



CITY OF NORTH PORT
REQUEST LETTER OF INTEREST (RLI NO. 2020-60)
LEACHATE TREATMENT AND DISPOSAL

Date: 4/22/2020

Page: 1 of 12

THIS IS NOT AN ORDER

CITY OF NORTH PORT

4970 City Hall Blvd.
North Port, FL 34286

Contact Person: Alla V. Skipper, CPPB, Senior Contract
Administrator
Contact Phone: 941-429-7172
Temporary City Cell No.: 941.705.8883
Contact Email: purchasing@cityofnorthport.com

Reply No Later Than: April 29, 2020 @ 2:00 p.m. (EDT)

KEY DATES:

1. **LAST DAY FOR QUESTIONS: APRIL 27, 2020 AT 2:00 P.M.**
If you have any questions, concerns, or problems accessing the RLI package using the link, please contact the Purchasing representative referenced above. Request for additional information or clarification regarding the specifications must be sent via email to purchasing@cityofnorthport.com. **No verbal requests will be honored.**
2. **RLI DUE DATE: APRIL 29, 2020 AT 2:00 P.M.** *Late responses will not be considered. All submittals in response to the RLI shall be made electronically to purchasing@cityofnorthport.com.*

The City of North Port is currently accepting Letters of Interest from all the firms interested in treatment and disposal services for leachate water at the Pan American Blvd Wastewater Treatment Plant.

INTENT

The City of North Port is Requesting Letters of Interest (RLI) from interested firms for the treatment and disposal of leachate water at the City's wastewater treatment facility located at 5355 Pan American Blvd, North Port, Florida, in maximum quantities of up to 25,000 gallons a day and 125,000 gallons a week, and subject to the following conditions:

DELIVERY

The Firm must notify the Facility superintendent and Water and Wastewater Plant Manager at least 24-hours before the Firm intends to deliver leachate water to the Facility for treatment or disposal. Notice must include the estimated quantity of leachate water to be disposed and the proposed delivery schedule.

TRANSPORTATION AND DISCHARGE

The firm is responsible for transporting its leachate water to the facility, and for all leachate water discharged into the facility. The City will direct the Firm to the facility discharge location designated for the discharge of the firm's leachate water.

CONCENTRATION

The firm's leachate water quality concentrations must be no greater than normal wastewater, having an average concentration of suspended solids and biochemical oxygen demand ("BOD") of not more than 250 milligrams per liter {"mg/L"}, total phosphorus of not more than 15 mg/l, and total Kjeldahl nitrogen of not more than 400 mg/L.

TESTING AND SAMPLING

- A. The City may test or sample the firm's leachate water at any time during its transfer into the facility or the City's wastewater system.
- B. The firm must test its leachate water quarterly for all required constituents (see attached list) and provide all test results to the City within five business days of receipt.
- C. The Firm must test its leachate water as required by the Plant's operating permit, and provide all test results to the City within five business days of receipt.
- D. Additional samples, testing, monitoring points, or parameters may be required based on need or operational changes of either party.

RIGHT OF REFUSAL

At any time and before leachate water can be transferred into the facility, the City may require additional pre-treatment or an additional restriction, or may refuse to accept any portion of the firm's leachate water, where test results indicate, or the City reasonably believes, that any one of the following exist:

- A. The leachate water contains contaminants which could prove detrimental to the operational efficiency and effectiveness of the facility or that are in violation of any Federal or State permitting requirements;
- B. The City is unable to adequately treat the firm's leachate water in accordance with the facility's Federal or State operating permits;
- C. The firm fails to timely provide current testing and sampling results as required;
- D. Any other reason where the facility superintendent and Water and Wastewater Manager believe that acceptance is not in the best interest of the City.

ADDITIONAL CONSIDERATIONS

In addition to a per gallon processing fee, the firm will be responsible for the following costs:

- A. Reimbursement for the full cost of annual sludge testing required for the City to maintain its Federal and State wastewater treatment operating permits.
- B. Reimbursement for the full cost of analyzing the firm's leachate water as required for the City to comply and maintain its Federal and State wastewater treatment operating permits.

TERM

The City seeks to enter into a non-exclusive contract with a term of two years.

SUBMITTAL REQUIREMENTS FOR LETTER OF INTEREST

Your letter should contain the following:

1. Response Cover Sheet with proposed price per gallon
2. Name and address of the firm/individual responding this is to include Principal Officers and Owners
3. Contact person, phone number and e-mail
4. Test results of leachate water sample performed by an independent laboratory

ATTACHMENTS

1. Conflict of Interest Form
2. Disclosure for Consultant, Engineer, Architect
3. Statement of Non-Submittal
4. Insurance Requirements
5. List of Required Constituents for Sampling

EVALUATION PROCESS AND CRITERIA:

Review of Proposals for Responsiveness

Each proposal will be reviewed to determine if the proposal is responsive to the submission requirements outlined in this Solicitation. A responsive proposal is one which follows the requirements of this Solicitation, includes all

documentation, is submitted in the format outlined in this Solicitation, is of timely submission, and has the appropriate signatures as required on each document. Failure to comply with these requirements may result in the proposal being deemed non-responsive.

