb County Water System	Client Sample ID: ND011911-17
Project: Noonday WRF Cake	Collection Date: 1/19/2011 10:05:00 AM
Lab ID: 1101C66-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILES, TCLP SW1311/8260B					(SW1311)			
1,1-Dichloroethene	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
1,2-Dichloroethane	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
2-Butanone	1.8	0.20		mg/L	141187	20	01/27/2011 12:37	AR
Benzene	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
Carbon tetrachloride	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
Chlorobenzene	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
Chloroform	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
Tetrachloroethene	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
Trichloroethene	BRL	0.10		mg/L	141187	20	01/27/2011 12:37	AR
Vinyl chloride	BRL	0.040		mg/L	141187	20	01/27/2011 12:37	AR
Surr: 4-Bromofluorobenzene	100	64.4-125		%REC	141187	20	01/27/2011 12:37	AR
Surr: Dibromofluoromethane	97.7	79.8-123		%REC	141187	20	01/27/2011 12:37	AR
Surr: Toluene-d8	91.3	78.3-116		%REC	141187	20	01/27/2011 12:37	AR
SEMIVOLATILES ORGANICS, TCLP SW1311/8270D					(SW3510B)			
1,4-Dichlorobenzene	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
2,4,5-Trichlorophenol	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
2,4,6-Trichlorophenol	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
2,4-Dinitrotoluene	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Hexachlorobenzene	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Hexachlorobutadiene	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Hexachloroethane	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
m,p-Cresol	1.9	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Nitrobenzene	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
o-Cresol	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Pentachlorophenol	BRL	0.50		mg/L	141040	1	01/26/2011 19:37	YH
Pyridine	BRL	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Cresols, Total	1.9	0.10		mg/L	141040	1	01/26/2011 19:37	YH
Surr: 2,4,6-Tribromophenol	72.1	49.9-152		%REC	141040	1	01/26/2011 19:37	YH
Surr: 2-Fluorobiphenyl	77.4	53.9-128		%REC	141040	1	01/26/2011 19:37	YH
Surr: 2-Fluorophenol	80.1	46.7-126		%REC	141040	1	01/26/2011 19:37	YH
Surr: 4-Terphenyl-d14	66.5	47.4-147		%REC	141040	1	01/26/2011 19:37	YH
Surr: Nitrobenzene-d5	86.3	51.4-132		%REC	141040	1	01/26/2011 19:37	YH
Surr: Phenol-d5	75.6	42.9-125		%REC	141040	1	01/26/2011 19:37	YH
PESTICIDES, TCLP SW1311/8081B					(SW3510B)			
Chlordane	BRL	0.0050		mg/L	141191	1	01/27/2011 12:56	KD
Endrin	BRL	0.0010		mg/L	141191	1	01/27/2011 12:56	KD
gamma-BHC	BRL	0.00050		mg/L	141191	1	01/27/2011 12:56	KD
Heptachlor	BRL	0.00050		mg/L	141191	1	01/27/2011 12:56	KD
Heptachlor epoxide	BRL	0.00050		mg/L	141191	1	01/27/2011 12:56	KD

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value
 E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value

Analytical Environmental Services, Inc

Date: 28-Jan-11

Client: Cobb County Water System	Client Sample ID: ND011911-17
Project: Noonday WRF Cake	Collection Date: 1/19/2011 10:05:00 AM
Lab ID: 1101C66-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PESTICIDES, TCLP SW1311/8081B					(SW3510B)			
Methoxychlor	BRL	0.0050		mg/L	141191	1	01/27/2011 12:56	KD
Toxaphene	BRL	0.050		mg/L	141191	1	01/27/2011 12:56	KD
Surr: Decachlorobiphenyl	59.4	32.8-117		%REC	141191	1	01/27/2011 12:56	KD
Surr: Tetrachloro-m-xylene	62.5	23.5-110		%REC	141191	1	01/27/2011 12:56	KD
MERCURY, TCLP SW1311/7470A					(SW7470)			
Mercury	BRL	0.00400		mg/L	141045	1	01/25/2011 15:15	JY
ICP METALS, TCLP SW1311/6010C					(SW3010A)			
Arsenic	BRL	0.250		mg/L	140979	1	01/26/2011 20:47	MP
Barium	BRL	0.500		mg/L	140979	1	01/26/2011 20:47	MP
Cadmium	BRL	0.0250		mg/L	140979	1	01/26/2011 20:47	MP
Chromium	BRL	0.0500		mg/L	140979	1	01/26/2011 20:47	MP
Lead	BRL	0.0500		mg/L	140979	1	01/26/2011 20:47	MP
Selenium	BRL	0.100		mg/L	140979	1	01/26/2011 20:47	MP
Silver	BRL	0.0250		mg/L	140979	1	01/26/2011 20:47	MP
HERBICIDES, TCLP SW1311/8151A					(SW3510B)			
2,4,5-TP (Silvex)	BRL	0.20		mg/L	141165	1	01/27/2011 15:44	AK
2,4-D	BRL	0.20		mg/L	141165	1	01/27/2011 15:44	AK
Surr: DCAA	97	43.9-145		%REC	141165	1	01/27/2011 15:44	AK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	