CRITERIA FOR AWARD: The award will be based upon the highest price that meets compatibility of sampling, and terms and conditions of selected proposal to be deemed in the best interest of the City. The City of North Port reserves the right to reject any and all RLI, to waive any and all informalities and irregularities, and to accept or reject all or any part of any RLI as they deem to be in the best interest of the citizens of the City of North Port, or the City may reject RLI and re-advertise.

**Letter of Interest
RESPONSE COVER SHEET**

Proposers Name: Delta Pioneer INC

Proposers Address: 3629 miveda DR.

City/State/Zip: Sarasota, FL ~~3477~~ 34239

Phone: 941-359-2721 Fax: 941-866-3531

Email: JamesScott@Delta-Pioneer.com

PRICE PER GALLON: \$.04

I accept all the City terms and conditions stated in the intent above:

James Scott - VP-Co-owner
Print Name (binding Authority)

James Scott 4-23-2020
Signature and Date

CONFLICT OF INTEREST FORM

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

PART I.

- I am an employee, public officer or advisory board member of the City
_____ (List Position Or Board)
- I am the spouse or child of an employee, public officer or advisory board member of the City
Name: _____
- An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.
Name: _____
- Respondent employs or contracts with an employee, public officer or advisory board member of the City
Name: _____
- None Of The Above

PART II:

Are you going to request an advisory board member waiver?

- I will request an advisory board member waiver under §112.313(12)
- I will NOT request an advisory board member waiver under §112.313(12)
- N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any vendors whose conflicts are not waived or exempt.

COMPANY: Delta Pioneer INC.
SIGNATURE: James Scott - VP-Co-owner
DATE: 4-23-2020

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

DISCLOSURE FORM
FOR
CONSULTANT/ENGINEER/ARCHITECT

Please select (only) one of the following three options:

Our firm has no actual, potential, or reasonably perceived, **financial*** or **other interest**** in the outcome of the project.

Our firm has a potential or reasonably perceived **financial*** or **other interest**** in the outcome of the project as described here: _____.

Our firm proposes to mitigate the potential or perceived conflict according to the following plan:
_____.

Our firm has an actual **financial*** or **other interest**** in the outcome of the project as described here:
_____.

***What does "financial interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. An example would be ownership in physical assets affected by the government business choices related to this project. The possibility of contracting for further consulting services is not included in this definition and is not prohibited.

****What does "other interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to have political, legal or any other interests that will affect what goes into your firm's findings and recommendations, or will be/may be perceived to be affected by the government business choices related to this project, this must be listed as another interest.

BUSINESS NAME: _____

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): _____

SIGNATURE: _____ DATE: _____

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL

STATEMENT OF NON-SUBMITTAL

If you **do not** intend to submit a proposal on this service, please return this form to the above address immediately.

We the undersigned have declined to submit a proposal on the requested service for **RLI No. 2020-60: LEACHATE DISPOSAL** for the following reason(s):

- _____ Insufficient time to respond to the solicitation.
- _____ We do not offer this service.
- _____ Our schedule would not permit us to perform.
- _____ Unable to meet bond/insurance requirements.
- _____ Specifications or Scope of Service are unclear (explain below).
- _____ OTHER (please specify below).

N/A

Remarks _____

COMPANY NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

TELEPHONE: _____ FAX: _____

SIGNATURE: _____ DATE: _____

E-MAIL ADDRESS: _____

Note: Statement of Non-Submittal may be e-mailed or faxed in to the Purchasing Department at purchasing@cityofnorthport.com.

INSURANCE REQUIREMENTS: The successful Firm shall be required to supply, at their cost, the following minimum insurance coverage. **Limits and coverage subject to change depending on use and entity function.:**

A. Before performing any contract work, Firm shall procure and maintain during the life of the Contract the insurance listed below, unless otherwise specified. The policies of insurance shall be primary and written on forms acceptable to the City and placed with insurance carriers approved and licensed by the Insurance Department in the State of Florida and meet a minimum financial AM Best Company rating of no less than "Excellent." No changes are to be made to these specifications without prior written specific approval by the City Manager or designee. The City Manager or designee may alter the amounts or types of insurance policies required by this Contract upon agreement with Firm.

- i. **Workers Compensation and Employer's Liability:** Coverage to apply for all employees at the statutory limits provided by state and federal laws. The policy must include Consultant's Liability with a limit of \$1,000,000 each accident; \$1,000,000 each employee; and \$1,000,000 policy limit for disease.
- ii. **Comprehensive Commercial General Liability Insurance:** Occurrence form required. Aggregate must apply separately to this Contract. Minimum \$1,000,000 each occurrence; \$2,000,000 general aggregate; \$1,000,000 products and completed ops; and \$100,000 damage to rented premises.
- iii. **Automobile Insurance:** To include all vehicles owned, leased, hired and non-owned vehicles with limits of not less than \$1,000,000 per each accident and for property damage and bodily injury, with contractual liability coverage for all work performed under this Contract.
- iv. **Environmental/Pollution Liability:** A Pollution Liability policy is required with minimum limits of \$500,000 each occurrence and \$1,000,000 general aggregate. Occurrence form is required.
- v. **General requirements:** The City of North Port is to be named additional insured on the Comprehensive Commercial General Liability Policy and Commercial Automobile Policy. Certification of same shall be required. All certificates of insurance must be on file with and approved by the City before commencement of any work activities under this Contract.

Policies that include Self-Insured retention are not allowed and will not be accepted.

Any and all deductibles to the above referenced policies are to be the responsibility of the Consultant. The Consultant's insurance is considered primary for any loss regardless of any insurance maintained by the City. The Consultant is responsible for all insurance policy premiums, deductibles, or SIR (self-insured retentions) or any loss or portion of any loss that is not covered by any available insurance policy.

All insurance policies must be issued by companies of recognized responsibility licensed to do business in Florida and must contain a provision that prohibits cancellation unless the City is provided notice as stated within the policy. It is the Consultant's responsibility to provide notice to the City.

B. **WAIVER OF SUBROGATION:** All required insurance policies are to be endorsed with a waiver of subrogation. The insurance companies, by proper endorsement or thru other means, agree to waive all rights of subrogation against the City, its officers, officials, employees and volunteers, and the City's insurance carriers, for losses paid under the terms of these polices that arise from the contractual relationship or work performed by the Consultant for the City. It is the Consultant's responsibility to notify their insurance company of the Waiver of Subrogation and request written authorization or the proper endorsement. Additionally, the

Consultant, its officers, officials, agents, employees, volunteers, and any subcontractors, agree to waive all rights of subrogation against the City and its insurance carriers for any losses paid, sustained or incurred, but not covered by insurance, that arise from the contractual relationship or work performed. This waiver also applies to any deductibles or self-insured retentions the Consultant or its agents may be responsible for.

C. POLICY FORM:

- i. All policies, required by this Contract, with the exception of Workers Compensation, or unless specific approval is given by Risk Management through the City's Purchasing Office, are to be written on an occurrence basis, shall name the City of North Port, Florida, its Commissioners, officers, agents, employees and volunteers as additional insured as their interest may appear under this Contract. Insurer(s), with the exception of Workers Compensation, shall agree to waive all rights of subrogation against the City of North Port, Florida, its Commissioners, officers, agents, employees or volunteers.
- ii. Insurance requirements itemized in this Contract, and required of the Consultant, shall be provided by or on behalf of all subcontractors to cover their operations performed under this Contract. The CONSULTANT shall be held responsible for any modifications, deviations, or omissions in these insurance requirements as they apply to subcontractors.
- iii. Each insurance policy required by this Contract shall:
 - a. Apply separately to each insured against whom claim is made and suit is brought, except with respect to limits of the insurer's liability.
 - b. Be endorsed to state that coverage shall not be suspended, voided or cancelled by either party except after notice is delivered in accordance with the policy provisions. The Consultant is to notify the City Purchasing Office by written notice via certified mail, return receipt requested.
- iv. The City shall retain the right to review, at any time, coverage, form, and amount of insurance.
- v. The procuring of required policies of insurance shall not be construed to limit Consultant's liability nor to fulfill the indemnification provisions and requirements of this Contract. The extent of Consultant's liability for indemnity of the City shall not be limited by insurance coverage or lack thereof, or unreasonably delayed for any reason, including but not limited to, insurance coverage disputes between the Consultant and its carrier.
- vi. The Consultant shall be solely responsible for payment of all premiums for insurance contributing to the satisfaction of this Contract and shall be solely responsible for the payment of all deductibles and retentions to which such policies are subject, whether or not the City is an insured under the policy. Consultant's insurance is considered primary for any loss, regardless of any insurance maintained by the City. Consultant is responsible for all insurance policy premiums, deductibles, SIR (self-insured retentions) or any loss or portion of any loss that is not covered by any available insurance policy.
- vii. Claims Made Policies will be accepted for hazardous materials and such other risks as are authorized by the City's Purchasing Office. All Claims Made Policies contributing to the satisfaction of the insurance requirements herein shall have an extended reporting period option or automatic coverage of not less than two (2) years. If provided as an option, the Consultant agrees to purchase the extended reporting period on cancellation or termination unless a new policy is affected with a retroactive date, including at least the last policy year.
- viii. Certificates of Insurance evidencing Claims Made or Occurrences form coverage and conditions to this Contract, as well as the Contract number and description of work, are to be furnished to the City's Purchasing Office (4970 City Hall Boulevard, Suite 337, North Port, FL 34286)

prior to commencement of work AND a minimum of thirty (30) calendar days prior to expiration of the insurance contract when applicable. All insurance certificates shall be received by the City's Purchasing Office before the Consultant will be allowed to commence or continue work. The Certificate of Insurance issued by the underwriting department of the insurance carrier shall certify compliance with the insurance requirements provided herein.

ix. Notices of Accidents (Occurrences) and Notices of Claims associated with work being performed under this Contract shall be provided to the Consultant's insurance company and the City's Purchasing Office as soon as practicable after notice to the insured.

x. The Certificate of Insurance must include the following:

In the "Description of Operations/Special Provisions" section - "City of North Port is named as an additional insured, as their interests may appear on Commercial General Liability and Commercial Auto Policy."