Analytical Environmental Services, Inc

Date: 26-Jan-11

Client: Cobb County Water System	Client Sample ID: NW011411-17
Project: Northwest WRF Cake	Collection Date: 1/14/2011 11:05:00 AM
Lab ID: 1101992-001	Matrix: Solid

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILES, TCLP SW1311/8260B		(SW1311)						
1,1-Dichloroethene	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
1,2-Dichloroethane	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
2-Butanone	0.63	0.20		mg/L	140893	20	01/24/2011 14:02	NK
Benzene	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
Carbon tetrachloride	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
Chlorobenzene	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
Chloroform	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
Tetrachloroethene	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
Trichloroethene	BRL	0.10		mg/L	140893	20	01/24/2011 14:02	NK
Vinyl chloride	BRL	0.040		mg/L	140893	20	01/24/2011 14:02	NK
Surr: 4-Bromofluorobenzene	93.9	64.4-125		%REC	140893	20	01/24/2011 14:02	NK
Surr: Dibromofluoromethane	95.1	79.8-123		%REC	140893	20	01/24/2011 14:02	NK
Surr: Toluene-d8	91.8	78.3-116		%REC	140893	20	01/24/2011 14:02	NK
SEMIVOLATILES ORGANICS, TCLP SW1311/8270D		(SW3510B)						
1,4-Dichlorobenzene	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
2,4,5-Trichlorophenol	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
2,4,6-Trichlorophenol	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
2,4-Dinitrotoluene	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Hexachlorobenzene	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Hexachlorobutadiene	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Hexachloroethane	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
m,p-Cresol	0.56	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Nitrobenzene	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
o-Cresol	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Pentachlorophenol	BRL	0.50		mg/L	140909	1	01/21/2011 14:30	YH
Pyridine	BRL	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Cresols, Total	0.56	0.10		mg/L	140909	1	01/21/2011 14:30	YH
Surr: 2,4,6-Tribromophenol	96.4	49.9-152		%REC	140909	1	01/21/2011 14:30	YH
Surr: 2-Fluorobiphenyl	94.2	53.9-128		%REC	140909	1	01/21/2011 14:30	YH
Surr: 2-Fluorophenol	92.7	46.7-126		%REC	140909	1	01/21/2011 14:30	YH
Surr: 4-Terphenyl-d14	99.5	47.4-147		%REC	140909	1	01/21/2011 14:30	YH
Surr: Nitrobenzene-d5	98.9	51.4-132		%REC	140909	1	01/21/2011 14:30	YH
Surr: Phenol-d5	88	42.9-125		%REC	140909	1	01/21/2011 14:30	YH
PESTICIDES, TCLP SW1311/8081B		(SW3510B)						
Chlordane	BRL	0.0050		mg/L	140919	1	01/24/2011 14:52	KD
Endrin	BRL	0.0010		mg/L	140919	1	01/24/2011 14:52	KD
gamma-BHC	BRL	0.00050		mg/L	140919	1	01/24/2011 14:52	KD
Heptachlor	BRL	0.00050		mg/L	140919	1	01/24/2011 14:52	KD
Heptachlor epoxide	BRL	0.00050		mg/L	140919	1	01/24/2011 14:52	KD

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	

Analytical Environmental Services, Inc

Date: 26-Jan-11

Client: Cobb County Water System	Client Sample ID: NW011411-17
Project: Northwest WRF Cake	Collection Date: 1/14/2011 11:05:00 AM
Lab ID: 1101992-001	Matrix: Solid