In the "Certificate Holder" section

City of North Port
4970 City Hall Boulevard
North Port, FL 34286

Proposers should carefully review their existing insurances and consider their ability to meet these requirements prior to submission. The requirements should be forwarded to their agent, broker, and insurance providers for review.

Constituents for Sampling

The firm will test for the following constituents in order for the City to accept leachate water for treatment and disposal at the City's wastewater treatment facility. All leachate water samples will be collected directly from the delivery vehicle. Measurements are shown in mg/l unless otherwise noted or as required by the Florida Department of Environmental Protection.

QUARTERLY TESTING WILL DETERMINE LEVELS OF THE FOLLOWING:

1. Biochemical Oxygen Demand (BOD)
2. Dissolved Oxygen (DO)
3. Total Suspended Solids (TSS)
4. Total Kjeldahl Nitrogen (TKN)
5. NR4
6. Chemical Oxygen Demand (COD)
7. Arsenic
8. Cadmium
9. Chromium
10. Cooper
11. Selenium
12. Silver
13. Lead
14. Mercury
15. Molybdenum
16. Nickel
17. Zinc

Conventional Parameters:

Conductivity (umho/cm)	Iron
Total Organic Carbon	Manganese
Nitrate Nitrogen	Nickel
Sulfate	Strontium
Sulfide	Cyanide
Chlorides	Dissolved Oxygen Fluoride
Total Phosphorous	Total Nitrogen Organic Nitrogen Phosphates
Oxidation-Reduction Potential (Mv) Sodium	Aluminum
Potassium	Boron
Calcium	Antimony
Magnesium	Bromine
Silver	Bromates
Elemental Phosphorus	
Barium	
Aluminum Oxide	

Volatile Organic Compounds:

Benzene
Ethylbenzene
O-Xylene
Total BTEX
Y. Ethyltoluene
1,3,5 Trimethylbenzene 1,2,3 Trimethylbenzene Vinyl
Chloride
Trans -1, 2-Dichloroethene Trichloroethene
N-Propylbenzene
2-Propanol Chlorobenzene
1,1,1-Trichloromethane

Toluene
M.P. Xylene
Total Xylene
2-Ethyltoluene
Total Toluene
1,2,4 Trimethylbenzene
Total Trimethylbenzene
1,1-Dichloroethane
Carbon Tetrachloride
Perchloroethene
Isopropylbenzene
Tetrahydrofuran
1,4-Dichlorobenzene

Phenolic Compounds

Chlorinated Phenols Chlorinated Cresols
2,4-Dichlorophenol
2,4-Dinitrophenol Polychlorinated Biphenyl's

Trichlorophenols
2-Chlorophenol
Pentachlorophenol
Phenol

Pesticides

Aldrin
Chlordane
Demeton
Endrin
Heptachlor
Malathion
Mirex

Dieldrin
DDT
Endosulfan
Guthion
Lindane
Methoxychlor
Parathion



ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Thursday, September 26, 2019

Waste Corporation of America - Arcadia (WA055)

Attn: Jason Harris

14662 NE Hwy 70

Arcadia, FL 34266

RE: Laboratory Results for

Project Number: Desoto Leachate x2, Project Name/Desc: Desoto LF 2019 Leachate Sample

ENCO Workorder(s): AC06462

Dear Jason Harris,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, September 19, 2019.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative if applicable. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Kaitlin Dylnicki For Carlene S Pasipanki

Project Manager

Enclosure(s)



www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: Desoto Leachate x2	Lab ID: AC06462-01	Sampled: 09/18/19 07:00	Received: 09/19/19 08:00	
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
CALC	[CALC]	10/16/19	09/24/19 08:42	09/25/19 10:22
EPA 120.1	Same	10/16/19	09/20/19 15:45	09/20/19 15:45
EPA 200.7	EPA 200.7	03/16/20	09/24/19 08:55	09/25/19 10:55
EPA 351.2	Same	10/16/19	09/23/19 08:24	09/25/19 10:22
SM 2540D-2011	Same	09/25/19	09/19/19 15:40	09/20/19 13:10
SM 4500H+B-2011	Same	09/18/19 07:14	09/20/19 12:36	09/20/19 12:36
SM 5210 B-2011	Same	09/20/19 07:00	09/19/19 12:00	09/19/19 12:00
SM 5220D-2011	Same	10/16/19	09/21/19 10:25	09/23/19 18:05

Client ID: Desoto Leachate x2	Lab ID: AC06462-01RE1	Sampled: 09/18/19 07:00	Received: 09/19/19 08:00	
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 245.1	EPA 245.1	10/16/19	09/20/19 12:56	09/23/19 09:12
EPA 350.1	Same	10/16/19	09/24/19 08:42	09/24/19 11:50
EPA 365.4	Same	10/16/19	09/23/19 08:33	09/25/19 15:01



www.encolabs.com

SAMPLE DETECTION SUMMARY

Client ID: Desoto Leachate x2

Lab ID: AC06462-01

<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Arsenic - Total	788		40.0	50.0	ug/L	EPA 200.7	
Barium - Total	78.8		10.0	50.0	ug/L	EPA 200.7	
Biochemical Oxygen Demand	100		1.4	2.0	mg/L	SM 5210 B-2011	B-07
Chemical Oxygen Demand	2000		32	50	mg/L	SM 5220D-2011	
Chromium - Total	276		9.00	50.0	ug/L	EPA 200.7	
Organic Nitrogen	18		7.4	10	mg/L	CALC	
pH	7.6		1.0	1.0	pH Units	SM 4500H+B-2011	Q-01
Specific Conductance (EC) at 25 Deg C	6210		1.000	1.000	umhos/cm	EPA 120.1	
Temperature for pH (deg. C)	23				pH Units	SM 4500H+B-2011	Q-01
Total Kjeldahl Nitrogen	280		7.4	10	mg/L	EPA 351.2	
Total Suspended Solids	110		2.5	2.5	mg/L	SM 2540D-2011	

Client ID: Desoto Leachate x2

Lab ID: AC06462-01RE1

<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Ammonia as N	260		2.0	4.0	mg/L	EPA 350.1	
Phosphorus	0.63		0.040	0.060	mg/L	EPA 365.4	



ANALYTICAL RESULTS

Description: Desoto Leachate x2

Lab Sample ID: AC06462-01

Received: 09/19/19 08:00

Matrix: Water

Sampled: 09/18/19 07:00

Work Order: AC06462

Project: Desoto LF 2019 Leachate Sample

Sampled By: Jason Harris

Metals by EPA 200 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	9I20009	EPA 245.1	09/23/19 09:12	CRG	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	260		mg/L	200	2.0	4.0	9I24012	EPA 350.1	09/24/19 11:50	KGonz	
Biochemical Oxygen Demand^	100		mg/L	1	1.4	2.0	9I19032	SM 5210 B-2011	09/19/19 12:00	CSB	B-07
Chemical Oxygen Demand^	2000		mg/L	1	32	50	9I21001	SM 5220D-2011	09/23/19 18:05	DFC	
Organic Nitrogen	18		mg/L	200	7.4	10	[CALC]	CALC	09/25/19 10:22	KGonz	
pH^	7.6		pH Units	1	1.0	1.0	9I20024	SM 4500H+B-2011	09/20/19 12:36	SD	Q-01
Phosphorus [7723-14-0]^	0.63		mg/L	1	0.040	0.060	9I23017	EPA 365.4	09/25/19 15:01	KGonz	
Specific Conductance (EC) at 25 Deg C^	6210		umhos/cm	1	1.000	1.000	9I20023	EPA 120.1	09/20/19 15:45	SD	
Temperature for pH (deg. C)	23		pH Units	1			9I20024	SM 4500H+B-2011	09/20/19 12:36	SD	Q-01
Total Kjeldahl Nitrogen^	280		mg/L	100	7.4	10	9I23014	EPA 351.2	09/25/19 10:22	KGonz	
Total Suspended Solids^	110		mg/L	1	2.5	2.5	9I19044	SM 2540D-2011	09/20/19 13:10	SSE	

Metals by EPA 200 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	788		ug/L	5	40.0	50.0	9I24003	EPA 200.7	09/25/19 10:55	ACV	
Barium [7440-39-3]^	78.8		ug/L	5	10.0	50.0	9I24003	EPA 200.7	09/25/19 10:55	ACV	
Cadmium [7440-43-9]^	2.25	U	ug/L	5	2.25	10.0	9I24003	EPA 200.7	09/25/19 10:55	ACV	R-01
Chromium [7440-47-3]^	276		ug/L	5	9.00	50.0	9I24003	EPA 200.7	09/25/19 10:55	ACV	
Lead [7439-92-1]^	19.0	U	ug/L	5	19.0	50.0	9I24003	EPA 200.7	09/25/19 10:55	ACV	R-01
Selenium [7782-49-2]^	50.0	U	ug/L	5	50.0	200	9I24003	EPA 200.7	09/25/19 10:55	ACV	QB-02, R-01
Silver [7440-22-4]^	3.70	U	ug/L	5	3.70	50.0	9I24003	EPA 200.7	09/25/19 10:55	ACV	QB-02, R-01

QUALITY CONTROL DATA

Metals by EPA 200 Series Methods - Quality Control

Batch 9I19016 - EPA 7470A

Blank (9I19016-BLK1)

Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:40

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0230	U	0.200	ug/L							

Blank (9I19016-BLK2)

Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:43

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.230	U	2.00	ug/L							

LCS (9I19016-BS1)

Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:46

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.31		0.200	ug/L	5.00		106	85-115			