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PESTICIDES, TCLP SW1311/8081B					(SW3510B)			
Methoxychlor	BRL	0.0050		mg/L	140919	1	01/24/2011 14:52	KD
Toxaphene	BRL	0.050		mg/L	140919	1	01/24/2011 14:52	KD
Surr: Decachlorobiphenyl	85.5	32.8-117		%REC	140919	1	01/24/2011 14:52	KD
Surr: Tetrachloro-m-xylene	79.2	23.5-110		%REC	140919	1	01/24/2011 14:52	KD
MERCURY, TCLP SW1311/7470A					(SW7470)			
Mercury	BRL	0.00400		mg/L	140914	1	01/21/2011 16:06	JY
ICP METALS, TCLP SW1311/6010C					(SW3010A)			
Arsenic	BRL	0.250		mg/L	140855	1	01/20/2011 16:45	MP
Barium	BRL	0.500		mg/L	140855	1	01/20/2011 16:45	MP
Cadmium	BRL	0.0250		mg/L	140855	1	01/20/2011 16:45	MP
Chromium	BRL	0.0500		mg/L	140855	1	01/20/2011 16:45	MP
Lead	BRL	0.0500		mg/L	140855	1	01/20/2011 16:45	MP
Selenium	BRL	0.100		mg/L	140855	1	01/20/2011 16:45	MP
Silver	BRL	0.0250		mg/L	140855	1	01/20/2011 16:45	MP
HERBICIDES, TCLP SW1311/8151A					(SW3510B)			
2,4,5-TP (Silvex)	BRL	0.20		mg/L	141001	1	01/24/2011 18:30	AK
2,4-D	BRL	0.20		mg/L	141001	1	01/24/2011 18:30	AK
Surr: DCAA	97.9	43.9-145		%REC	141001	1	01/24/2011 18:30	AK

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value

Noonday, August '11 Sludge Hauling Report

Date	Manifest #	Ticket #	Trailer # D	Tons
1-Aug				
1-Aug				
1-Aug			1	19
2-Aug			4	85
2-Aug				
2-Aug				
3-Aug			2	37
3-Aug				
4-Aug			1	19
5-Aug			1	20
5-Aug				
5-Aug				
8-Aug				
9-Aug			1	20
9-Aug				
9-Aug				
10-Aug			1	21
10-Aug				
11-Aug			4	82
11-Aug				
12-Aug			3	63
12-Aug				
12-Aug				
15-Aug				
15-Aug			2	40
16-Aug			4	89
16-Aug				
17-Aug			1	22
17-Aug				
17-Aug				
18-Aug			3	61
18-Aug				
18-Aug				
19-Aug				
19-Aug				
20-Aug				
22-Aug				
22-Aug				
23-Aug			2	45
23-Aug				
23-Aug				
24-Aug			4	84
24-Aug				
24-Aug				
25-Aug			3	64
25-Aug				
25-Aug				
26-Aug				
29-Aug			1	16
29-Aug				
30-Aug			3	60
30-Aug				
31-Aug			4	79
31-Aug				
31-Aug				
Totals:			45	926

Noonday, '11 Sludge Hauling Report

Date	Manifest #	Ticket #	Trailer # D	Tons
1-Sep			3	65
1-Sep				
1-Sep				
2-Sep				
2-Sep				
5-Sep				
5-Sep				
6-Sep			3	23
7-Sep			4	84
7-Sep				
7-Sep				
7-Sep				
8-Sep			3	40
8-Sep				
9-Sep				
12-Sep			1	22
13-Sep			2	42
13-Sep				
13-Sep				
13-Sep				
14-Sep			3	59
14-Sep				
14-Sep				
15-Sep			3	60
15-Sep				
16-Sep			3	66
16-Sep				
16-Sep				
16-Sep				
19-Sep			2	44
19-Sep				
20-Sep			2	45
20-Sep				
20-Sep				
21-Sep			4	89
21-Sep				
21-Sep				
21-Sep				
22-Sep			3	55
22-Sep				
22-Sep				
22-Sep				
23-Sep				
23-Sep				
26-Sep			1	19
26-Sep				
26-Sep				
27-Sep			3	59
27-Sep				
28-Sep			3	61
28-Sep				
28-Sep				
28-Sep				
29-Sep			2	42
29-Sep				
30-Sep			2	36
30-Sep				
30-Sep				
30-Sep				
Totals:			47	911