Matrix Spike (9I19016-MS1)

Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:53

Source: AC06477-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	52.3		2.00	ug/L	50.0	0.230 U	105	70-130			

Matrix Spike Dup (9I19016-MSD1)

Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:56

Source: AC06477-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	50.9		2.00	ug/L	50.0	0.230 U	102	70-130	3	10	

Batch 9I20009 - EPA 7470A

Blank (9I20009-BLK1)

Prepared: 09/20/2019 12:56 Analyzed: 09/23/2019 08:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0230	U	0.200	ug/L							

Blank (9I20009-BLK2)

Prepared: 09/20/2019 12:56 Analyzed: 09/23/2019 08:50

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.230	U	2.00	ug/L							

LCS (9I20009-BS1)

Prepared: 09/20/2019 12:56 Analyzed: 09/23/2019 08:53

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.14		0.200	ug/L	5.00		103	85-115			

Matrix Spike (9I20009-MS1)

Prepared: 09/20/2019 12:56 Analyzed: 09/23/2019 08:59

Source: AC06573-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	51.5		2.00	ug/L	50.0	0.230 U	103	70-130			

Matrix Spike Dup (9I20009-MSD1)

Prepared: 09/20/2019 12:56 Analyzed: 09/23/2019 09:02

Source: AC06573-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL DATA

Metals by EPA 200 Series Methods - Quality Control

Batch 9I20009 - EPA 7470A - Continued

Matrix Spike Dup (9I20009-MSD1) Continued

Prepared: 09/20/2019 12:56 Analyzed: 09/23/2019 09:02

Source: AC06573-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	54.9		2.00	ug/L	50.0	0.230 U	110	70-130	6	10	

Classical Chemistry Parameters - Quality Control

Batch 9I19032 - NO PREP

Blank (9I19032-BLK1)

Prepared & Analyzed: 09/19/2019 12:00

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Biochemical Oxygen Demand	1.4	U	2.0	mg/L							

LCS (9I19032-BS1)

Prepared & Analyzed: 09/19/2019 12:00

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Biochemical Oxygen Demand	160		2.0	mg/L	198		79	85-115			B-07

Duplicate (9I19032-DUP1)

Prepared & Analyzed: 09/19/2019 12:00

Source: AC05613-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Biochemical Oxygen Demand	4.1		2.0	mg/L		3.8			8	30	B-06, B-07

Batch 9I19044 - NO PREP

Blank (9I19044-BLK1)

Prepared: 09/19/2019 15:40 Analyzed: 09/20/2019 13:10

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	2.5	U	2.5	mg/L							

LCS (9I19044-BS1)

Prepared: 09/19/2019 15:40 Analyzed: 09/20/2019 13:10

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	84		2.5	mg/L	100		84	80-120			

Duplicate (9I19044-DUP1)

Prepared: 09/19/2019 15:40 Analyzed: 09/20/2019 13:10

Source: AC05613-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Suspended Solids	3.0		2.5	mg/L		2.5 U				20	

Batch 9I20023 - NO PREP

Blank (9I20023-BLK1)

Prepared & Analyzed: 09/20/2019 15:45

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Specific Conductance (EC) at 25 Deg C	1.000	U	1.000	umhos/cm							

LCS (9I20023-BS1)

Prepared & Analyzed: 09/20/2019 15:45

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I20023 - NO PREP - Continued

LCS (9I20023-BS1) Continued

Prepared & Analyzed: 09/20/2019 15:45

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Specific Conductance (EC) at 25 Deg C	1421		1.000	umhos/cm	1410		101	90-110			

Duplicate (9I20023-DUP1)

Prepared & Analyzed: 09/20/2019 15:45

Source: AC06342-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Specific Conductance (EC) at 25 Deg C	2260		1.000	umhos/cm		2260			0	10	

Batch 9I20024 - NO PREP

LCS (9I20024-BS1)

Prepared & Analyzed: 09/20/2019 12:36

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.0		1.0	pH Units	7.00		99	99-102			
Temperature for pH (deg. C)	23			pH Units				0-200			

Duplicate (9I20024-DUP1)

Prepared & Analyzed: 09/20/2019 12:36

Source: AC05613-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.8		1.0	pH Units		7.9			0.5	10	Q-01
Temperature for pH (deg. C)	24			pH Units		24			0	200	Q-01

Batch 9I21001 - NO PREP

Blank (9I21001-BLK1)

Prepared: 09/21/2019 10:25 Analyzed: 09/23/2019 18:05

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	6.3	U	10	mg/L							

LCS (9I21001-BS1)

Prepared: 09/21/2019 10:25 Analyzed: 09/23/2019 18:05

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	520		10	mg/L	500		103	90-110			

Matrix Spike (9I21001-MS1)

Prepared: 09/21/2019 10:25 Analyzed: 09/23/2019 18:05

Source: AC06342-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	540		10	mg/L	500	13	106	90-110			

Matrix Spike Dup (9I21001-MSD1)

Prepared: 09/21/2019 10:25 Analyzed: 09/23/2019 18:05

Source: AC06342-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	540		10	mg/L	500	13	106	90-110	0.4	10	

Batch 9I23014 - NO PREP

Blank (9I23014-BLK1)

Prepared: 09/23/2019 08:24 Analyzed: 09/25/2019 10:03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I23014 - NO PREP - Continued

Blank (9I23014-BLK1) Continued

Prepared: 09/23/2019 08:24 Analyzed: 09/25/2019 10:03

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	0.037	U	0.050	mg/L							

LCS (9I23014-BS1)

Prepared: 09/23/2019 08:24 Analyzed: 09/25/2019 10:04

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	2.5		0.050	mg/L	2.50		102	90-110			

Matrix Spike (9I23014-MS2)

Prepared: 09/23/2019 08:24 Analyzed: 09/25/2019 10:32

Source: AC06603-07

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	3.5		0.050	mg/L	2.50	0.76	108	90-110			

Matrix Spike (9I23014-MS3)

Prepared: 09/23/2019 08:24 Analyzed: 09/25/2019 10:17

Source: AC06230-01RE1

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	9.4		0.10	mg/L	2.50	7.2	88	90-110			QM-07

Matrix Spike Dup (9I23014-MSD3)

Prepared: 09/23/2019 08:24 Analyzed: 09/25/2019 10:18

Source: AC06230-01RE1

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	9.5		0.10	mg/L	2.50	7.2	94	90-110	1	10	

Batch 9I23017 - NO PREP

Blank (9I23017-BLK1)

Prepared: 09/23/2019 08:33 Analyzed: 09/25/2019 14:45

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	0.020	U	0.030	mg/L							

LCS (9I23017-BS1)

Prepared: 09/23/2019 08:33 Analyzed: 09/25/2019 14:47

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	2.5		0.030	mg/L	2.50		98	90-110			

Matrix Spike (9I23017-MS1)

Prepared: 09/23/2019 08:33 Analyzed: 09/25/2019 14:49

Source: AC06230-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	3.4		0.030	mg/L	2.50	0.90	100	90-110			

Matrix Spike Dup (9I23017-MSD1)

Prepared: 09/23/2019 08:33 Analyzed: 09/25/2019 14:50

Source: AC06230-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	3.4		0.030	mg/L	2.50	0.90	98	90-110	1	10	

Batch 9I24012 - NO PREP

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I24012 - NO PREP - Continued

Blank (9I24012-BLK1)

Prepared: 09/24/2019 08:42 Analyzed: 09/24/2019 11:10

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.0098	U	0.020	mg/L							

LCS (9I24012-BS1)

Prepared: 09/24/2019 08:42 Analyzed: 09/24/2019 11:11

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.98		0.020	mg/L	1.00		98	90-110			

Matrix Spike (9I24012-MS1)

Prepared: 09/24/2019 08:42 Analyzed: 09/24/2019 11:21

Source: AC05214-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.80		0.020	mg/L	1.00	0.018	78	90-110			QM-07

Matrix Spike (9I24012-MS2)

Prepared: 09/24/2019 08:42 Analyzed: 09/24/2019 11:36

Source: AC05610-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.99		0.020	mg/L	1.00	0.037	96	90-110			

Matrix Spike Dup (9I24012-MSD1)

Prepared: 09/24/2019 08:42 Analyzed: 09/24/2019 11:22

Source: AC05214-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.79		0.020	mg/L	1.00	0.018	77	90-110	1	10	QM-07

Metals by EPA 200 Series Methods - Quality Control

Batch 9I24003 - EPA 3005A

Blank (9I24003-BLK1)

Prepared: 09/24/2019 08:55 Analyzed: 09/25/2019 10:10

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	8.00	U	10.0	ug/L							
Barium	2.00	U	10.0	ug/L							
Cadmium	0.450	U	2.00	ug/L							
Chromium	1.80	U	10.0	ug/L							
Lead	3.80	U	10.0	ug/L							
Selenium	10.2	I	40.0	ug/L							
Silver	1.41	I	10.0	ug/L							

LCS (9I24003-BS1)

Prepared: 09/24/2019 08:55 Analyzed: 09/25/2019 10:14

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	488		10.0	ug/L	500		98	85-115			
Barium	488		10.0	ug/L	495		98	85-115			
Cadmium	48.1		2.00	ug/L	49.8		96	85-115			
Chromium	482		10.0	ug/L	494		98	85-115			
Lead	481		10.0	ug/L	500		96	85-115			
Selenium	483		40.0	ug/L	500		97	85-115			
Silver	98.5		10.0	ug/L	99.8		99	85-115			

QUALITY CONTROL DATA

Metals by EPA 200 Series Methods - Quality Control

Batch 9I24003 - EPA 3005A - Continued

Matrix Spike (9I24003-MS1)