Northwest Monthly Sludge Hauling Report

Date	Manifest #	Ticket #	Trailer #	D	Tons
1-Aug	482894	958528	24		22.58
1-Aug	482895	958651	40		22.08
1-Aug	482896	958709	24		23.12
2-Aug	446588	958784	27		21.95
2-Aug	446589	958777	43		21.83
2-Aug	482897	958877	42		21.8
3-Aug	482899	959126	24		20.92
3-Aug	482898	959067	26		21.48
3-Aug	482901	959204	26		20.71
3-Aug	482902	959259	37		22.29
3-Aug	482900	959136	34		21.16
4-Aug	482903	959395	34		16.49
5-Aug	482904	959518	26		19.63
5-Aug	482905	959484	33		20.54
5-Aug	482905	959484	33		20.54
8-Aug	482906	959900	27		22.97
9-Aug	482907	960088	33		21.66
9-Aug	482909	960151	43		22.52
9-Aug	482908	960166	42		21.43
10-Aug	482910	950229	39		20.85
10-Aug	482911	960372	33		20.11
11-Aug	482913	960503	34		19.8
11-Aug	482912	960537	39		23.24
12-Aug	482914	960742	21		20.17
12-Aug	482915	960819	34		21.72
12-Aug	482916	960857	26		20.62
15-Aug	482917	960962	35		20.2
15-Aug	482918	961105	31		19.69
16-Aug	482919	961234	35		19.52
16-Aug	482921	961375	37		20.98
17-Aug	482923	961602	39		20.56
17-Aug	482922	961525	35		20.79
17-Aug	482920	961538	25		21.85
18-Aug	482926	961881	40		21.25
18-Aug	482924	961766	35		21.51
18-Aug	482925	961870	33		22.15
19-Aug	482927	962009	36		20.89
19-Aug	482928	962045	22		20.64
20-Aug	482929	962153	38		21.09
22-Aug	482930	962221	40		20.87
22-Aug	482931	962377	22		20.48
23-Aug	482932	962551	28		19.47
23-Aug	482933	952543	40		20.57
23-Aug	482934	962621	22		20.3
24-Aug	482937	962848	43		19.8
24-Aug	482936	962786	25		21.3
24-Aug	482935	962768	31		22.18
25-Aug	482939	962980	41		21.19
25-Aug	482940	963070	32		18.18
25-Aug	482938	963018	38		21.8
26-Aug	482941	963121	39		22.09
26-Aug	482944	963292	39		21.63
26-Aug	482942	963155	40		21.29
26-Aug	482943	963253	20		20.43
29-Aug	482945	963497	22		20.15
29-Aug	482946	963526	20		20.83
30-Aug	482947	963665	23		20.6
30-Aug	482948	963731	21		21.12
31-Aug	482950	963795	31		21.88
31-Aug	482949	963867	21		20.46
31-Aug	482951	953940	37		20.93
Totals:			60		1,258.30

Northwest Monthly Sludge Hauling Report

Date	Manifest #	Ticket #	Trailer #	D	Tons
1-Sep	482954	964113	21		20.07
1-Sep	482952	946080	39		19.91
1-Sep	482953	964071	31		21.76
2-Sep	482955	964255	22		20.55
2-Sep	482956	964317	30		21.99
5-Sep	482957	954430	34		23.5
5-Sep	482959	964455	39		22.9
5-Sep	482958	964440	36		23.63
6-Sep	482960	964608	25		18.84
7-Sep	482963	964789	39		19.86
7-Sep	482964	964804	32		21.21
7-Sep	482961	964756	36		18.59
7-Sep	482962	964718	34		19.73
7-Sep	446637	964689	21		21.62
8-Sep	482966	964994	33		21.17
8-Sep	482965	964936	34		22.14
9-Sep	482969	965096	34		21.41
9-Sep	482967	965110	25		20.48
9-Sep	482968	965113	24		19.84
9-Sep	482970	965154	29		20.99
10-Sep	472971	965252	42		20.9
13-Sep	482975	965656	24		21.99
13-Sep	482973	965596	27		20.99
13-Sep	482976	965696	37		21.16
13-Sep	482972	965616	25		20.67
13-Sep	482974	965564	28		22.69
14-Sep	482978	965863	42		21.15
14-Sep	482977	965800	34		21.21
14-Sep	482979	965914	37		21.37
15-Sep	482980	966003	32		19.96
15-Sep	482982	955075	35		19.87
16-Sep	482981	966143	42		18.56
16-Sep	482983	966166	28		20.87
16-Sep	482984	966255	31		21.1
16-Sep	482986	966452	35		20.97
19-Sep	482987	966522	31		20.87
19-Sep	482985	955536	42		20.3
20-Sep	482988	966619	26		19.85
20-Sep	482989	966605	37		21.62
20-Sep	482990	955750	42		20.11
21-Sep	482992	955908	26		19.69
21-Sep	482991	966846	37		20.16
21-Sep	482992	966908	26		19.69
21-Sep	482993	966931	23		21.32
21-Sep	482994	966984	37		20.32
22-Sep	482995	967070	43		19.92
22-Sep	482996	967101	22		20.04
22-Sep	446669	967174	39		22.46
22-Sep	446667	967013	40		19.89
22-Sep	446668	967087	31		17.78
23-Sep	482997	967281	43		18.09
23-Sep	482998	967358	27		18.55
26-Sep	482999	967512	23		19.45
26-Sep	483000	967936	43		19.99
26-Sep	483001	967640	28		19.24
27-Sep	483002	967682	22		17.86
27-Sep	483003	967851	39		20.57
28-Sep	483004	967887	22		19.55
28-Sep	482005	967888	27		19.4
28-Sep	483006	967992	24		21.59
28-Sep	483007	968034	27		19.2
29-Sep	483008	968095	30		19.98
29-Sep	483009	968233	24		20.57
30-Sep	483011	968274	34		20.69
30-Sep	483010	968337	30		21.8
30-Sep	483012	968381	22		21.62
30-Sep	483013	968428	20		20.42
Totals:			66		1,356.17