Prepared: 09/24/2019 08:55 Analyzed: 09/25/2019 10:16

Source: BC03825-03

<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>POL</u>	<u>Units</u>	<u>Spike Level</u>	<u>Source Result</u>	<u>%REC</u>	<u>%REC Limits</u>	<u>RPD</u>	<u>RPD Limit</u>	<u>Notes</u>
Arsenic	2490		50.0	ug/L	2500	40.0 U	100	70-130			
Barium	2510		50.0	ug/L	2480	19.5	100	70-130			
Cadmium	245		10.0	ug/L	249	2.25 U	98	70-130			
Chromium	2470		50.0	ug/L	2470	9.00 U	100	70-130			
Lead	2460		50.0	ug/L	2500	19.0 U	99	70-130			
Selenium	2450		200	ug/L	2500	50.0 U	98	70-130			
Silver	501		50.0	ug/L	499	3.70 U	100	70-130			

Matrix Spike Dup (9I24003-MSD1)

Prepared: 09/24/2019 08:55 Analyzed: 09/25/2019 10:18

Source: BC03825-03

<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>POL</u>	<u>Units</u>	<u>Spike Level</u>	<u>Source Result</u>	<u>%REC</u>	<u>%REC Limits</u>	<u>RPD</u>	<u>RPD Limit</u>	<u>Notes</u>
Arsenic	2500		50.0	ug/L	2500	40.0 U	100	70-130	0.3	25	
Barium	2490		50.0	ug/L	2480	19.5	100	70-130	0.5	25	
Cadmium	244		10.0	ug/L	249	2.25 U	98	70-130	0.4	25	
Chromium	2450		50.0	ug/L	2470	9.00 U	99	70-130	0.7	25	
Lead	2460		50.0	ug/L	2500	19.0 U	98	70-130	0.3	25	
Selenium	2460		200	ug/L	2500	50.0 U	98	70-130	0.3	25	
Silver	500		50.0	ug/L	499	3.70 U	100	70-130	0.2	25	

FLAGS/NOTES AND DEFINITIONS

- PQL** PQL: Practical Quantitation Limit. The PQL presented is the laboratory MRL.
- B** Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
- I** The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
- J** Estimated value.
- K** Off-scale low; Actual value is known to be less than the value given.
- L** Off-scale high; Actual value is known to be greater than value given.
- M** Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
- N** Presumptive evidence of presence of material.
- O** Sampled, but analysis lost or not performed.
- Q** Sample exceeded the accepted holding time.
- T** Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
- U** Indicates that the compound was analyzed for but not detected.
- V** Indicates that the analyte was detected in both the sample and the associated method blank.
- Y** The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
- Z** Too many colonies were present (TNTC); the numeric value represents the filtration volume.
- ?** Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
- *** Not reported due to interference.
- [CALC]** Calculated analyte - MDL/MRL reported to the highest reporting limit of the component analyses.
- B-06** Sample is supersaturated with DO. Initial DO exceeds the method required maximum initial DO of 9 mg/L.
- B-07** LCS exceeded control limits for this test. The test can not be repeated due to method constraints. The result should be considered to be an estimated value.
- Q-01** Analysis performed outside of method - specified holding time.
- QB-02** The method blank contains analyte at a concentration above the MDL and/or greater than one-half the MRL. The analyte was not detected in the sample.
- QM-07** The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- R-01** The Reporting Limit for this analyte has been raised to account for matrix interference.



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name Waste Corporation of America - Arcadia (WA053)		Project Number Desoto Leachate x2		Requested Analyses				Requested Turnaround Times		
Address 14662 NE Hwy 70		Project Name/Desc Desoto LF 2019 Leachate Sample		Ag,As,Ba,Cd,Cr,Hg,Pb,Se Ammonia 550 1, COD SM452200 Phosphorus, 365.4, TKN, 351.2 BOD SM5210B Conductivity 120.1 pH SM4500-H B, TSS SM2540D					Note: Rush requests subject to acceptance by the facility	
City/ST/Zip Arcadia, FL 34266		PO # / Billing Info B# 302474							___ Standard	
Tel (863) 494-0123		Reporting Contact Jason Harris							___ Expedited	
Fax		Billing Contact Jason Harris							Due ___/___/___	
Sampler(s) Name, Affiliation (Print) Jason Harris		Billing Contact Jason Harris		Preservation (See Codes) (Combine as necessary)				Lab Workorder AC06462		
Sampler(s) Signature <i>[Signature]</i>		Site Location / Time Zone Desoto Lf EST								

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers							Sample Comments
1		9/18/19	07:00			4	X	X	X	X			
2						4	X	X	X	X			
3													
4													
							<- Total # of Containers						

Sample Kit Prepared By <i>[Signature]</i>	Date/Time <i>[Signature]</i>	Relinquished By <i>[Signature]</i>	Date/Time 9/16/19 11:00	Received By	Date/Time
Comments/Special Reporting Requirements see 9-19-19 8:35 1 BOD		Relinquished By <i>[Signature]</i>	Date/Time 9/19/19 07:00	Received By Chelene S. Pasipante	Date/Time 9/19/19 8:00 AM
		Relinquished By	Date/Time	Received By	Date/Time
Cooler #'s & Temps on Receipt 2.6°C @ -135				Condition Upon Receipt ___ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist