



Agenda Item Cover Sheet

Agenda Item N^o. A-61

Meeting Date 9/7/2023

☒ Consent Section

☐ Regular Section

☐ Public Hearing

Subject: Award a three (3) year contract to the only responding bidder for ongoing and as-needed disposal, pumping, cleaning, and transportation of leachate from the Northwest County Transfer Center and South County Transfer Station to a Florida Department of Environmental Protection (FDEP) permitted, non-Hillsborough County-owned disposal site (ITB-23-24386) for the Solid Waste Management Department at a total cost of \$264,000.00.

Department Name: Procurement Services

Contact Person: Scott Stromer

Contact Phone: 301-7095

Sign-Off Approvals:

Tom Fesler 8/25/2023

Assistant County Administrator Date

Kevin Brickey 8/24/2023

Management and Budget – Date

Approved as to Financial Impact Accuracy

N/A **N/A**

Deputy or Chief County Administrator Date

Scott Stromer 8/24/2023

Department Director Date

Sacha Brown-Taylor 8/24/2023

County Attorney – Date

Approved as to Legal Sufficiency

Staff's Recommended Board Motion:

Award a three (3) year contract to the only responding bidder, Shamrock Environmental Company, d/b/a Aqua Clean Environmental Company, LLC, for ongoing and as-needed disposal, pumping, cleaning, and transportation of leachate from the Northwest County Transfer Center and South County Transfer Station to a Florida Department of Environmental Protection (FDEP) permitted, non-Hillsborough County-owned disposal site (ITB-23-24386) for the Solid Waste Management Department at a total cost of \$264,000.00. In this case, no participation goal or set-aside was established for this procurement due to limited availability. In this case, there were no Certified Disadvantaged Minority/Disadvantaged Women Business Enterprises (DM/DWBE) and no Registered Small Business Enterprise (SBE) firms for the specified services; therefore, no participation goal or set-aside was established for this procurement. Funding for this procurement is available in the requesting department's approved budget, and purchase orders will only be issued against approved budgets.

Financial Impact Statement:

Funding for this procurement is available in the requesting department's approved budget, and purchase orders will only be issued against approved budgets.

Background:

The recommended award amount is approximately 2.22% (\$6,000.00) lower than the requesting department's estimate. While more competition is always preferred, the limited competition in this case is likely due to the nature of the services, required equipment, and limited availability of FDEP permitted disposal sites. Transparency was achieved through the use of competitive sealed bidding for this procurement and ultimately the requesting department determined the offered pricing to be fair, reasonable, and consistent with previous purchases of similar services.

DELEGATIONS TO DIRECTOR OF PROCUREMENT:

[N] Unilateral Change Orders up to \$25,000 for additions within the scope of the contract

[N] Unilateral Extensions
[N] Unilateral Renewals
[N] Additional Purchase Option(s)

List Attachments: Department Recommendation, Economic Development Compliance Memorandum, Bid Summary, Contract Documents



Hillsborough County Florida

PROCUREMENT SERVICES

PO Box 1110, Tampa, FL 33601-1110
(813) 272-5790 | Fax: (813) 272-6290

DATE: August 1, 2023

TO: Eduardo Busquets, Project Manager, Solid Waste
Department

FROM: Sharon Spellman, Chief Procurement Analyst

SUBJECT: Recommendation for Award for **RFQ No.
ITB-23-24386 Disposal Pumping Cleaning Services
and Transportation of Leachate / Estimate
\$270,000.00**

BOARD OF COUNTY COMMISSIONERS

Donna Cameron Cepeda
Harry Cohen
Ken Hagan
Pat Kemp
Gwendolyn "Gwen" Myers
Michael Owen
Joshua Wostal

COUNTY ADMINISTRATOR

Bonnie M. Wise

COUNTY ATTORNEY

Christine M. Beck

COUNTY INTERNAL AUDITOR

Peggy Caskey

CHIEF FINANCIAL ADMINISTRATOR

Tom Fesler

Response Due Date to Procurement: August 8, 2023

1. Bidder Name/Price (including Allowances): Aqua Clean Environmental Company, LLC / \$264,000.00
2. Reference checks are satisfactory: ☒ YES ☐ NO (If no, provide an explanation)
No reference check necessary as the contractor has been successfully working for Solid Waste.
3. Recommend award as responsive/responsible bidder: ☒ YES ☐ NO (If no, provide an explanation)
4. Request Next Bidder? ☐ YES ☒ NO

5. Provide a statement that addresses the reason(s) for your recommendation or rejection.

Prices are fair and reasonable amongst the multiple vendors and provide the multiple solutions to dispose of leachate

6. If recommending award, provide a justification for the +/- 3% variance of the award amount comparison to estimate (\$270,000.00).

The vendor is prepared and is expected to dispose leachate.

7. Provide a description of what is being procured that you would like communicated to the approver(s) (e.g. County Administrator or Board of County Commissioners).

This contract will benefit the citizens by properly managing Northwest County Transfer Facility (NWTs) and the South County Transfer Station (SCTS) leachate levels to protect the environment.

8. Provide a description of the expected outcome of this procurement that you would like communicated to the approver(s) (e.g. County Administrator or Board of County Commissioners).

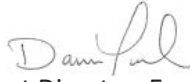
There are sufficient funds in the requesting department's operating budget and purchase order will only be issued against approved budgets.

9. Funding: ☒ Operating ☐ Grant: Grant Title ☐ Capital Project No(s):

Fiscal Approved By: *Tara Dean*

Date: 08/08/2023

Recommendation Approved By:



Date: 8/8/2023

Department Director Enclosure



Hillsborough
County Florida

MINORITY & SMALL BUSINESS ENTERPRISES

PO Box 1110, Tampa, FL 33601-1110
(813) 272-7232 | Fax: (813) 276-2638

DATE: August 1, 2023

TO: Sharon Spellman, Procurement Services

FROM: *Gwen Sevaetasi*
Gwen Sevaetasi, Minority & Small Business
Special Projects Coordinator

SUBJECT: ITB-23-24386: Disposal, Pumping, Cleaning Services, and Transportation of Leachate
(Rebid)

The Department of Minority & Small Business Enterprises has reviewed the subject bid submitted by Shamrock Environmental Corp. The bid was reviewed to assess its compliance with the Hillsborough County Affirmative Action/Equal Employment Opportunity Standards which conform to Executive Order 11246 as amended which includes Revised Order No. 4.

Employment matrix submitted by Shamrock Environmental Corp. indicates that it has a permanent workforce which consists of 314 employees. Pursuant to Hillsborough County's Affirmative Action Requirements, Shamrock Environmental Corp. has furnished a copy of its Affirmative Action/Equal Opportunity Policy Statement. Based on the submitted documents we find Shamrock Environmental Corp. documents are in material compliance with Hillsborough County requirements.

The Minority & Small Business Enterprise Department finds that the bid submitted by Shamrock Environmental Corp. meets the requirements.

**BOARD OF COUNTY
COMMISSIONERS**

Donna Cameron Cepeda
Harry Cohen
Ken Hagan
Pat Kemp
Gwendolyn "Gwen" Myers
Michael Owen
Joshua Wostal

COUNTY ADMINISTRATOR

Bonnie M. Wise

COUNTY ATTORNEY

Christine M. Beck

COUNTY INTERNAL AUDITOR

Peggy Caskey

ASSISTANT COUNTY ADMINISTRATOR

Ron Barton

Notice of Intent to Award - Invitation to Bid No. ITB-23-24386: Disposal, Pumping, Cleaning Services, and Transportation of Leachate

Notice: Pursuant to Hillsborough County Ordinance 13-24, Protest Process and Procedures and Cone of Silence the bidder(s) identified are being recommended for contract award. Interested parties with a grievance pertaining to this procurement shall provide the County written notice no later than five (5) business days from the date the County posts this notice of intent to award. See following link for specific ordinance details: <http://hcflgov.net/library/hillsborough/media-center/documents/Procurement%20Services/Procurement%20Manual/AppendixCC>

Date Posted: August 9, 2023

Aqua Clean Environmental Company, LLC

			Total Cost	\$264,000.00	
			Selected #	5	
			Selected (\$)	\$264,000.00	
#	Items	Unit of Measure	Quantity Required	Unit Price	Total Cost
#0-1	Northwest County Transfer Station - Leachate disposal	Gallon (s)	420000	\$0.23	\$96,600.00
#0-2	South County Transfer Station - Leachate disposal	Gallon (s)	420000	\$0.23	\$96,600.00
#0-3	Emergency Service Fee	Each	6	\$2,000.00	\$12,000.00
#0-4	Tank Cleaning Service Fee	Each	6	\$2,000.00	\$12,000.00
#0-5	Trench Pump, quarterly service to pump the trench at the South County Transfer Station - 12000 Gallons Quarterly	Quarterly	12	\$3,900.00	\$46,800.00



Invitation to Bid

Disposal, Pumping, Cleaning Services, and
Transportation for Leachate (Rebid)

ITB-23-24386

HCFLGov.net/Vendors
(813) 272-5790



**Hillsborough
County Florida**
Procurement Services

IMPORTANT INFORMATION

SOLICITATION TYPE: Invitation to Bid

SOLICITATION NUMBER: ITB-23-24386

SOLICITATION TITLE: Disposal, Pumping, Cleaning Services, and Transportation for Leachate (Rebid)

BRIEF DESCRIPTION: The Solid Waste Management Department is seeking competitive bids from experienced and qualified Contractors with a proven and documented track record of providing pumping, transportation, and disposal services of leachate to a site of the supplier's choice, from both the Northwest County Transfer Facility (NWTs) and the South County Transfer Station (SCTS). The supplier is also to provide quarterly trench pump services at the SCTS.

PRIMARY CONTACT: Sharon Spellman, Chief Procurement Analyst

(813) 301-7092; SpellmanS@HCFLGov.net

SUBMISSION: The County shall only accept Offers through its Electronic Bidding System. Offers delivered by non-electronic means, facsimile, electronic mail (e-mail) or electronic means other than through the County's Electronic Bidding System will **not** be considered.

SUBMISSION: The County shall only accept Offers through its Electronic Bidding System. Offers delivered by non-electronic means, facsimile, electronic mail (e-mail) or electronic means other than through the County's Electronic Bidding System will **not** be considered. CONE OF SILENCE: A Cone of Silence is in effect for this procurement; therefore, no proposer, interested party and/or their principals, officers, employees, attorneys or agents shall communicate with County employees, the Hearing Master assigned to hear the applicable protest appeal and/or members of the Board of County Commissioners, including their aides and employees regarding this procurement and/or a related protest. The Cone of Silence does not prohibit a proposer from communicating with the Director of Procurement, the primary contact listed on this page, or the attorney assigned to this procurement. Violating the Cone of Silence may disqualify the proposer from consideration for award.

1. 1. Specifications

1.1. Scope

- 1.1.1. The Solid Waste Management Department (SWMD) is seeking competitive bids from experienced and qualified Contractors with a proven and documented track record of providing pumping, transportation, and disposal services of leachate to a site of the supplier's choice, from both the Northwest County Transfer Facility (NWTs) and the South County Transfer Station (SCTS). The supplier is also to provide quarterly trench pump services at the SCTs.

1.2. Applicable Publications and Terminology

- 1.2.1. The following publication(s) of the issue in effect on the date of this solicitation, forms a part of this specification:

- 1.2.1.1. Chapter 316, Florida Statutes, State Uniform Traffic Control, as applicable.
(http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=0300-0399/0316/0316.html)
- 1.2.1.2. Guidelines for the Operations, Assembly, Repair, Testing and Inspection of Hazardous Material Cargo Tanks.
(<https://www.fmcsa.dot.gov/sites/fmcsa.dot.gov/files/docs/Guidelines-for-Operation-Assembly-Repair-Inspection-of-HM-Cargo-Tanks-June-09-508.pdf>)

1.3. Minimum Qualifications

- 1.3.1. The Bidder or principal thereof shall demonstrate recent experience in providing substantially similar services. The "Responsibility Survey" should be used by the Bidder to provide such information. If the Bidder uses its own form, the information provided must be substantially similar as requested in the Responsibility Survey.

1.4. Minimum Requirements

1.4.1. Leachate Disposal

The Contractor shall pump, transport, and dispose of leachate from the NWTs and SCTs to a Florida Department of Environmental Protection (FDEP) permitted, non-Hillsborough County-owned disposal site without assistance from County personnel or equipment, within twelve (12) hours of written notice by the Project Manager (PM). Leachate at the transfer station is not limited to liquid material but also includes suspended solids and sludge.

- 1.4.1.1. The Contractor's work shall be subject, at any time, to inspection by the PM for compliance with applicable regulations, contractor permit requirements, the specifications within this solicitation and the Department of Transportation (DOT) requirements.
- 1.4.1.2. In the event that work that is determined to be unsatisfactory, the Contractor shall correct all issues within 48 hours of notification of such determination. The Contractor shall not invoice the County until all unsatisfactory work has been corrected.
- 1.4.1.3. The Contractor shall provide the PM with contact information for its designated representatives to be reached twenty-four (24) hours a day, seven (7) days a week, including holidays with a response time within one (1) hour.
- 1.4.1.4. The Contractor shall comply with Chapter 316, Florida Statutes, State Uniform Traffic Control, as applicable.
- 1.4.1.5. The Contractor shall be solely responsible for complying with all requirements mandated by Federal, State, and local laws regarding the transportation and disposal of leachate from the SCTS and NWTs.
- 1.4.1.6. Contractor representatives who operate a motor vehicle in the performance of the resulting contract shall be properly licensed by the State of Florida for the operation of said vehicle. Proof shall be provided to the County upon request.
- 1.4.1.7. The Bidder, upon the County's request, shall complete and provide the Non-Hillsborough Leachate Disposal Locations. Contractor shall provide the PM site updates throughout the contract period prior to transporting and disposing of leachate to a site.
- 1.4.1.8. A Certificate of Disposal, indicating Final Disposal and Method of Disposal, for each leachate load shall be provided by the Contractor to the County with the monthly invoice.
- 1.4.1.10 The payment of leachate disposal fees shall be based upon the rate per gallon of leachate.

1.4.2. Methods of Operation

- 1.4.2.1. The Contractor's tanker truck shall be weighed in and out to establish an accurate truck weight and gallon quantity.

1.4.2.2. As the Contractor weighs out, the Contractor shall be given a transaction receipt with a net weight and comparable gallon figure.

1.4.2.3. The volumes shall be calculated using the following formula:

1.4.2.3.1. Net tons multiplied by 2,000 pounds = Total pounds
Total pounds divided by 8.34 (pounds/gallons) = ____ gallons
of leachate.
Example: 25.39 net tons x 2,000 pounds = 50,780 pounds
50,780 pounds divided by 8.34 pounds/gallons = 6,088 gallons

1.4.2.4. Estimating of gallons loaded/hailed will not be permitted unless duly authorized by the Project Manager.

1.4.2.5. The estimated quantity per pick up is approximately 6,000 gallons. The per load quantity is an estimate only and the actual quantity to be transported pursuant to this contract may be substantially more or less.

1.4.2.6. The frequency of removal per truck is estimated on an as needed basis, availability for pick up is Monday through Saturday between the hours of 7:30 AM and 5:30 PM. However, twenty-four (24) hour access to the Transfer Stations will be provided to the Contractor as needed, to accommodate the requirements of this contract.

1.4.2.7. Additional trips may be required, including Sundays and holidays. This includes days that County administration may close the facility for operational reasons that are in the best interest of Hillsborough County. SWMD shall provide the Contractor with reasonable, (minimum 8 hours) advance notice if additional trips are to be made the following day.

1.4.3. Emergency Service

1.4.3.1. If services are required with less than a twelve (12) hour notice, the Contractor shall be permitted to charge an additional set fee, for the first tank/trailer dispatched.

1.4.3.2. For the purpose of "emergency services", equipment shall arrive and begin loading operations within six (6) hours of receiving notification.

1.4.3.3. All equipment dispatched must comply with the requirements outlined in this document.

- 1.4.3.4. The emergency service fee must be listed separately from the rate per gallons of leachate invoiced.

1.4.4. Tank Cleaning Services

- 1.4.4.1. The Contractor shall remove all leachate from the tank to the lowest possible level.
- 1.4.4.2. The contractor shall remove and dispose of all the solids from the bottom of the tank. Solids and leachate which result from the cleaning of the tank shall be paid per the contracted price for Tank Cleaning Services.
- 1.4.4.3. The Contractor shall use a pressure washer and a vacuum truck or pump to remove all leachate and solids from the tank.
- 1.4.4.4. No confined space entry shall be allowed by the Contractor to perform the tank cleaning services.
- 1.4.4.5. After cleaning, the disposal of leachate removed shall be paid based upon the rate per gallon of leachate.

1.4.5. Quarterly Trench Pump Service at SCTS

- 1.4.5.1. The PM will require the leachate trenches and the leachate lift stations cleaned out of all liquid and solid materials, on a quarterly basis.

1.4.6. Transfer Station Locations

- 1.4.6.1 Northwest County Transfer Station and Closed Landfill
8001 West Linebaugh
Tampa, FL 33625
- 1.4.6.2 South County Transfer Station
13000 U.S. Highway 41, South
Gibson, FL 33534
- 1.4.6.3 Transfer Station Service Days and Hours - Unless otherwise authorized in writing by the PM, the Contractor shall perform all services Monday through Saturday, 7:30 AM to 5:30 PM, except County holidays.
 - 1.4.6.2.1. County Holidays: New Year's Day, Martin Luther King Holiday, Memorial Day, Juneteenth, Independence Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving, Christmas Eve, and

Christmas Day.

- 1.4.6.3. Emergency off-hours visits may be scheduled ahead of time with the PM.
- 1.4.6.4. Modification of the above facilities is at the discretion of the County. The County may modify information as deemed necessary to ensure non-interruption of services provided.
- 1.4.6.5. Sign-In Sheets - The Contractor shall ensure that all employees sign the logbook, at each facility being serviced upon entering the site and sign-out of the logbook upon leaving the site.

1.4.7. Quantities and Data Analysis Exhibits

- 1.4.7.2. Exhibit A SCTS and NCTS reflects chemical analysis data of leachate transported and disposal.
- 1.4.7.3. Exhibit B NWTs and SCTS 2021 through 2022 reflects the past two (2) years of leachate removal from SCTS and NWTs.
- 1.4.7.4. Exhibit C reflects Non-Hillsborough County Disposal locations.
- 1.4.7.5. These exhibits are provided as reference only, as background information for the Contractor. No quantities or chemical compounds/make-up shall be guaranteed by the County.

1.4.8. Spill Procedures

- 1.4.8.2. The Contractor shall be solely responsible for the cleanup of any leachate spills caused by the Contractor or by its agents, employees, or subcontractors.
- 1.4.8.3. The Contractor shall be responsible for all costs and/or damages associated with leachate spills.
- 1.4.8.4. The Contractor shall be responsible for properly notifying all appropriate Regulatory Agencies associated with any leachate spills.
- 1.4.8.5. A spill handling procedure shall be submitted upon request from the County. Failure to provide this requirement, upon request, may result in rejection of the bid.

- 1.4.8.6. The spill handling procedure must include:
- 1.4.8.6.1. Notification procedures for immediately informing SWMD.
 - 1.4.8.6.2. Notification of the Hillsborough County Environmental Protection Commission.
 - 1.4.8.6.3. Notification of The FDEP of the spill incident location, time, date, and steps taken to clean up the spill.
 - 1.4.8.6.4. All vehicles are required to have emergency telephone numbers posted within the cab.
 - 1.4.8.6.5. A complete report of the spill incident shall be submitted to the PM and/or Site Supervisor within twenty-four (24) hours after an incident; and clean up procedures including methods to contain, collect, and properly dispose of any spilled leachate and clean up materials.

1.4.9. Equipment

- 1.4.9.2. The Contractor shall prevent cross contamination of any tanker.
- 1.4.9.3. The Contractor shall provide, at the County's request, a complete list of its equipment by trailer number, tractor number, and the year of make, model, type and capacity.
 - 1.4.9.3.1. The Contractor is required to notify the PM if this list changes during the contract performance period and any renewal periods exercised.
- 1.4.9.4. The Contractor's equipment shall clearly display their company logo while on County property.
- 1.4.9.5. The Contractor is required to provide all necessary equipment, including but not limited to, a tanker/trailer, truck tractor, necessary pumps and all required hoses and adapters. **All Pumps and adapters must be capable of pumping above ground and below ground tanks.** The equipment used for these hauling services must be designated for such usage and must not be contaminated with any other material, such as sludge, diesel fuel, oil, etc.
- 1.4.9.6. Leachate is not classified as a Hazardous Waste, but the equipment shall comply with MC-306 code compliance in the Guidelines for the Operations,

Assembly, Repair, Testing and Inspection of Hazardous Material Cargo Tanks.

- 1.4.9.7. Backup/substitute equipment must be available for twenty-four (24) hour substitutions to avoid downtime in leachate transportation and disposal.
 - 1.4.9.7.1. In the event substitute equipment becomes needed, the equipment must be on site within two (2) hours.
 - 1.4.9.7.2. The Contractor must notify the PM or Site Supervisor of any delays or the substitution of hauling equipment, which will impact the scheduled leachate transportation and disposal.
 - 1.4.9.7.3. The Contractor shall be responsible for any cost and/or damage which may occur as a result of a delay or substitution of hauling equipment when it impacts the leachate transportation and disposal.
- 1.4.9.8. An official weights and measures document must be provided by the Contractor to the County, verifying the capacity of any vehicle transporting leachate.
- 1.4.9.9. All tanker/trailers must be capable of both top loading and hose connection loading.
- 1.4.9.10. The County reserves the right to visually inspect all Contractor's equipment that will be utilized for this Contract at any time.
- 1.4.9.11. The County shall perform random visual inspections of Contractor's equipment.
- 1.4.9.12. If, at any time, the County observes any type of contamination within a Contractor tanker, the Contractor may be in violation of this Contract. Violation of the Contract may result in a recommendation to the Board of County Commissioners to rescind the Contract and for recovery of any costs incurred by the County as a result of the Contract violation(s).
 - 1.4.9.12.1. If samples and laboratory analysis are performed to confirm contamination, the Contractor will be responsible for all associated costs incurred by the County.

1.4.10. Personnel (Contractor Representative)

- 1.4.10.2. The Contractor shall ensure that additional representatives are available to provide coverage when their scheduled Contractor representative utilizes their holiday/vacation/sick time to ensure non-interruption of services provided.
- 1.4.10.3. Contractor personnel are prohibited from bringing unauthorized persons, such as but not limited to, friends and/or family members onto a county work site. Should such an event take place the Project Manager shall cause the removal of such unauthorized persons from the County work site.

1.4.11. Attire

- 1.4.11.2. Onsite Worker Attire and Uniform Name and/or Logo Requirements:
 - 1.4.11.2.1. Contractor personnel may be required to stop work if not properly attired in a manner that is commensurate with the work being performed.
 - 1.4.11.2.2. Contractor personnel are expressly prohibited from wearing short-shorts, tank tops, muscle shirts, halter tops, sandals, flip-flops, or any type of open-toed shoes. Working without shoes is also prohibited.
 - 1.4.11.2.3. The Contractor shall ensure that each of its representative wear a shirt which plainly and prominently identifies the Contractor's/Sub-Contractor's company name and/or which contains the Contractor's imprinted, embroidered, or an applique of the company logo affixed thereto.

1.4.12. Safety

- 1.4.12.2. The Contractor shall provide all reasonable measures necessary to safeguard property and persons from its operations herein.
- 1.4.12.3. The Contractor shall ensure all personnel wears appropriate personal protective equipment.
- 1.4.12.4. The Contractor shall immediately report to the PM, all injuries and all damages occurring to public or private property which are a result of the Contractor's performance hereunder.

- 1.4.12.5. The Contractor shall repair/replace any such property at their own expense and shall not invoice the County for any such repairs.

1.4.13. Invoicing and Payments

- 1.4.13.2. The Contractor shall submit an original invoice, with the Purchase Order number clearly marked, along with an itemized list of charges, attach weigh slips, and certificates of disposal to the Project Manager for review.
- 1.4.13.3. Invoice line descriptions and pricing shall match the purchase order lines for the service.

1.5 Notes

1.5.1 The County is aware that the Environmental Protection Agency (EPA), is currently in the process of developing new regulations for emerging contaminants, which may impact the classification of leachate from its current classification of nonhazardous waste to a new status of hazardous waste. In the event the regulations change during the contract period and the cost of disposal is impacted, the County will work with the Contractor through the transitional phase and move to terminate for convenience, so that new specifications, addressing the regulatory changes can be solicited.

2. SPECIAL TERMS AND CONDITIONS

2.1 Basis for Award (Overall Low)

Award will be made to the lowest, responsive, and responsible Bidder meeting Specifications. Award will be made to a single Bidder for all line items. If a Bidder fails to submit an Offer on all line items, then that Bidder is not eligible for award.

2.2 Insurance, Contractor

2.2.1 During the life of the Agreement, the Contractor shall provide, pay for and maintain insurance of the types and in the amounts described herein. All such insurance shall be provided by responsible companies with A.M. Best ratings of A-, Class 7 or better, authorized to transact business in the State of Florida, and which are satisfactory to the County.

2.2.2 All policies of insurance required by the Agreement shall require that the Contractor give the County thirty (30) Days written notice of any cancellation, intent not to renew, or reduction in coverage and ten (10) Days written notice of any non-payment of premium. Such notice shall be delivered by U.S. Mail to: Director, Risk Management Division, Hillsborough County, 601 E. Kennedy Blvd, Tampa, Florida 33602. In the event

of any reduction in the aggregate limit of any policy, the Contractor shall immediately restore such limit to the amount required herein.

2.2.3 All insurance coverages provided by the Contractor shall be primary to any insurance or self-insurance program of the County which is applicable to the Work provided for in the Agreement.

2.2.4 Receipt by the County of any Certificate of Insurance or copy of any policy evidencing the insurance coverages and limits required by the Contract Documents does not constitute approval or agreement by the County that the insurance requirements have been satisfied or that the insurance policies shown on the Certificates of Insurance are in compliance with the requirements of the Contract Documents.

2.2.5 No work for the County shall commence or occupancy of any of its property take place until the required Certificates of Insurance and copies of the policies, if requested, are received by the County and written Notice to Proceed is issued to the Contractor by the County.

2.2.6 The insurance coverages and limits required of the Contractor under the Contract Documents are designed to meet the minimum requirements of the County. They are not designed as a recommended insurance program for the Contractor. Contractor shall be responsible for the sufficiency of its own insurance program. Should the Contractor have any questions concerning its exposure to loss under the Contract Documents or the insurance coverages needed therefore, it should seek professional assistance.

2.2.7 If the insurance coverage initially provided by the Contractor is to expire prior to completion of the Work, renewal Certificates of Insurance shall be furnished to the County the ten (10) Days prior to expiration of current coverages.

2.2.8 Should the Contractor fail to maintain the insurance coverages required by the Contract Documents, the County may, at its option, either terminate this Agreement for default or procure and pay for such coverage, charge the Contractor for and deduct the costs of the same from payments due the Contractor. A decision by the County to procure and pay for such insurance coverage shall not operate as a waiver of any of its rights under the Contract Documents.

2.2.9 All Commercial General Liability and Builder's Risk liability insurance policies obtained by the Contractor to meet the requirements of the Contract Documents shall provide that the County, its employees and agents shall be additional insureds under the Policy and shall also incorporate a Severability of Interest provision. All insurance coverages provided under this Section shall apply to all the Contractor's activities under the Contract Documents without regard for the location of such activity. Liability policies shall only be written on the Occurrence form.

2.2.10 Coverage amounts and type of insurance shall conform to the following minimum requirements with the use of current Insurance Service Office form and endorsements or their equivalent.

2.2.11 Worker's Compensation and Employer's Liability Insurance. Coverage shall be maintained by the Contractor for all employees engaged in the Work, in accordance with the laws of the State of Florida.

2.2.12 The amount of such insurance shall not be less than:

2.2.12.1 Workers' Compensation - Florida Statutory Requirements

2.2.12.2 Employer's Liability:

\$100,000 Limit Each Accident

\$100,000 Limit Disease Each Employee

\$500,000 Limit Disease Aggregate

2.2.12.3 Commercial General Liability Insurance. Coverage shall include, but not be limited to: Bodily Injury and Property Damage, Damage, Damage to Rented Premises, Medical expenses, Personal and Advertising Injury, and Products and Completed Operations:

\$1,000,000 Bodily Injury and Property Damages - Each Occurrence

\$50,000 Damages to Rented Premises - Each Occurrence

\$5,000 Medical Expenses - Any One Person

\$1,000,000 Personal and Advertising Injury - Each Occurrence

\$1,000,000 Products/Completed Operations - Each Occurrence

\$2,000,000 General Aggregate

\$2,000,000 Products/Completed Operations Aggregate

2.2.12.4 Business Automobile Liability Insurance. Coverage shall be maintained by the Contractor as to the ownership, maintenance, and use all of its owned, non-owned, leased or hired vehicles ("any auto") with limits of not less than:

2.2.12.4.1 Bodily Injury & Property Damage Liability: \$1,000,000 Combined Single Limit Each Accident.

2.2.12.5 All Risk Coverage: For Purposes of this Contract, Builder's Risk coverage **is not** required; and Installation Floater Coverage **is not** required. If either or both are required, the Contractor shall provide coverage which includes the following minimum requirements:

2.2.12.5.1 All Risk coverage shall be issued by insurance company(s) approved by the State of Florida Department of Insurance and acceptable to the County. Coverages and endorsements must be on forms acceptable to the County. The premium for this insurance shall be paid for by the Contractor, with any deductibles being the sole responsibility of the Contractor.

2.2.12.5.2 Builder's Risk limits of coverage shall be 100% of the completed value of any building(s) or structure(s), or 100% of the value of the equipment to be installed, as appropriate; Installation structure(s), or 100% of the value of the equipment to be installed, as appropriate; Installation Floater coverage shall provide for loss of the installed equipment, no labor or fees, prior to final completion of the project.

2.2.12.5.3 Waiver of Occupancy Clause or Warranty: Policy must be specifically endorsed to eliminate any "occupancy clause"; or similar warranty or representation that the building(s) or structure(s) will not be occupied.

2.2.12.6 Professional Liability/Errors and Omissions Insurance **is not** required.

2.2.12.7 Pollution/Environmental Liability Insurance **is** required. Minimum \$1,000,000.

2.2.12.8 Certificates of Insurance. Certificates of Insurance evidencing the insurance coverage specified herein, when required, shall be filed with the Procurement Services Department within ten (10) Days after Notice of Award. The required Certificates of Insurance not only shall name the types of policies provided, but also shall refer specifically to the Agreement. Certificates shall have the signature of the producer or authorized Representative of the insurer(s). Certified copies of insurance policies shall be provided to the County upon request.

2.2.13 Failure of the Contractor to submit the required Certificates of Insurance within the times required by this Section may result in a delay in issuing the Notice to Proceed. The parties specifically agree that such a delay is neither excusable nor compensable and will not entitle the Contractor to a change in the Contract Price or Time.

2.3 Optional Provision for Other Agencies

Unless otherwise stipulated by the Bidder/Proposer in its Offer, the Bidder/Proposer agrees to make available to all government agencies, departments, and municipalities the Offer prices submitted in accordance with the terms and conditions of this Solicitation Document, should any governmental entity desire to buy under the Contract resulting from this Solicitation Document.

2.4 Price Escalation/De-Escalation (CPI)

If the Contractor desires to request an increase pursuant to the following escalation clause for the annual period of the Contract, the Contractor shall submit, no later than ninety (90) Days prior to the annual anniversary date of the contract, the inflationary factor and background data based upon the following formula, to the County's Project Manager:

$$2.4.1 \text{ New Fee} = [.75 \times (\text{CPI2} - \text{CPI1}) \div \text{CPI1} + 1] \times \text{Current Fee}$$

2.4.2 "CPI": The Consumer Price Index for the Urban Wage Earners and Clerical Workers, South Region - All Items, Not Seasonally Adjusted, published by the United States Department of Labor, Bureau of Labor Statistics (<http://www.bls.gov/>).

2.4.3 "CPI1": The published CPI for the month ending twelve (12) months prior to CPI2.

2.4.4 "CPI2": The published CPI for the month ending one-hundred fifty (150) Days prior to the annual anniversary date of the Contract being adjusted.

2.4.5 As of the annual anniversary date of this Contract, the County may decrease the Contract in accordance with the above Escalation/De-Escalation clause formula. The County shall notify the Contractor in writing of any such de-escalation. In no event shall either the escalation or the de-escalation exceed six percent (6%) in any year.

2.5 Purchase Order/Contract

By submitting an Offer, the Bidder/Proposer declares that it understands and agrees that Bidder's/Proposer's Offer in addition to the Specifications, the Instructions, the General Terms and Conditions, the Special Terms and Conditions, the Insurance and Bond requirements, any Amendment(s) issued and all applicable attachments to this Solicitation Document shall become a valid contract between the County and the Contractor upon approval of the contract award by the Board of County Commissioners (if applicable), upon approval of the contract award by the County Administrator (if applicable), or upon the County's issuance of a Contract Purchase Agreement, Blanket Purchase Agreement, or Purchase Order, whichever occurs sooner.

2.6 Contract Period for Term Contract

The Contract resulting from this Solicitation Document will be in effect for a three (3) year period (ending on the last day of the final month) from the effective date of the Contract as established by the County's Blanket Purchase Agreement (BPA) or Contract Purchase Agreement (CPA).

2.7 Estimated Quantities

Quantities given represent the best estimate for use and shall be the basis for award. However, these quantities are not intended to represent actual requirements, which are not known at this time and may vary during the Contract Period. The County does not guarantee a minimum total purchase. Furthermore, the requirements of the County may exceed best estimates and the Successful Bidder/Proposer shall provide such requirements to the extent they are reasonable.

2.8 Hillsborough County Governmental Purchasing Council: Reference Laws of Florida 69-1112 and 69-1119

All Offers received by the County in response to this Solicitation Document shall be considered as Offers to members of the Hillsborough County Governmental Purchasing Council. Members, at their discretion, may utilize the Contract that results from this Solicitation Document. Members may purchase the goods, Services and/or Work under the same terms and conditions as the Contract between the Contractor and the County. Members will issue their own purchase orders, issue payments and coordinate the service locations with the Contractor, as applicable. The Hillsborough County Governmental Purchasing Council consists of the following agencies:

Children's Board of Hillsborough County

City of Plant City

City of Tampa

City of Tampa Housing Authority

City of Temple Terrace

Clerk of the Circuit Court

Expressway Authority

Hillsborough Area Regional Transit Authority

Hillsborough County Aviation Authority

Hillsborough County Board of County Commissioners

Hillsborough Community College

Hillsborough County School Board

Hillsborough County Sheriff

Property Appraiser

State Attorney's Office

Supervisor of Elections

Tampa Palms Community Development District

Tampa Port Authority

Tampa Sports Authority

Tax Collector

2.9 Ordering

The County shall issue a Blanket Purchase Agreement (BPA) or Contract Purchase Agreement (CPA) to cover any goods, Services and/or Work to be furnished under this Contract. The County user departments will then issue Standard Purchase Orders against the BPA/CPA on an as-needed basis. The Successful Bidder/Proposer shall deliver the applicable goods, Services and/or Work only upon receipt of a Standard Purchase Order. No goods, Services and/or Work are to be provided until a Standard Purchase Order is issued. However, any Standard Purchase Order issued PRIOR to the end of the Contract Period shall be completed, invoiced and paid after the expiration of the Contract. Orders shall be issued only during the Contract Period. The County reserves the right to modify the delivery location(s) identified throughout the Contract Period.

2.10 Termination for Convenience

In the event the County elects to terminate the Contract, the County shall provide the Contractor with notice of termination in writing by electronic and/or certified mail. The County shall pay the Contractor for any accepted goods, Services and/or Work provided by the Contractor to the County prior to the Contractor's receipt of said termination notice.

3.0 Definitions

The following words and expressions (or pronouns) shall, wherever they appear in this Solicitation Document and the Contract Documents, be construed as follows unless a different meaning is clear from the context.

3.1 Agreement

"Agreement" shall mean the written agreement between the County and the Contractor covering the goods and/or Services to be provided and/or the Work to be performed pursuant to this Solicitation Document. The Agreement (if one is required for this particular Solicitation Document) will be attached to and made a part of the Contract Documents.

3.2 Amendment(s), Addendum, or Addenda

"Amendment(s)", "Addendum", or "Addenda" shall mean the additional information and/or requirements concerning this Solicitation Document that are issued by the County, in writing, prior to the Close Date.

3.3 Bid(s), or Bidder's Bid

"Bid(s)", "Bidder's Bid", "Proposal(s)", or "Quote(s)" shall mean the offer, bid, proposal, or quote of the Bidder/Proposer submitted on the prescribed forms setting forth the prices for the Work to be performed, along with all other documents submitted by the Bidder/Proposer in response to this Solicitation Document.

3.4 Bidder

"Bidder" or "Proposer" shall mean any person, partnership, corporation or other entity or organization submitting a Bid, Proposal, or Quote to provide the goods, Services and/or Work solicited by the County in this Solicitation Document.

3.5 Blanket Purchase Agreement (BPA)

"Blanket Purchase Agreement (BPA)" shall mean the County's written document to the Contractor stating the products/Services/Work to be provided, the pricing for said products/Services/ Work, the effective dates for the provision of said products/Services/Work, and any additional terms and conditions of the Contract, if applicable.

3.6 Board of County Commissioners

"Board of County Commissioners" shall mean the Board of County Commissioners of Hillsborough County, Florida.

3.7 Bond

"Bond" or "Earnest Money Deposit (EMD)" shall mean bid bond, performance bond, and/or payment bond and other instruments of security furnished by the Bidder/Proposer/Contractor and its Surety in accordance with this Solicitation Document and/or the Contract Documents.

3.8 Business Day(s)

"Business Day(s)" shall mean Monday through Friday excluding public holidays.

3.9 Change Order

"Change Order" shall mean a written order or alteration to a Contract or Purchase Order signed by the appropriate County and Contractor authority directing an addition, deletion, or revision in the provision of the goods and/or Services or an adjustment in the Contract Price and/or Contract Time.

3.10 Close Date

"Close Date" shall mean the date and time set for delivery to the County of all Offers submitted in response to this Solicitation Document.

3.11 Contract or Contract Documents

"Contract" or "Contract Documents" shall mean the Definitions, Instructions, General Terms and Conditions, Special Terms and Conditions, Insurance and Bond requirements, Specifications, Equal Employment Opportunity and Affirmative Action Requirements, all Amendment(s) issued, the Offer, the Agreement (if applicable), all the attached documents identified in this Solicitation Document, all supplementary drawings issued after award of the contract, all Change Orders, all Allowance Authorization Releases, and all provisions required by law to be a part of the Contract Documents, whether actually inserted therein or not.

3.12 Contract Price

"Contract Price" shall mean the total monies payable to the Contractor under the Contract Documents.

3.13 Contract Purchase Agreement (CPA)

"Contract Purchase Agreement (CPA)" shall mean the County's written document to the Contractor stating the products/Services/Work to be provided, the pricing for said products/Services/ Work, the effective dates for the provision of said products/Services/Work, and additional terms and conditions of the Contract, if applicable.

3.14 Contract Time or Contract Period

"Contract Time" or "Contract Period" shall mean the number of calendar Days stated in the Contract Documents for the completion of the Work and/or the provision of the goods and/or Services specified therein.

3.15 Contractor

"Contractor" shall mean the Successful Offeror, whether a corporation, partnership, individual or any combination thereof, and its, their or his/her successors, personal representatives, executors, administrators, and permitted assignees.

3.16 County

"County" shall mean the Board of County Commissioners, Hillsborough County, Florida, for whom the Contract is being performed.

3.17 County Administrator

"County Administrator" shall mean Hillsborough County's County Administrator, or a designee identified by the County Administrator to perform certain functions on behalf of the County Administrator.

3.18 Day(s)

"Day(s)" shall mean one calendar day.

3.19 Designee

"Designee" shall mean the person appointed by the Board of County Commissioners and/or the County Administrator to act on his/her behalf.

3.20 Earnest Money Deposit (EMD)

"Earnest Money Deposit (EMD)" or "Bond" shall mean bid bond, performance bond, and/or payment bond and other instruments of security furnished by the Bidder/Proposer and/or Contractor and its Surety in accordance with this Solicitation Document and/or the Contract Documents.

3.21 Electronic Bidding System

"Electronic Bidding System" shall mean the County's Electronic Bidding System.

3.22 Invitation To Bid

"Invitation to Bid" shall mean the Solicitation Document issued by the County for the goods, Services and/or Work specified herein; and shall include the Definitions, Instructions, General Terms and Conditions, Special Terms and Conditions, Insurance and Bond requirements, Specifications, Requirements, and all Amendment(s) issued.

3.23 Minimum Specifications

"Minimum Specifications" shall mean the portion of the Specifications that address the technical requirements of the Work to be performed under this Contract including materials, equipment, and workmanship.

3.24 Modification Agreement

"Modification Agreement(s)" shall mean the written order to the Contractor authorizing an addition, deletion, or revision in the goods, Services and/or Work to be provided under the Contract Documents or an adjustment in the Contract Price issued after the award of and/or execution of the Contract/Agreement. Such written order must be approved and/or executed by the applicable authorized representatives of the County in accordance with County policy. Modification Agreements that are required to be approved by the Board of County

Commissioners pursuant to County policy must be executed by the Contractor and the Chair of the Board of County Commissioners.

3.25 Notice

"Notice" shall mean a written notice for the County and the Contractor as set forth in this Solicitation Document and/or the Contract Documents.

3.26 Notice of Award

"Notice of Award" shall mean the written notice given by the County to the Successful Bidder/Proposer that said Bidder/Proposer has been selected by the County to provide the goods/Services and/or perform the Work specified in this Solicitation Document.

3.27 Notice to Proceed

"Notice to Proceed" shall mean the written notice given by the County to the Successful Bidder/Proposer and/or Contractor of the date for the Work to start and/or for the date of the Successful Bidder/Proposer and/or Contractor to provide the goods and/or Services specified in the Contract Documents.

3.28 Offer(s)

"Offer(s)" or "Bid(s)" or "Proposal(s)" or "Quote(s)" shall mean the offer, bid, proposal, or quote of the Offeror submitted on the prescribed forms setting forth the prices for the Work to be performed, along with all other documents submitted by the Offeror in response to this Solicitation Document.

3.29 Offeror

"Offeror" shall mean any person, partnership, corporation or other entity or organization that has submitted an Offer, Bid, or Proposal to the County in response to a procurement solicitation issued by the County to provide equipment, supplies, materials, or Services.

3.30 Project

"Project" shall mean the entire action and/or improvement which is the subject of this Solicitation Document and/or the Contract Documents.

3.31 Project Manager

"Project Manager" shall mean the duly authorized representative of the Board of County Commissioners during the Contract Period.

3.32 Proposal(s)

"Proposal(s)" or "Bid(s)" or "Bidder's Bid(s)" or "Quote(s)" shall mean the offer, bid, proposal, or quote of the Bidder/Proposer submitted on the prescribed forms setting forth the prices for the Work to be performed, along with all other documents submitted by the Bidder/Proposer in response to this Solicitation Document.

3.33 Proposer

"Proposer" or "Bidder" shall mean any person, partnership, corporation or other entity or organization submitting a Bid, Proposal, or Quote to provide the goods, Services and/or Work solicited by the County in this Solicitation Document.

3.34 Purchase Order

"Purchase Order" shall mean the County's written document to the Contractor authorizing Work.

3.35 Quote(s)

"Quote(s)" or "Bid(s)" or "Bidder's Bid(s)" or "Proposal(s)" shall mean the offer, bid, proposal, or quote of the Bidder/Proposer submitted on the prescribed forms setting forth the prices for the Work to be performed, along with all other documents submitted by the Bidder/Proposer in response to this Solicitation Document.

3.36 Service(s)

"Service(s)" shall mean the activity/improvement and/or the means or methods necessary for implementation and prosecution of the Project and/or Work that is the subject of the Contract Documents.

3.37 Site(s)

"Site(s)" shall mean the area(s) upon or in which the Contractor's operations are carried on and such other areas adjacent thereto as may be designated as such by the County.

3.38 Solicitation Document

"Solicitation Document" shall mean the solicitation issued by the County for the goods, Services and/or Work specified herein; and shall include the Definitions, Instructions, General Terms and Conditions, Special Terms and Conditions, Insurance and Bond requirements, Specifications, Requirements, and all Amendment(s) issued.

3.39 Specifications

"Specifications" shall mean the detailed information set forth in the "Specifications" section of this Solicitation Document describing and/or concerning the goods, Services and/or Work being solicited by the County via this Solicitation Document, including, but not limited to, any terms and

conditions contained within the "Specifications" section, any Amendment(s) issued related to the "Specifications" section, and/or any drawings or maps relating to the "Specifications" section of this Solicitation Document.

3.40 Subcontractor

"Subcontractor" shall mean any person, firm or corporation other than employees of the Contractor who or which contracts with the Contractor to furnish, or actually furnishes labor, materials, and/or equipment for the Work and/or Project to be performed that is the subject of the Contract Documents.

3.41 Successful Bidder/Proposer

"Successful Bidder" or "Successful Proposer" shall mean the Contractor and vice versa, whether a corporation, partnership, individual or any combination thereof, and its, their or his/her successors, personal representatives, executors, administrators, and permitted assignees.

3.42 Surety

"Surety" shall mean any corporation that executes, as surety, the Bidder's/Proposer's Bid/Proposal bond, and/or any corporation that executed, as surety, the Contractor's Bid/Proposal, performance, and/or payment Bond.

3.43 Unilateral Change Order

"Unilateral Change Order" shall mean a written order or alteration to a Contract or Purchase Order signed by the appropriate County authority directing an addition, deletion, or revision in the provision of the goods and/or Services or an adjustment in the Contract Price and/or Contract Time that does not require concurrence of the Contractor.

3.44 Work

"Work" shall mean any and all obligations, duties and responsibilities necessary for the successful delivery of the goods and/or the successful completion of the Services, Project and/or tasks assigned to or undertaken by the Contractor pursuant to the Contract Documents, including, but not limited to, the furnishing of all labor, materials, equipment and other incidentals contemplated by and/or related to the Contract Documents.

4.0 Instructions

4.1 Bid Submissions

4.1.1 The County shall only accept Offers through its Electronic Bidding System.

4.1.2 Offers delivered by non-electronic means, facsimile, electronic mail (e-mail) or electronic means other than through the County's Electronic Bidding System will not be considered.

4.2 Affirmative Action Business Enterprise Policy

4.2.1 The County hereby notifies all Offerors that Minority Business Enterprises (MBE's), Disadvantaged Minority Business Enterprises (DMBE's), and Disadvantaged Women Business Enterprises (DWBE's) will be afforded an equal opportunity to participate in any award made by the County pursuant to this Solicitation Document and will not be subjected to discrimination on the basis of actual or perceived race, color, religion, sex, national origin, age, marital status, disability, sexual orientation, or gender identity or expression. The County prohibits any person/business involved in County contracting and procurement activities, to discriminate on the basis of actual or perceived race, color, religion, sex, national origin, age, marital status, disability, sexual orientation, or gender identity or expression.

4.2.2 A written Affirmative Action/Equal Employment Opportunity (AA/EEO) Policy or Program is required if the Offeror has fifteen (15) or more employees. If the Offeror has fewer than fifteen (15) employees, then a written Affirmative Action (AA) Policy Statement is required. A copy of Offeror's written AA/EEO Policy/Program or AA Policy Statement (as applicable) should be submitted to the County within five (5) Business Days of notification of low Bidder status by the County but **must** be submitted no later than fifteen (15) Business Days after notification of low Bidder status by the County.

4.2.3 Offeror is required to complete and submit the "Affirmative Action Plan Self-Analysis" Forms contained in the County's AA/EEO Packet (included in this solicitation) no later than fifteen (15) Business Days after notification of low Bidder status by the County.

4.3 Award of Contract and Rejection of Bids

4.3.1 A Contract, if awarded, will be awarded to the lowest responsive and responsible Bidder in accordance with this Solicitation Document and applicable law.

4.3.2 The County, in its sole discretion, may determine whether acceptance of the Bid/Quote is in the best interest of the County. Further, the County reserves the right to reject any and all Bids/Quotes and to waive any informality concerning a Bid/Quote whenever such rejection or waiver is in the best interest of the County and in conformance with Florida Law.

4.3.3 The County also reserves the right to reject the Bid/Quote of any Bidder:

4.3.3.1 determined to be non-responsible due to failure to perform properly or timely on a comparable contract; and

4.3.3.2 who is not in a position to perform the contract.

4.3.4 Bidder must have the capacity, knowledge, skill and general ability to fully perform. Bidder must also have the integrity, reliability and other applicable qualities that will ensure good faith performance. The County reserves the right to require Bidder to submit documentation and other evidence attesting to the Bidder's responsibility. The County

may reject Bidder's Bid/Quote if, at the County's sole discretion, Bidder fails to submit documents and evidence of responsibility and/or the County has determined that the Bidder is not responsible.

4.4 Bid Documents

4.4.1 The Definitions, Instructions, General Terms and Conditions, Special Terms and Conditions, Insurance and Bond requirements, Specifications, Requirements, any Amendment(s) issued, together with all the attached documents herein identified constitute the entire Solicitation Document, and must be the basis of all Offers.

4.4.2 Bidder's/Proposer's Offer pricing, in addition to all Amendment(s) issued, and any other documentation required by this Solicitation Document that is submitted by the Bidder/Proposer in response to this procurement shall constitute the Offer. The Bidder/Proposer is only required to submit its Offer in addition to any Amendment(s) issued and any other documentation required by this Solicitation Document.

4.4.3 The Definitions, Instructions, General Terms and Conditions, Special Terms and Conditions, Requirements, Insurance and Bond requirements, Specifications, Equal Employment Opportunity and Affirmative Action requirements, all Amendment(s) issued, the Bidder's/Proposer's Offer, the Agreement, if applicable, together with all other attached documents herein identified and all supplementary drawings issued after award of the Contract shall constitute the "Contract Documents" upon the award of this Solicitation Document.

4.5 Bid/Proposal/Quote Pricing

Pricing must be quoted only in the space(s) provided within this Solicitation Document; no other form(s) will be accepted. When applicable, all prices quoted are to be free-on-board (F.O.B.) to the job site or specified delivery location in Hillsborough County, Florida.

4.6 Bid/Proposal/Quote Results

Preliminary results are generally available within two (2) Business Days to Bidders/Proposers in the County's Electronic Bidding System.

4.7 Bidder/Proposer Request for Interpretation of Solicitation Document

No interpretation of the meaning of the Specifications contained in this Solicitation Document or other Contract Documents will be made to any Offeror orally. Every request for such interpretation must be in writing, addressed to the Director of Procurement Services. To be given consideration, such requests must be received at least ten (10) Days prior to the Close Date. Any and all such interpretations and any supplemental instructions will be in the form of a written Amendment which, if issued, will be communicated to all Offerors who have acknowledged participation within the electronic bidding system and opened the respective solicitation at least five (5) Business Days prior to the Close Date. Failure of an Offeror to receive any such

Amendment or interpretation shall not relieve said Offeror from an obligation under its Offer as submitted. All Amendment(s) so issued shall become part of the Contract Documents.

4.8 Bidder/Proposer Responsible for Examining/Investigating Work Site(s)

If applicable to this Solicitation Document, Bidder/Proposer is solely responsible for examining all Sites of the proposed Work and conducting any investigations necessary to inform itself of any difficulties that may be involved in the completion of the Work. Bidder's/Proposer's failure to conduct such examinations and investigations shall not:

4.8.1 excuse the Successful Bidder's/Proposer's failure to complete the Work in accordance with the Specifications and requirements set forth in this Solicitation Document based on the Successful Bidder's/Proposer's ignorance of conditions or difficulties that may exist prior to the Close Date or of conditions or difficulties that may be encountered during the execution of the Work; and/or

4.8.2 be a basis for any claims for additional compensation and/or for any extensions of time.

4.9 Procurement Policy and Procedures and Hillsborough County Ordinance – Protest Process and Procedures

Offeror is advised that by submitting an Offer, Offeror hereby agrees to comply with the County's Procurement Policy and Procedures, including, but not limited to, the County's policy and procedures regarding Bid protests and Hillsborough County Code of Ordinances and Laws, Part A, Chapter 2, Article VI, Division 3. The County's Procurement Policy and Procedures can be found on the County's website at:

www.hcflgov.net/en/businesses/doing-business-with-hillsborough/vendors/vendor-forms-and-documents

Offeror is further advised that pursuant to Hillsborough County Code of Ordinances and Laws, Part A, Chapter 2, Article VI, Division 3, Sec. 2-567(b)(i), any protest of the Specifications and/or terms and conditions contained within this Solicitation Document must be received by the County no later than five (5) Business Days before the Close Date/Bid Submittal Deadline set forth in this Solicitation Document.

4.10 Bidder's/Proposer's Understanding of the Solicitation Document

Bidder/Proposer is solely responsible for reading and completely understanding this Solicitation Document in its entirety.

4.11 Cancellation of Solicitation Document

The County reserves the right to cancel, in whole, or in part, this Solicitation Document when deemed to be in the best interest of the County.

4.12 Compliance With Occupational Safety and Health Act (O.S.H.A.)

In instances where such is applicable due to the nature of a Solicitation Document, all material, equipment, etc., as proposed and offered by the Bidder/ Proposer must meet and conform to all O.S.H.A. requirements.

4.13 Condition of Goods, Shipping Costs, and Claims Against Carrier

Unless otherwise specified, all goods supplied will be new, not used or re-manufactured. Bid/Proposal/Quote prices shall include costs of delivery, shipping and handling. Any claims against the carrier will be the responsibility of the Contractor.

4.14 Cone of Silence

Pursuant to Hillsborough County Code of Ordinances and Laws, Part A, Chapter 2, Article VI, Division 3, there shall be a Cone of Silence for all procurement solicitations issued by the County that are at or over the County's formal bid limit in order to safeguard the integrity of the County's procurement and protest process. The Cone of Silence shall go into effect on the date a procurement solicitation is issued by the County and shall end on the date the Contract is awarded by the County or the date the procurement solicitation is canceled by the County. Unless otherwise provided for in Hillsborough County Code of Ordinances and Laws, Part A, Chapter 2, Article VI, Division 3, during the time period the Cone of Silence is in effect, no Offeror, interested party and/or their principals, officers, employees, attorneys or agents shall communicate with County employees, the Hearing Master assigned to hear the applicable protest appeal and/or members of the Board of County Commissioners, including their aides and employees regarding a procurement solicitation and/or its related protest. The Cone of Silence does not prohibit an Offeror from communicating with the Director of the County Department issuing the procurement solicitation, County staff listed as contacts in the procurement solicitation, or the attorney in the County Attorney's office that is directly responsible for the applicable procurement solicitation (this information can be obtained by contacting the County staff person listed as the contact in the applicable procurement solicitation). A violation of the Cone of Silence will result in the disqualification of the Offeror from consideration in the award of the procurement solicitation unless it is determined that the violation is unintentional and/or not material.

4.15 Deviations

Bidder's/Proposer's Offer must state all deviations to the exact requirements imposed upon the Bidder/Proposer. Such deviations must be stated upon the Bidder's/Proposer's Offer form; otherwise, the County may consider Bidder's/Proposer's Offer as being made in strict compliance with the requirements of this Solicitation Document. The County reserves the right to accept or reject any and all Offers, or separable portions thereof, and to waive any minor irregularity, technicality, or omission if doing so will serve the County's best interest. Only Offers which conform in all material respects to this Solicitation Document will be accepted. The County may reject any Offer not submitted in the manner specified by this Solicitation Document.

4.16 Drug Free Workplace Program

Pursuant to Section 287.087, Florida Statutes, Bidders/Proposers may submit with their Offers a certificate certifying that they have implemented a drug free workplace program. If two or more Offers are equal in price, quality, and service, preference will be given in the award process to the Bidder/Proposer who has furnished such certification with its Offer. A copy of the Drug-Free Workplace Form is attached to this solicitation and is also available from the Procurement Services Department website at:

<http://www.hillsboroughcounty.org/procurement>

4.17 Electronic Payment Solutions

Automated Clearing House (ACH). The County has an ACH payment solution where the Offeror may choose to be paid with direct deposit. If the Offeror requests to participate in the County's ACH electronic payment solution, the Offeror should indicate its acceptance in its Offer. If the Offeror has indicated that it will accept the County's ACH for payment, then the Offeror will be required to complete a Direct Deposit Authorization Form after the Contract has been awarded.

For more information on ACH, go to:

https://www.hillsboroughcounty.org/library/hillsborough/media-center/documents/procurement-services/selling-to-hillsborough/direct_deposit_authorization_form.pdf

4.18 Equipment Demonstration

Prior to the Award of this Solicitation Document, the County reserves the right to require a demonstration of equipment as proposed in Bidder's/Proposer's Offer. Each Bidder/Proposer shall be prepared to schedule a demonstration of the type of equipment proposed at a time and location mutually agreeable to the Bidder/Proposer and the County. The location should be within reasonable traveling distance from the County, and the County shall be responsible for the travel expenses of its County staff members attending such demonstration. Equipment demonstration may be of Bidder/Proposer-owned equipment or third-party-owned equipment. Failure on the Bidder's/Proposer's part to provide the equipment demonstration as described may result in the rejection of its Offer and/or suspension from consideration for award of bids, proposals, or contracts with the County for a period of up to twenty-four (24) months.

4.19 Execution of Written Agreement

Within ten (10) Days of the Notice of Award, the Successful Bidder/Proposer will be required to sign a written Agreement if one has been made a part of this Solicitation Document and identified as the "Agreement".

4.20 Facilities Inspection

Prior to the award of this Solicitation Document, the County reserves the right to inspect the Bidder's/Proposer's facility and place of business to determine that the Bidder/Proposer has a regular, bona fide established business that is presently an on-going concern and is likely to continue as such, and is capable of providing the products and/or services, including any later warranty service, or replacement parts support as may be required.

4.21 Hillsborough County Business Tax

All Offerors are required to comply with Hillsborough County Code of Ordinances and Laws, Part A, Chapter 46, Article III, as may be amended in the future. Failure of an Offeror to comply with such regulation shall not be a basis to protest the County's award of the Contract; instead, any reported failure of an Offeror to comply with these regulations will be referred to the Hillsborough County Tax Collector.

4.22 Inspection of Samples

After the Bid Submittal Deadline/Close Date, the County reserves the right to review and inspect representative samples of the products/goods being proposed by the apparent lowest responsive Bidder/Proposer. Within ten (10) Business Days of receiving a request from the County, Bidder/Proposer shall provide the County with samples of each item requested for the purpose of the County conducting a quality test or comparison without cost to the County. At the County's option, this inspection may take place locally, at the Bidder's/Proposer's place of business or at a location selected by the County. The County will not be responsible for shipping or other expenses incurred by the Bidder/Proposer in the qualification of its products or company. The County makes no guarantee that samples will be returned; however, samples not destroyed in testing may be available for return upon request (at the Bidder's/Proposer's expense) after testing is completed and after award of the Contract. Failure to provide the samples described above may result in the rejection of Bidder's/Proposer's Offer and/or suspension of Bidder/Proposer from bidding/proposing on County procurements.

4.23 Licensing

Bidder/Proposer shall be properly licensed for the appropriate category of Work specified in this Solicitation Document. All Bidders/Proposers are requested to submit any required license(s) with their Offers. License(s) must be effective as of the Bid Submittal Deadline/Close Date and must be maintained throughout the Contract Period. Failure to be properly licensed as stated above will result in the rejection of the Offer as non-responsive.

4.24 Modification and/or Withdrawal of Offer Prior to Close Date

Prior to the Bid Submittal Deadline/Close Date, Offers may be withdrawn upon written request signed by the Bidder/Proposer and submitted and/or postmarked to the County prior to the Bid Submittal Deadline/Close Date. Withdrawn Offers will not be returned to the Bidder/Proposer. Except as specifically provided for herein, Bidders/Proposers may not modify their Offers after

the specified Bid Submittal Deadline/Close Date. Negligence on the part of the Bidder/Proposer in preparing its Offer confers no right of withdrawal or modification of its Offer after such Offer has been opened by County staff at the specified time and place. Bidders/Proposers may not withdraw or modify their Offers after the Bid Submittal Deadline/Close Date.

4.25 No Assignment of Offers

Bidder/Proposer may not assign or otherwise transfer its Offer prior to or after the Bid Submittal Deadline/Close Date.

4.26 Obtaining Clarification and/or Additional Information

Bidders/Proposers are instructed not to contact County employees regarding this Solicitation Document with the exception of employees of the Procurement Services Department. Potential Bidders/Proposers requesting clarification or additional information should contact the Procurement Services Department at the address/telephone/fax numbers or e-mail address listed in this Solicitation Document.

4.27 Prohibition Against Considering Social, Political, or Ideological Interests in Government Contracting

Bidders are advised that pursuant to Florida Statutes, Section 287.05701, the County cannot (a) request documentation of or consider a Bidder's social, political, or ideological interests when determining if the Bidder is a responsible vendor, and (b) give preference to a Bidder based on the Bidder's social, political, or ideological interests.

4.28 Prohibition Against Contracting with Entities of Foreign Countries of Concern if Entity Would Give Access to an Individual's Personal Identifying Information

Bidders are advised that pursuant to Florida Statutes, Section 287.138, the County cannot accept a bid on, proposal for, or reply to, or enter into a contract with an entity that would give access to an individual's personal identifying information if (a) the entity is owned by the government of a Foreign Country of Concern, (b) the government of a Foreign Country of Concern has a controlling interest in the entity, or (c) the entity is organized under the laws of or has its principal place of business in a Foreign Country of Concern. For purposes of this section, a "Foreign Country of Concern" shall mean the People's Republic of China, the Russian Federation, the Islamic Republic of Iran, the Democratic People's Republic of Korea, the Republic of Korea, the Republic of Cuba, the Venezuelan regime of Nicolas Maduro, or the Syrian Arab Republic, including any agency of or any other entity of significant control of such foreign country.

4.29 Bidder Must Provide County with Affidavit Denying Involvement with a Country of Concern

4.29.1 If the resulting Contract with the Bidder will grant the Bidder/Contractor access to an individual's personal identifying information – e.g. driver's license, military ID, passport, social security number, etc.), then pursuant to Florida Statutes, Section 287.138(4)(a), the

Bidder/entity must provide the County with an affidavit signed by an officer or representative of the entity, under penalty of perjury, attesting that the entity does not meet any of the criteria set forth in Florida Statutes, Section 287.138(2)(a) through (c); (i.e., an affidavit stating that (a) the Bidder/entity is not owned by the government of a Foreign Country of Concern, (b) the government of a Foreign Country of Concern has no controlling interest in the Bidder/entity, and (c) the Bidder/entity is not organized under the laws of or does not have its principal place of business in a Foreign Country of Concern. **Said affidavit MUST be submitted with Bidder's Bid/offer.** For purposes of this section, a "Foreign Country of Concern" shall mean the People's Republic of China, the Russian Federation, the Islamic Republic of Iran, the Democratic People's Republic of Korea, the Republic of Korea, the Republic of Cuba, the Venezuelan regime of Nicolas Maduro, or the Syrian Arab Republic, including any agency of or any other entity of significant control of such foreign country.

4.29.2 Bidder is advised that per Florida Statutes, Section 287.138(4)(a), the County cannot accept a bid on, a proposal for, or reply to, or into a contract with an entity which would grant the entity access to an individual's personal identifying information unless the entity provides the County with aforementioned affidavit.

4.30 Public Entity Crimes Statement

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit an offer, or reply on a contract to provide any goods or services to a public entity; may not submit an offer, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit offers, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months following the date of being placed on the convicted vendor list. Additionally, pursuant to County policy, a conviction of a public entity crime may cause the rejection of an Offer. The County may make inquiries regarding alleged convictions of public entity crimes. The unreasonable failure of a Bidder/Proposer to promptly supply information in connection with an inquiry may be grounds for rejection of an Offer.

4.31 Requested Information and Descriptive Literature

Bidder/Proposer must furnish all requested information in the spaces provided within this Solicitation Document. Additionally, where required, Bidders/Proposers must attach cuts, sketches, descriptive literature and/or complete specifications relating to the items proposed in the Bidder's/Proposer's Offer.

4.32 Responsibility Survey

The apparent low Offeror will be so notified by County staff and may be required, upon receiving such notice, to complete and return the Responsibility Survey form as identified within the attachments and provide all information and documentation requested therein within five (5)

Business Days. If, after reviewing the Responsibility Survey and accompanying submissions, the County elects to reject the apparent low Offeror based on its responsibility evaluation, the County may perform the same responsibility evaluation, in succession, with each apparent next lowest Offeror until a contract is awarded to a suitable candidate or withdrawn.

4.33 Submittal Deadline

Offeror must submit its Offer prior to the time specified in the Close Date. Late Offers will not be accepted.

4.34 Taxes

State sales and Federal Excise taxes shall not be included in the Bidder's/Proposer's Offer, as Hillsborough County is tax exempt. The Director of Procurement Services will sign exemption certificates submitted by the Bidder/Proposer.

4.35 Time Period Offer is Valid

Offeror's Offer shall be in force for a period of not less than ninety (90) Days after the Close Date. Further, said Offer shall continue in force after said ninety (90) Day period, until thirty (30) Days following the date of receipt by County of written notice from the Offeror of its intent to withdraw its Offer, or until the date specified in said written notice as the expiration date of the Offer, whichever is later. The aforementioned time periods will remain in effect irrespective of whether an award has been made by the County. Notwithstanding the provisions of the preceding sentence, the Offeror may extend its Offer at any time prior to the scheduled expiration thereof.

4.36 Unbalanced Offers and/or Excessive Line Item Prices

The County reserves the right to reject any Offer in which unit prices, in the sole opinion of the County, are unbalanced. In addition, where the County has decided to award this Solicitation Document, it further reserves the right not to utilize a particular line item that, in the sole opinion of the County, is excessively priced, and reserves the right to obtain that item from another source.

5. GENERAL TERMS AND CONDITIONS

5.1 Applicable Law

Unless otherwise specified, this Contract, including, but not limited to, the interpretation, bidding, award, execution and implementation thereof, shall be governed by the laws, rules, and regulations of the State of Florida.

5.2 Changes in the Work/Change Orders/Modifications

5.2.1 All additions, deletions, or revisions to the Contract shall be valid and enforceable only when authorized by a written Change Order or a written Modification Agreement executed by the Contractor and the County. Only upon receipt of a Change Order or

Modification Agreement shall the Contractor be authorized to proceed with the Work involved. All such Work shall be executed under the applicable terms and conditions contained in the Contract Documents.

5.2.2 Additional Work performed by the Contractor without the authorization of a Change Order or Modification Agreement will not entitle the Contractor to an increase in the Contract Price or an extension of the Contract Time except in the case of an emergency as provided for herein. The effect of this paragraph shall remain paramount and shall prevail irrespective of any conflicting provisions contained in these Contract Documents.

5.2.3 It is the Contractor's responsibility to notify its Surety of any changes affecting the general scope of the Work/Services or change of the Contract Price, and the amount of the applicable Bond(s) shall be adjusted accordingly.

5.3 Contractor Must Use E-Verify, Must Have Legally Authorized Workforce & Utilize IMAGE Best Practices

5.3.1 E-Verify

5.3.1.1 Pursuant to Florida Statutes Section 448.095, the Contractor (and its Subcontractors) are required to utilize the United States Department of Homeland Security's (DHS) E-Verify system for all newly hired employees. The E-Verify system is an Internet-based system operated by DHS that allows participating employers to electronically verify the employment eligibility of newly hired employees. Accordingly, by submitting its Offer, the Contractor represents and warrants that it is registered with, and uses, the E-Verify system for all newly hired employees.

5.3.1.2 Pursuant to Florida Statutes Section 448.095, the Contractor must obtain an affidavit from its Subcontractors stating that the Subcontractor does not employ, contract with, or subcontract with an unauthorized alien. The Contractor is required to maintain a copy of such affidavit for the duration of the Contract Period and shall provide the County with a copy of such affidavit within three (3) Business Days of the County's request for said affidavit.

5.3.1.3 Contractor is advised that pursuant to Florida Statutes Section 448.095, the County is required to terminate this Contract if it has a good faith belief that the Contractor knowingly violated Florida Statutes Section 448.09(1); whereupon, the Contractor will not be eligible for award of a public contract for at least one (1) year from the date of such termination.

5.3.1.4 Contractor is advised that pursuant to Florida Statutes Section 448.095, if the County has a good faith belief that a Subcontractor knowingly violated Florida Statutes Section 448.095(2) (but that the Contractor has otherwise complied with said Florida Statute), that the County is required to promptly notify

the Contractor of such violation and order the Contractor to immediately terminate its contract with the applicable Subcontractor.

5.3.2 Legally Authorized Workforce

5.3.2.1 Contractor is advised that the County has entered into an agreement (the IMAGE Agreement) with U.S. Immigration and Customs Enforcement (ICE) wherein the County will, in part, seek to promote the principles of ethical business conduct, prevent knowingly hiring unauthorized workers through self-governance, and encourage voluntary reporting of the discovery of unauthorized workers to ICE. Accordingly, by submitting its Offer, Contractor represents and warrants:

5.3.2.1.1 that Contractor is in compliance with all applicable Federal, State and local laws, including, but not limited to, the laws related to the requirement of an employer to verify an employee's eligibility to work in the United States;

5.3.2.1.2 that all of Contractor's employees are legally eligible to work in the United States; and

5.3.2.1.3 that the Contractor has actively and affirmatively verified such eligibility utilizing the E-Verify system and/or the Federal Government's Employment Eligibility Verification Form (the Form I-9).

5.3.2.2 A mere allegation of Contractor's intent to use and/or current use of unauthorized workers may not be a basis to delay the County's award of a Contract to the Contractor unless the County has a good faith belief that the Contractor knowingly violated Florida Statutes Section 448.09(1) or such allegation has been determined to be factual by ICE prior to the date the Contract is scheduled to be awarded by the County.

5.3.2.3 Good faith claims/beliefs of the Contractor's use of unauthorized workers must be reported to both of the following agencies: The County's Compliance Services hotline at (813) 272-6554; and ICE (Immigration and Customs Enforcement) at 1-866-DHS-2-ICE (1-866-347-2423).

5.3.3 IMAGE Best Practices

Contractor is required to incorporate the following IMAGE Best Practices into its business and, when practicable, incorporate verification requirements into its agreements with Subcontractors:

5.3.3.1 Use the Department of Homeland Security employment eligibility verification program (E-Verify) to verify the employment eligibility of all new hires.

5.3.3.2 Use the Social Security Number Verification Service and make a good faith effort to correct and verify the names and Social Security numbers of the current workforce. Establish a written hiring and employment eligibility verification policy.

5.3.3.3 Establish an internal compliance and training program related to the hiring and employment verification process, to include, but not be limited to, completion of Form I-9, how to detect fraudulent use of documents in the verification process, and how to use E-Verify and the Social Security Number Verification Service.

5.3.3.4 Require the Form I-9 and E-Verify process to be conducted only by individuals who have received appropriate training and include a secondary review as part of each employee's verification to minimize the potential for a single individual to subvert the process.

5.3.3.5 Arrange for annual Form I-9 audits by an external auditing firm or a trained employee not otherwise involved in the Form I-9 process.

5.3.3.6 Establish a procedure to report to ICE credible information of suspected criminal misconduct in the employment eligibility verification process.

5.3.3.7 Establish a program to assess subcontractors' compliance with employment eligibility verification requirements. Encourage contractors to incorporate the IMAGE Best Practices contained in this paragraph and, when practicable, incorporate the verification requirements in Subcontractor agreements.

5.3.3.8 Establish a protocol for responding to letters received from Federal and State government agencies indicating that there is a discrepancy between the agency's information and the information provided by the employer or employee; for example, "no match" letters received from the Social Security Administration.

5.3.3.9 Establish a tip line mechanism (inbox, e-mail, etc.) for employees to report activity relating to the employment of unauthorized workers, and a protocol for responding to employee tips.

5.3.3.10 Establish and maintain appropriate policies, practices, and safeguards against use of the verification process for unlawful discrimination, and to ensure that U.S. citizens and authorized workers do not face discrimination with respect to hiring, firing, recruitment or referral for a fee because of citizenship status or national origin.

5.3.3.11 Maintain copies of any documents accepted as proof of identity and/or employment authorization for all new hires.

5.4 Contractor Use of Hillsborough County for Marketing Prohibited

The Contractor shall in no way use any statements, whether written or oral, made by the County's employees to market, sell, promote or highlight the Contractor and/or the Contractor's product(s) and/or service(s) unless authorized to do so, in writing, by the County Administrator or his/her designee. In addition, the Contractor shall not use subjective or perceived interpretations, even if factual, regarding the County's opinion of the Contractor's performance, product(s) and/or service(s) in any document, article, publication or press release designed to market, promote or highlight the Contractor and/or the Contractor's product(s) and/or service(s). This does not prevent the Contractor from including the County on its client lists and/or listing or using the County as a reference.

5.5 Contractor's Responsibilities

The Contractor will give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work and/or Project. If the Contractor observes that the Specifications are at variance with such laws, ordinances, rules or regulations, then the Contractor will give the County prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate Change Order, Unilateral Change Order or Modification Agreement to the Contract. If the Contractor performs any Work knowing that such

Work is contrary to such laws, ordinances, rules and regulations and without giving such notice to the County, the Contractor will bear all costs arising therefrom; however, it shall not be the Contractor's primary responsibility to ensure that the Specifications are in accordance with such laws, ordinances, rules and regulations.

5.6 County as Intended Beneficiary of Subcontracts

The County shall be an intended substantial beneficiary of the written agreements between the Contractor and its subcontractors.

5.7 Emergencies

In emergencies affecting the safety of persons, the Work/Project or property at the site of such Work/Project or adjacent thereto, the Contractor, without special instruction or authorization from the County, is obligated to act at the Contractor's discretion to prevent threatened damage, injury or loss. The Contractor shall give the County prompt written notice of any significant changes in the Work/Project or deviations from the Contract Documents caused thereby, and a Change Order, Unilateral Change Order or Modification Agreement shall be issued covering the changes and deviations involved. If the Contractor believes that additional work done by it in an emergency which arose from causes beyond the Contractor's control entitles the Contractor to an increase in the Contract Price or an extension of the Contract Time, the Contractor may make a claim for the same. Such increase in Contract Price and/or extension of the Contract Time will be included in the Change Order, Unilateral Change Order or Modification Agreement if such claim is approved by the County.

5.8 Failure to Perform

If, during the Contract Period, the Contractor should refuse or otherwise fail to perform any of its obligations under the Contract, the County reserves the right to:

5.8.1 Obtain the goods, Services and/or Work from another contractor; and/or

5.8.2 Terminate the Contract; and/or

5.8.3 Suspend/debar the Contractor from bidding on County solicitation documents for a period of up to twenty-four (24) months; and/or

5.8.4 Pursue any and all other remedies available to the County.

5.9 Fiscal Non-Funding/Availability of Funding

The award of this Solicitation Document is contingent upon the availability of funding. Furthermore, if funding during the Contract Period becomes unavailable, the County reserves the right to terminate the Contract after providing the Contractor no less than twenty-four (24) hours written notice, provided that, the County will pay the Contractor for any authorized goods and/or Services provided prior to the Contractor's receipt of said termination notice. The County shall be the final authority as to the availability of funds.

5.10 Force Majeure

The Contract Time may be extended in an amount equal to time lost due to delays beyond the control of the Contractor. Such delays shall include, but is not limited to, acts or neglect by the County or to fires, floods, labor disputes, epidemics, abnormal weather conditions or acts of God. In order to receive an extension of the Contract Time due to a force majeure event, the Contractor is required to make a claim of force majeure to the County and such claim must be approved by the County.

5.11 Hand Sanitizer Ordinance (05-8)

Hand Sanitizer Ordinance; Hillsborough County, Florida - Code of Ordinances and Laws, Part A, Chapter 28, Article III. (This provision shall be applicable only if the Services and/or Work to be performed under this Contract will involve and/or require the use of portable restrooms.) Pursuant to Hillsborough County Ordinance; Hillsborough County, Florida - Code of Ordinances and Laws, Part A, Chapter 28, Article III (Hand Sanitizer Ordinance), as amended, every portable restroom in service in Hillsborough County which does not have a hand washing facility located within the portable restroom must have an operable hand sanitizer dispenser containing sanitation liquid affixed to the inside of the portable restroom or immediately adjacent to the portable restroom. The Contractor is solely responsible for ensuring that any and all portable restrooms owned or leased by the Contractor are in compliance with the ordinance.

5.12 Equal Employment Opportunity; Non-Discrimination Clause

During the performance of this Contract, the Contractor shall comply with the following:

5.12.1 Hillsborough County

5.12.1.1 Hillsborough County Human Rights Ordinance, Hillsborough County Code of Ordinances and Laws, Part A, Chapter 30, Article II, as amended, prohibits discrimination on the basis of race, color, sex, age, religion, national origin, disability, marital status, sexual orientation, or gender identity or expression, in apprenticeships, training programs, employment, public accommodations, real estate transactions and practices, County contracting and procurement activities, and credit extension practices.

5.12.1.2 Hillsborough County Home Rule Charter, Article IX, Section 9.11, as amended, provides that the County shall not deprive any person of any right because of race, sex, age, national origin, religion, disability or political affiliation. Printed in Hillsborough County Code of Ordinances and Laws, Part A.

5.12.2 State of Florida

5.12.2.1 Florida Constitution, Preamble and Article I, section 2 protect citizens from being deprived of inalienable rights because of gender, race, religion, national origin, or physical disability.

5.12.2.2 Florida Statutes section 112.042, requires nondiscrimination in employment by counties and municipalities, on the basis of race, color, national origin, sex, handicap, or religion.

5.12.2.3 Florida Statutes section 112.043, prohibits age discrimination in employment.

5.12.2.4 Florida Statutes section 413.08, provides for rights of an individual with a disability and prohibits discrimination against persons with disabilities in employment and housing accommodations.

5.12.2.5 Florida Statutes section 448.07, prohibits wage rate discrimination on the basis of sex.

5.12.2.6 Florida Civil Rights Act of 1992, Florida Statutes sections 760.01 - 760.11, as amended.

5.12.2.7 Florida Statutes section 509.092, prohibits refusing access to public lodging on the basis of race, creed, color, sex, physical disability, or national origin.

5.12.2.8 Florida Statutes section 725.07, prohibits discrimination on the basis of sex, marital status or race in loaning money, granting credit or providing equal pay for services performed.

5.12.2.9 Florida Fair Housing Act, Florida Statutes sections 760.20 - 760.37.

5.12.2.10 Florida Statutes section 760.40, provides for the confidentiality of genetic testing and requires informed consent prior to such testing.

5.12.2.11 Florida Statutes section 760.50, prohibits discrimination on the basis of AIDS, AIDS-related complex, and HIV.

5.12.2.12 Florida Statutes section 760.51, provides for remedies and civil penalties for violations of civil rights.

5.12.2.13 Florida Statutes section 760.60, prohibits discriminatory practices of certain clubs.

5.12.2.14 Florida Statutes section 760.80, provides for minority representation on boards, commissions, council, and committees.

5.12.3 Federal

5.12.3.1 Section I of the Fourteenth Amendment to the United States Constitution, U.S. Const. amend. XIV, section 1.

5.12.3.2 Title VI of the Civil Rights Act of 1964, 42 U.S.C. 2000d et seq.

5.12.3.3 Title VII of the Civil Rights Act of 1964, 42 U.S.C. 2000e et seq., as amended by the Equal Employment Opportunity Acts of 1972 and 1975, the Civil Rights Act of 1991, P.L. 102-166, 105 Stat. 1071, and the Lilly Ledbetter Fair Pay Act of 2009, P.L. 111-2, 123 Stat. 5.

5.12.3.4 Civil Rights Acts of 1866 and the Enforcement Act of 1870, 14 Stat. 27 and 16 Stat. 140, 42 U.S.C. section 1981.

5.12.3.5 Title VIII of the Civil Rights Act of 1968, Fair Housing Act, P.L. 90-284, 82 Stat. 73, 42 U.S.C. 3601 et seq.

5.12.3.6 Civil Rights Restoration Act of 1987, P.L. 100-259, 102 Stat. 28.

5.12.3.7 Civil Rights Act of 1991, P.L. 102-166, 105 Stat. 1071.

5.12.3.8 Civil Rights Act of 1968, Fair Housing Act, P.L. 90-284, 82 Stat. 73, 42 U.S.C. 3601 et seq.

5.12.3.9 Equal Opportunity Regulations, 41 CFR section 60-1.4, as amended.

5.12.3.10 Standards for a Merit System of Personnel Administration, 5 CFR section 900.601 et seq.

5.12.3.11 Executive Order 11246, Equal Employment Opportunity, and its implementing regulations, 41 CFR Chapter 60.

5.12.3.12 Rehabilitation Act of 1973, P.L. 93-112, 87 Stat. 355, as amended.

5.12.3.13 Executive Order 12250, Leadership and Coordination of Nondiscrimination Laws.

5.12.3.14 Age Discrimination in Employment Act of 1967, 29 U.S.C. section 621 et seq., P.L. 90-202, as amended.

5.12.3.15 Age Discrimination Act of 1975, 42 U.S.C. section 6101 et seq., P.L. 94-135, 89 Stat. 728, as amended.

5.12.3.16 Older Americans Amendments of 1975, 42 U.S.C. section 3001 et seq., P.L. 94-135, 89 Stat 713.

5.12.3.17 Americans with Disabilities Act of 1990, 42 U.S.C. section 12101 et seq., as amended by the ADA Amendments Act of 2008, P.L. 110-325, 122 Stat. 3554.

5.12.3.18 Vietnam Era Veterans' Readjustment Assistance Act of 1974, 38 U.S.C. section 4212, as amended.

5.12.3.19 Section 14001 of Consolidated Omnibus Budget Reconciliation Act of 1985, as amended.

5.12.3.20 State and Local Fiscal Assistance Act of 1972, as amended.

5.12.3.21 Office of Management and Budget Circular A-102, Grants and Cooperative Agreements with State and Local Governments, as amended.

5.12.3.22 Nondiscrimination on the Basis of Sex in Education Programs or Activities Receiving Federal Financial Assistance, 40 C.F.R. sections 5.100-5.605.

5.12.3.23 Executive Order 13673, Fair Pay and Safe Workplaces.

5.12.4 If applicable, and required by 41 CFR 60-1.4 or other federal law or regulation, during the performance of this contract, the Contractor agrees as follows:

5.12.4.1 The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation,

gender identity, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

5.12.4.2 The Contractor will in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

5.12.4.3 The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

5.12.4.4 The Contractor will send to each labor union or representative of workers with which it has collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer advising the labor union or workers' representative of the Contractor's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and this Section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

5.12.4.5 The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

5.12.4.6 The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

5.12.4.7 In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract or with any of such rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

5.12.4.8 The Contractor will include the provisions of the subparagraphs contained in this section titled "5.12.4 If applicable, and required by 41 CFR 60-1.4 or other federal law or regulation, during the performance of this contract, the Contractor agrees as follows" in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each Subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a Subcontractor or vendor as a result of such direction, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

The above are not intended to be a complete list of all applicable local, state, or federal statutes, orders, rules or regulations, as they may be amended from time to time, or added to (newly promulgated) from time to time, during the term of resulting contracts.

5.13 Indemnification

5.13.1 General Liability Indemnification - with respect to any Work, Services and/or goods provided pursuant to this Contract, the Contractor shall be liable for the actions of its agents, employees, partners, or subcontractors and shall indemnify, defend, and hold harmless the County, and its officers, agents, and employees, from suits, actions, damages, and costs of every name and description, including attorneys' fees, arising from or relating to personal injury and/or damage to real or personal tangible property alleged to be caused, in whole or in part, by Contractor, its agents, employees, partners, or subcontractors, provided, however, that the Contractor shall not indemnify for that portion of any loss or damages proximately caused by the negligent act or omission of the County.

5.13.2 Patent and Copyright Indemnification - with respect to any Work, Services and/or goods provided pursuant to this Contract, the Contractor shall indemnify, defend, and hold harmless the County from any suits, actions, damages, and costs of every name and description, including attorneys' fees, arising from or relating to violation or infringement

of trademark, copyright patent, trade secret or intellectual property right, provided, however, that the foregoing obligation shall not apply to a County's misuse or modification of Contractor's products or County's operation or use of Contractor's products in a manner not contemplated by the Contract.

If any product is the subject of an infringement suit, or in the Contractor's opinion is likely to become the subject of such a suit, the Contractor may, at its sole expense, procure for the County the right to continue using the product or to modify it to become non-infringing. If the Contractor is not reasonably able to modify or otherwise secure for the County the right to continue using the product, the Contractor shall remove the product and refund the County the amounts paid in excess of a reasonable rental for past use. The County shall not be liable for any royalties.

5.13.3 The Contractor's obligations under the preceding two paragraphs with respect to any legal action are contingent upon the County giving the Contractor:

5.13.3.1 written notice of any action or threatened action;

5.13.3.2 the opportunity to take over and settle or defend any such action at Contractor's sole expense; and

5.13.3.3 assistance in defending the action at Contractor's sole expense. The Contractor shall not be liable for any cost, expense, or compromise incurred or made by the County in any legal action without the Contractor's prior written consent, which shall not be unreasonably withheld.

5.14 Injury and/or Damage Claims

Should the County or the Contractor suffer injury or damage to its person or property because of any error, omission or act of the other or of any of its employees, agents or others for whose acts it is legally liable, claim should be made in writing to the other party within a reasonable time of the first observance of such injury or damage.

5.15 Interpretation and Intent of Contract Documents

The Contract Documents are complementary; what is called for by one Contract document is as binding as if called for by all of the Contract Documents. If the Contractor finds a conflict, error or discrepancy in the Contract Documents, the Contractor must bring it to the County's attention in writing before proceeding with the Work affected thereby. In resolving such conflicts, errors and discrepancies, the Contract Documents shall be given preference in the following order: 1) Agreement, 2) Amendment(s) (if applicable to this Solicitation Document), 3) Specifications, 4) Special Terms and Conditions, 5) General Terms and Conditions, and 6) Instructions. Any Work that may reasonably be inferred from the Specifications and/or drawings/maps as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described in words which, when applied, have a well-known technical or

trade meaning shall be deemed to refer to such recognized standards. In case of conflict, the more stringent requirements shall take precedence.

5.16 Laws and Regulations

The Contractor is hereby advised that all applicable Federal and State laws, municipal and County ordinances, and the rules and regulations of all authorities having jurisdiction over any part of the goods, Services and/or Work provided under this Contract shall be deemed to be a part of this Contract.

5.17 Legally Required Statement and Provisions Regarding Access to Records for Services Contracts

The Parties acknowledge and agree that the statement and provisions below are required by Florida Statute to be included in this contract for services. The inclusion of this statement and provisions below shall not be construed to imply that the Contractor/Service Provider has been delegated any governmental decision-making authority, governmental responsibility or governmental function or that the Contractor/Service Provider is acting on behalf of the County as provided under Section 119.011(2), Florida Statutes, or that the statement or provisions are otherwise applicable to the Contractor/Service Provider. As stated below, the Contractor/Service Provider may contact the County's Custodian of Public Records with questions regarding the application of the Public Records Law; however, the Contractor/Service Provider is advised to seek independent legal counsel as to its legal obligations. The County cannot provide the Contractor/Service Provider advice regarding its legal rights or obligations.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

5.17.1 813-272-5790,

5.17.2 StromerS@HCFLGov.net,

**5.17.3 Procurement Services, 601 E. Kennedy Blvd., 25th Floor,
Tampa, Florida 33602.**

If under this Contract, the Contractor is providing services and is acting on behalf of the County as provided under Section 119.011(2), Florida Statutes, the Contractor will comply with public records law, and agrees to:

5.17.4 Keep and maintain public records required by the County to perform the services.

5.17.5 Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 Florida Statutes or as otherwise provided by law.

5.17.6 Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the Contract if the Contractor does not transfer the records to the County.

5.17.7 Upon completion of the Contract, transfer at no cost to the County, all public records in possession of the Contractor or keep and maintain public records required by the County to perform the service. If the Contractor transfers all public records to the County upon completion of the Contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the Contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the information technology systems of the County.

Failure of the Contractor to comply with Chapter 119, Florida Statutes, and/or the provisions set forth above, where applicable, shall be grounds for immediate unilateral termination of this Contract by the County.

5.18 Maintenance of Records/Public Records Law

5.18.1 In accordance with Chapter 119, Florida Statutes, and, except as may be provided by other applicable State and Federal laws, all Bidders/Proposers should be aware that this Solicitation Document and all Offers are in the public domain and are available for public inspection. Bidders/Proposers are requested, however, to identify specifically any information contained in their Offers which they consider confidential and/or proprietary, inclusive of trade secrets as defined in s. 812.081, Florida Statutes, and which they believe to be exempt from disclosure, citing specifically the applicable exempting law and including narrative explaining the applicable legal exemption as it relates specifically to Bidder's/Proposer's confidential and/or proprietary information.

5.18.2 All Offers received in response to this Solicitation Document will become the property of the County and will not be returned. In the event of an award, all documentation produced as part of the Contract will become the exclusive property of the County.

5.18.3 All materials that qualify for exemption from Chapter 119, Florida Statutes, or other applicable law must be submitted in an attachment or in a separate envelope, clearly identified as "EXEMPT FROM PUBLIC DISCLOSURE" with Bidder's/Proposer's name and the Solicitation Document number marked on the outside.

5.18.4 The County will not accept Offers when the entire Offer is labeled as exempt from public disclosure.

5.18.5 Be aware that the designation of an item as exempt from public disclosure by a Bidder/Proposer may be challenged in court by any person or entity. By designation of material in the Offer as exempt from public disclosure, Bidder/Proposer agrees to defend the County (and its employees, agents and elected and appointed officials) against all claims and actions (whether or not a lawsuit is commenced) related to Bidder's/Proposer's designation of material as exempt from public disclosure and to hold harmless the County (and its employees, agents and elected and appointed officials) from any award to a plaintiff for damages, costs and attorneys' fees, incurred by the County by reason of any claim or action related to Bidder's/Proposer's designation of material as exempt from public disclosure.

5.19 No Assignment of Contract

The Contractor may not make any assignment of the resulting Contract between the County and the Contractor, in whole or in part, without the prior written authorization of the County. Failure to obtain prior written authorization of the County will result in a delay of payment(s) at a minimum and may result in termination for breach of contract.

5.20 Non-Exclusive Contract

Award of this Contract shall impose no obligation on the County to utilize the Successful Bidder/Proposer for all Services and/or Work of this type, which may develop during the Contract Period. This is not an exclusive Contract. The County specifically reserves the right to concurrently contract with other companies for similar Services and/or Work if it deems such action to be in the County's best interest.

5.21 Notices to Contractor

Notices to the Contractor shall be served upon the Contractor by electronic mail (e-mail), facsimile, U.S. mail, hand delivery, courier delivery, or express mail delivery of said notice to the Contractor's residence, place of business and/or with the Contractor's designated agent.

5.22 Notices to the County

Contact information (County's Project Manager) will be provided to the Contractor with the initial Blanket Purchase Agreement (BPA), Contract Purchase Agreement (CPA), and/or Standard Purchase Order (SPO).

5.23 Payment and Completion

5.23.1 The Project Manager, within fifteen (15) Days of receipt of each invoice will either approve or reject the invoice. If the Project Manager rejects the invoice, then the invoice will be returned to the Contractor and will state, in writing, the reason for rejecting the invoice. In the event the Contractor receives a rejected invoice, the Contractor may make

the necessary corrections and resubmit the invoice to the Project Manager. Within thirty (30) Days of approval of an invoice for payment, the County will pay the Contractor the amount approved.

5.23.2 The Project Manager's approval of any payment requested in an invoice shall constitute a representation by the Project Manager to the County that the conditions precedent to the Contractor being entitled to payment as set forth herein have been fulfilled.

5.23.3 The Project Manager's approval of final payment shall constitute an additional representation by him/her to the County that the conditions precedent to the Contractor's being entitled to final payment as set forth herein have been satisfied.

5.23.4 The Project Manager may refuse to approve, in whole, or in part, an invoice if, in his/her opinion, he/she is unable to make the representation to the County that all the conditions precedent to the Contractor being entitled to payment have been satisfied. The Project Manager may also refuse to approve any such payment, or, because of subsequently discovered evidence or the results of subsequent inspections or tests, nullify any previous approval of such payment, to such extent as may be necessary in his/her opinion to protect the County from loss because:

5.23.4.1 The Work is defective;

5.23.4.2 Claims have been filed or there is reasonable evidence indicating the probable filing thereof; or

5.23.4.3 The Contract Price has been reduced because of Change Order, Unilateral Change Order or Modification Agreement.

5.23.5 As established by Florida Statute 218.74(2) payment for the purchase or lease of goods and services shall be made within forty-five (45) Days after the date a proper invoice is presented for payment to the County's Finance Department, Clerk of the Circuit Court, as Accountant to the Board of County Commissioners and as Chief Disbursement Officer.

5.24 Payment to Contractor by Electronic Payment Solution

ACH (Direct Deposit): If the Contractor is enrolled in the County's ACH electronic payment solution, all payments will be made using the direct deposit. The Contractor's bank account information will remain confidential to the extent provided by law and necessary to make direct deposit payments. Once the County has approved payment, an electronic remittance will be sent to the Contractor via e-mail.

5.25 Payment to Subcontractors

By submission of an invoice, the Contractor certifies that all subcontractors and suppliers have been paid for work and materials from previous progress payments received (less any retainage)

by the Contractor prior to receipt of any further progress payments. During the Contract Period and upon completion of the Contract, the County may request documentation to certify payment to subcontractors and/or suppliers. This provision in no way creates any contractual relationship between any subcontractor and the County or any liability on the County for the Contractor's failure to make timely payment to the subcontractors and/or suppliers.

5.26 Performance Standards and Product Quality

In the event the Specifications omit details concerning performance standards and/or product quality, the Contractor shall use only the best commercial practices and/or materials and workmanship of the highest quality when performing this Contract.

5.27 Prohibition Against Contracting with Scrutinized Companies and Termination of Contracts with Scrutinized Companies

5.27.1 Contractor is advised that Florida Statutes, Section 287.135, prohibits agencies and governmental entities from contracting (in any amount) with a company for goods and/or services that is (a) on the Scrutinized Companies that Boycott Israel List (created pursuant to Florida Statutes, Section 215.4725), or (b) engaged in a boycott of Israel. The County reserves the right to terminate the Contract if the County discovers that the Contractor has been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.

5.27.2 Contractor is advised that Florida Statutes, Section 287.135, prohibits agencies and governmental entities from contracting with a company for goods and/or services in the amount of One Million Dollars (\$1,000,000) or more if such company is (a) on the Scrutinized Companies with Activities in Sudan List (created pursuant to Florida Statutes, Section 215.473), or (b) on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List (created pursuant to Florida Statutes, Section 215.473), or (c) engaged in business operations in Cuba or Syria. The County reserves the right to terminate the Contract if the County discovers that the Contractor has (i) submitted a false certification regarding the Contractor's business operations in the countries and/or industries listed in (a) through (c) of this paragraph, (ii) been placed on the Scrutinized Companies with Activities in Sudan List, (iii) been placed on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or (iv) engaged in business operations in Cuba or Syria.

5.28 Project Manager's Status

5.28.1 County's Representatives: The Project Manager shall be the County's representative during the Contract Period. The duties, responsibilities and the limitations of authority of the Project Manager during the Contract Period are set forth in this section and shall not be extended without the written consent of the County's Board of County Commissioners or designee.

5.28.2 Rejecting Defective Work: The Project Manager will have the authority to disapprove or reject Work which is "defective" (which term is hereinafter used to describe

Work that is unsatisfactory, faulty or defective and/or does not conform to the requirements of any inspection, test or approval). The Project Manager will also have the authority to require special inspection or testing of the Work.

5.29 Severability

In the event any section, sentence, clause or provision of this Contract is held to be invalid, illegal or unenforceable by a court having jurisdiction over the matter, the remainder of this Contract shall not be affected by such determination and shall remain in full force and effect.

5.30 Solid Waste Collection and Disposal

Solid Waste Collection and Disposal; Hillsborough County, Florida - Code of Ordinances and Laws, Part B, Public Utilities, Chapter 130, Article II. (This provision shall be applicable only if the Services and/or Work to be performed under this Contract will involve and/or require the Contractor to remove or dispose of solid waste.) Pursuant to Hillsborough County, Florida - Code of Ordinances and Laws, Part B, Public Utilities, Chapter 130, Article II (Solid Waste Collection and Disposal), as amended, all solid waste accumulated as a result of this Contract that the Contractor is required to remove and dispose of, and which the Contractor chooses not to self haul, shall be removed and disposed of by one of the three authorized Hillsborough County solid waste franchise collectors. For a list of the authorized franchise collectors, please contact the Public Works Department/Solid Waste Division at 813-272-5680. The use of any other company or entity for the collection and disposal of solid waste in the Hillsborough County solid waste service area may be a violation of Chapter 130, Hillsborough County, Florida Code of Ordinances and Laws, Part B, Public Utilities, as amended.

5.31 Starting the Work

The Contractor will start the Work and/or Project on the date determined by the County in its Purchase Order or Notice to Proceed.

5.32 Statement of Assurance

During the performance of this Contract, the Contractor herein assures the County, that said Contractor is in compliance with Title VII of the 1964 Civil Rights Act, as amended, and the Florida Human Rights Act of 1977 in that the Contractor does not on the grounds of race, color national origin, religion, sex, age, disability or marital status, discriminate in any form or manner against said Contractor's employees or applicants for employment. The Contractor understands and agrees that this Contract is conditioned upon the veracity of this Statement of Assurance. Furthermore, the Contractor herein assures the County that said Contractor will comply with Title VI of the Civil Rights Act of 1964 when federal grant(s) is/are involved. This Statement of Assurance shall include Vietnam-Era Veterans and Disabled Veterans within its protective range of applicability.

5.33 Suspension of Work

Upon seven (7) Days written notice to the Contractor, the County may, without cause and without prejudice to any other right or remedy, elect to abandon the Work and/or Project and terminate this Contract. In such case the Contractor shall be paid for all Work executed and/or goods delivered to and accepted by the County.

5.34 Termination for Contractor Engaging in Business Operations in Cuba or Syria and Termination for Contractor Being on the Scrutinized Companies Lists Set Forth in Florida Statutes, Section 287.135

Contractor is advised that Section 287.135, Florida Statutes, prohibits agencies and governmental entities from contracting with a company for goods and/or services of One Million Dollars (\$1,000,000) or more if such company (i) is engaged in business operations in Cuba or Syria, (ii) is on the Scrutinized Companies that Boycott Israel List (created pursuant to Florida Statutes, Section 215.4725), (iii) is on the Scrutinized Companies with Activities in Sudan List (created pursuant to Florida Statutes, Section 215.473), or (iv) is on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List (created pursuant to Florida Statutes, Section 215.473). The County reserves the right to terminate the Contract if the County discovers that the Contractor has submitted a false certification regarding the Contractor's business operations in Cuba or Syria and/or the Contractor's presence on the Scrutinized Companies that Boycott Israel List, the Scrutinized Companies with Activities in Sudan List, and/or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List (hereinafter referred to collectively as the "Scrutinized Companies Lists"). In addition, the County reserves the right to terminate the Contract if, prior to the award of the Contract or during the Contract Period, the Contractor engages in business operations in Cuba or Syria and/or the Contractor has been placed on one or more of the Scrutinized Companies Lists.



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

June 29, 2021

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2110750 Transfer Station Leachate Tank

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, June 14, 2021. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Heidi Parker'.

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 1063448 - 1028819

Page 1 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

SAMPLE SUMMARY

Workorder: T2110750 Transfer Station Leachate Tank

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T2110750001	Raw Leachate - NWTs	Water	6/14/2021 09:52	6/14/2021 12:09

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



ANALYTICAL RESULTS

Workorder: T2110750 Transfer Station Leachate Tank

Lab ID: **T2110750001**
Sample ID: **Raw Leachate - NWTs**

Date Received: 06/14/21 12:09 Matrix: Water
Date Collected: 06/14/21 09:52

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	5705		umhos/cm	1			6/14/2021 09:52	
Dissolved Oxygen	0.43		mg/L	1			6/14/2021 09:52	
ORP-2580BW	-311.8		mV	1			6/14/2021 09:52	
Temperature	28.7		°C	1			6/14/2021 09:52	
pH	6.93		SU	1			6/14/2021 09:52	

METALS

Analysis Desc: E200.7 Analysis,Waters			Preparation Method: EPA 200.7						
Analytical Method: EPA 200.7									
Arsenic	0.0080	U	mg/L	1	0.010	0.0080	6/16/2021 14:32	T	
Cadmium	0.0010	U	mg/L	1	0.0020	0.0010	6/16/2021 14:32	T	
Chromium	0.018		mg/L	1	0.010	0.0050	6/16/2021 14:32	T	
Copper	0.088		mg/L	1	0.010	0.0050	6/16/2021 14:32	T	
Lead	0.021		mg/L	1	0.010	0.0030	6/16/2021 14:32	T	
Molybdenum	0.0053	I	mg/L	1	0.050	0.0040	6/16/2021 14:32	T	
Nickel	0.051		mg/L	1	0.010	0.0080	6/16/2021 14:32	T	
Selenium	0.040	U	mg/L	1	0.10	0.040	6/16/2021 14:32	T	
Silver	0.0080	U	mg/L	1	0.010	0.0080	6/16/2021 14:32	T	
Zinc	0.68		mg/L	1	0.10	0.050	6/16/2021 14:32	T	

Analysis Desc: EPA 245.1 Analysis,Water			Preparation Method: EPA 245.1						
			Analytical Method: EPA 245.1						
Mercury	0.000096	I	mg/L	1	0.00010	0.000011	6/16/2021 16:43	T	

WET CHEMISTRY

Analysis Desc: Oil & Grease,EPA1664A (HEM),Water			Analytical Method: EPA 1664 A					
Oil & Grease (HEM)	96		mg/L	1	4.0	1.3	6/18/2021 06:00	M
Analysis Desc: TSS,SM2540D,Water			Analytical Method: SM 2540D					
Total Suspended Solids	350		mg/L	50	50	50	6/17/2021 16:00	T
Analysis Desc: CBOD,SM5210B,Water			Analytical Method: SM 5210B					
Carbonaceous BOD (CBOD)	510		mg/L	10	20	20	6/14/2021 15:10	T

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



ANALYTICAL RESULTS QUALIFIERS

Workorder: T2110750 Transfer Station Leachate Tank

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- M DOH Certification #E82535(AEL-M)(FL NELAC Certification)
- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)
- T^ Not Certified

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110750 Transfer Station Leachate Tank

QC Batch: WCAI/4869 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Prepared:
Associated Lab Samples: T2110750001

METHOD BLANK: 3921309

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Carbonaceous BOD (CBOD)	mg/L	2.0	2.0 U

LABORATORY CONTROL SAMPLE: 3921310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY					
Carbonaceous BOD (CBOD)	mg/L	200	190	94	84.6-115.4

SAMPLE DUPLICATE: 3921311

Original: T2110752003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD Qualifiers
WET CHEMISTRY					
Carbonaceous BOD (CBOD)	mg/L	330	320	2	20
QC Batch:	DGM/1886	Analysis Method:		EPA 200.7	
QC Batch Method:	EPA 200.7	Prepared:		06/15/2021 11:00	
Associated Lab Samples: T2110750001					

METHOD BLANK: 3922715

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Silver	mg/L	0.0080	0.0080 U
Arsenic	mg/L	0.0080	0.0080 U
Cadmium	mg/L	0.0010	0.0010 U
Chromium	mg/L	0.0050	0.0050 U
Copper	mg/L	0.0050	0.0050 U
Molybdenum	mg/L	0.0040	0.0040 U
Nickel	mg/L	0.0080	0.0080 U

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110750 Transfer Station Leachate Tank

METHOD BLANK: 3922715

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Lead	mg/L	0.0030	0.0030 U
Selenium	mg/L	0.040	0.040 U
Zinc	mg/L	0.050	0.050 U

LABORATORY CONTROL SAMPLE: 3922716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
METALS					
Arsenic	mg/L	1	0.96	96	85-115
Cadmium	mg/L	0.1	0.098	98	85-115
Chromium	mg/L	1	1.0	100	85-115
Copper	mg/L	1	1.0	102	85-115
Molybdenum	mg/L	0.1	0.11	115	85-115
Nickel	mg/L	1	0.99	99	85-115
Lead	mg/L	1	0.99	99	85-115
Selenium	mg/L	1	0.95	95	85-115
Zinc	mg/L	1	0.96	96	85-115

LABORATORY CONTROL SAMPLE: 3922716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
METALS					
Silver	mg/L	0.1	0.10	102	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3922717 3922718 Original: T2110792001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
METALS											
Silver	mg/L	0	0.1	0.13	0.13	127	127	70-130	0	20	
Arsenic	mg/L	0.0017	1	1.1	1.1	107	107	70-130	0	20	
Cadmium	mg/L	0	0.1	0.099	0.099	99	99	70-130	0	20	
Chromium	mg/L	0.0004	1	1.0	1.0	103	102	70-130	1	20	
Copper	mg/L	0.0012	1	1.0	1.0	102	102	70-130	1	20	
Molybdenum	mg/L	0	0.1	0.12	0.12	119	121	70-130	1	20	
Nickel	mg/L	0.004	1	0.96	0.94	96	94	70-130	2	20	
Lead	mg/L	0.021	1	0.98	0.97	96	95	70-130	1	20	

Report ID: 1063448 - 1028819

Page 6 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110750 Transfer Station Leachate Tank

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3922717 3922718 Original: T2110792001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Selenium	mg/L	0	1	1.1	1.1	109	109	70-130	0	20	
Zinc	mg/L	0.05	1	0.99	0.97	94	92	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3922719 3922720 Original: T2110776009

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Silver	mg/L	0	0.1	0.11	0.12	115	118	70-130	2	20	
Arsenic	mg/L	0	1	0.93	0.96	93	96	70-130	4	20	
Cadmium	mg/L	0	0.1	0.096	0.098	96	98	70-130	3	20	
Chromium	mg/L	0.0038	1	1.0	1.0	101	104	70-130	3	20	
Copper	mg/L	0.0025	1	1.0	1.0	103	105	70-130	2	20	
Molybdenum	mg/L	0	0.1	0.12	0.12	122	120	70-130	1	20	
Nickel	mg/L	0.002	1	1.0	1.0	103	101	70-130	2	20	
Lead	mg/L	0	1	0.98	1.0	98	100	70-130	2	20	
Selenium	mg/L	0.001	1	0.92	0.96	92	96	70-130	4	20	
Zinc	mg/L	0.0044	1	1.0	0.98	101	98	70-130	3	20	

QC Batch: DGM/1897

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Prepared: 06/16/2021 11:30

Associated Lab Samples: T2110750001

METHOD BLANK: 3924424

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Mercury	mg/L	0.000011	0.000011	U

LABORATORY CONTROL SAMPLE: 3924425

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Mercury	mg/L	0.001	0.00097	97	85-115	

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110750 Transfer Station Leachate Tank

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3924426 3924427 Original: T2110630001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
METALS											
Mercury	mg/L	7.8e-005	0.001	0.00087	0.00088	79	80	70-130	1	20	

QC Batch: WCAI/4950 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Prepared:
Associated Lab Samples: T2110750001

METHOD BLANK: 3925927

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Total Suspended Solids	mg/L	1.0	1.0	U

LABORATORY CONTROL SAMPLE: 3925928

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Total Suspended Solids	mg/L	200	210	103	85-115	

SAMPLE DUPLICATE: 3925929 Original: T2110740002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
WET CHEMISTRY						
Total Suspended Solids	mg/L		5900	3	10	

QC Batch: WCAm/2768 Analysis Method: EPA 1664 A
QC Batch Method: EPA 1664 A Prepared:
Associated Lab Samples: T2110750001

METHOD BLANK: 3927276

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				

Report ID: 1063448 - 1028819

Page 8 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110750 Transfer Station Leachate Tank

METHOD BLANK: 3927276

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Oil & Grease (HEM)	mg/L	1.3	1.3 U

LABORATORY CONTROL SAMPLE & LCSD: 3927277 3927278

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD Qualifiers
WET CHEMISTRY Oil & Grease (HEM)	mg/L	40	35	36	89	89	78-114	1	18

MATRIX SPIKE SAMPLE: 3927279 Original: M2102611002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY Oil & Grease (HEM)	mg/L	2	40	33	78	78-114	

QUALITY CONTROL DATA QUALIFIERS

Workorder: T2110750 Transfer Station Leachate Tank

QUALITY CONTROL PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result
- [1] Samples ran by AA

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2110750 Transfer Station Leachate Tank

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2110750001	Raw Leachate - NWTS			SM 5210B	WCA/4869
T2110750001	Raw Leachate - NWTS	EPA 200.7	DGMt/1886	EPA 200.7	ICPt/1545
T2110750001	Raw Leachate - NWTS	EPA 245.1	DGMt/1897	EPA 245.1	CVAt/1229
T2110750001	Raw Leachate - NWTS			SM 2540D	WCA/4950
T2110750001	Raw Leachate - NWTS			EPA 1664 A	WCAm/2768
T2110750001	Raw Leachate - NWTS	Field Measurements	FLDt/	Field Measurements	FLDt/

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Tallahassee: 2639 North Monroe St. Suite D, FL 32303 • 850.216.0274 • Lab ID: E811095

Tampa: 9610 Princess Palm Ave. • 33615 • 813.635.9816 • Lap ID: E84539

* T 2 1 1 0 7 5 0 *

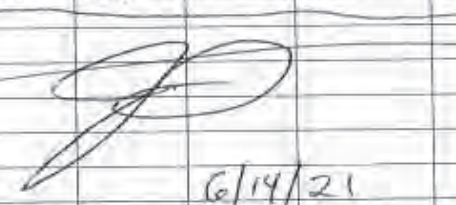
Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Site-Address:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Transfer Station Leachate Tanks		SITE LOCATION: Closed Northwest Landfill	
WELL NO: Raw Leachate - NWTS		SAMPLE ID: NWTS	DATE: 6/14/21

PURGING DATA

PURGING DATA											
WELL DIAMETER (inches): N/A		TUBING DIAMETER (inches): N/A		WELL SCREEN INTERVAL DEPTH: N/A feet to N/A feet		STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE OR BAILER: N/A			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (N/A feet - N/A feet) X N/A gallons/foot = N/A gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME - (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A		FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A		PURGING INITIATED AT: N/A		PURGING ENDED AT: N/A		TOTAL VOLUME PURGED (gallons): N/A			
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0952	N/A	N/A	N/A	N/A	6.93	28.7	505	0.43	N/A	Black	Leachate
											
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** $\pm 0.2^\circ\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$, optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Revision Date: February 2009



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTs Transfer Station Leachate (T2123814)

January 19, 2022

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2123814 NWTs Transfer Station Leachate

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday December 15, 2021. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heidi Parker, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTs Transfer Station Leachate (T2123814)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2123814001	NWTs Transfer Station Leachate	WA	EPA 200.7	12/15/2021 10:37	12/15/2021 12:51	10
T2123814001	NWTs Transfer Station Leachate	WA	EPA 245.1	12/15/2021 10:37	12/15/2021 12:51	1
T2123814001	NWTs Transfer Station Leachate	WA	Field Measurements	12/15/2021 10:37	12/15/2021 12:51	5
T2123814001	NWTs Transfer Station Leachate	WA	SM 2540D	12/15/2021 10:37	12/15/2021 12:51	1
T2123814001	NWTs Transfer Station Leachate	WA	SM 5210B	12/15/2021 10:37	12/15/2021 12:51	1

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTS Transfer Station Leachate (T2123814)

Analytical Results Qualifiers

Parameter Qualifiers

- | | |
|---|--|
| U | The compound was analyzed for but not detected. |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |

Lab Qualifiers

- | | |
|----|--|
| T^ | Not Certified |
| T | DOH Certification #E84589 (FL NELAC) AEL-Tampa |

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: NWTs Transfer Station Leachate (T2123814)

Analytical Results

Lab ID:	T2123814001	Date Collected:	12/15/2021 10:37			Matrix:	Water	
Sample ID:	NWTS Transfer Station Leachate	Date Received:	12/15/2021 12:51					
Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	8263	umhos/cm			1	12/15/2021 10:37	12/15/2021 10:37	
Dissolved Oxygen	0.23	mg/L			1	12/15/2021 10:37	12/15/2021 10:37	
ORP-2580BW	-336.3	mV			1	12/15/2021 10:37	12/15/2021 10:37	
Temperature	25.9	°C			1	12/15/2021 10:37	12/15/2021 10:37	
pH	7.13	SU			1	12/15/2021 10:37	12/15/2021 10:37	
METALS (EPA 200.7)								
Arsenic	0.061	mg/L	0.010	0.0080	1	12/21/2021 13:00	12/22/2021 12:00	T
Cadmium	0.029	mg/L	0.0020	0.0010	1	12/21/2021 13:00	12/22/2021 12:00	T
Chromium	0.28	mg/L	0.010	0.0050	1	12/21/2021 13:00	12/22/2021 12:00	T
Copper	1.9	mg/L	0.010	0.0050	1	12/21/2021 13:00	12/22/2021 12:00	T
Lead	0.45	mg/L	0.010	0.0030	1	12/21/2021 13:00	12/22/2021 12:00	T
Molybdenum	0.11	mg/L	0.010	0.0040	1	12/21/2021 13:00	12/22/2021 12:00	T
Nickel	0.33	mg/L	0.010	0.0080	1	12/21/2021 13:00	12/22/2021 12:00	T
Selenium	0.040 U	mg/L	0.10	0.040	1	12/21/2021 13:00	12/22/2021 12:00	T
Silver	0.0080 U	mg/L	0.010	0.0080	1	12/21/2021 13:00	12/22/2021 12:00	T
Zinc	22	mg/L	0.10	0.050	1	12/21/2021 13:00	12/22/2021 12:00	T
METALS (EPA 245.1)								
Mercury	0.0023	mg/L	0.00010	0.000011	1	12/16/2021 09:00	12/16/2021 14:38	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	10300	mg/L	100	100	100	12/21/2021 13:30	12/21/2021 13:30	T
WET CHEMISTRY (SM 5210B)								
Carbonaceous BOD (CBOD)	1980	mg/L	20	20	10	12/15/2021 16:04	12/15/2021 16:04	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTS Transfer Station Leachate (T2123814)

Analytical Results

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTs Transfer Station Leachate (T2123814)

QC Results

QC Batch: CVA1/1449
Preparation Method: EPA 245.1
Associated Lab IDs: T2123814001

Analysis Method: EPA 245.1

Method Blank(4139323)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011 U	mg/L	0.00010	0.000011	T

Lab Control Sample (4139324)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	94	85 - 115	T

Matrix Spike (4139325); Matrix Spike Duplicate (4139326); Parent Lab Sample (T2123680001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	95	70 - 130	0	96	1	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: NWTS Transfer Station Leachate (T2123814)

QC Results

QC Batch: ICPt/2202
Preparation Method: EPA 200.7
Associated Lab IDs: T2123814001

Analysis Method: EPA 200.7

Method Blank(4144940)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.0080 U	mg/L	0.010	0.0080	T
Arsenic	0.0080 U	mg/L	0.010	0.0080	T
Cadmium	0.0010 U	mg/L	0.0020	0.0010	T
Chromium	0.0050 U	mg/L	0.010	0.0050	T
Copper	0.0050 U	mg/L	0.010	0.0050	T
Molybdenum	0.0040 U	mg/L	0.010	0.0040	T
Nickel	0.0080 U	mg/L	0.010	0.0080	T
Lead	0.0030 U	mg/L	0.010	0.0030	T
Selenium	0.040 U	mg/L	0.10	0.040	T
Zinc	0.050 U	mg/L	0.10	0.050	T

Lab Control Sample (4144941)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/L	0.10	.1	101	85 - 115	T
Arsenic	mg/L	1	.99	99	85 - 115	T
Cadmium	mg/L	0.10	.1	101	85 - 115	T
Chromium	mg/L	1	1	103	85 - 115	T
Copper	mg/L	1	1	101	85 - 115	T
Molybdenum	mg/L	0.10	.09	87	85 - 115	T
Nickel	mg/L	1	1	100	85 - 115	T
Lead	mg/L	1	1	104	85 - 115	T
Selenium	mg/L	1	.97	97	85 - 115	T
Zinc	mg/L	1	1	101	85 - 115	T

Matrix Spike (4144942); Matrix Spike Duplicate (4144943); Parent Lab Sample (F2105434001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	79	70 - 130	.08	78	1	20	T
Arsenic	mg/L	1	1.1	106	70 - 130	1.1	105	1	20	T
Cadmium	mg/L	0.10	.1	104	70 - 130	.1	102	2	20	T
Chromium	mg/L	1	1.1	107	70 - 130	1.1	106	1	20	T
Copper	mg/L	1	1.1	105	70 - 130	1	105	0	20	T
Molybdenum	mg/L	0.10	.08	84	70 - 130	.09	86	2	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: NWTs Transfer Station Leachate (T2123814)

QC Batch: ICPt/2202
Preparation Method: EPA 200.7
Associated Lab IDs: T2123814001

Analysis Method: EPA 200.7

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nickel	mg/L	1	1	102	70 - 130	1	102	0	20	T
Lead	mg/L	1	1	104	70 - 130	1	103	1	20	T
Selenium	mg/L	1	1	104	70 - 130	1	102	2	20	T
Zinc	mg/L	1	1	103	70 - 130	1	104	1	20	T

Matrix Spike (4144944); Matrix Spike Duplicate (4144945); Parent Lab Sample (A2110775001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	82	70 - 130	.08	82			T
Arsenic	mg/L	1	1	104	70 - 130	1	104	0	20	T
Cadmium	mg/L	0.10	.1	103	70 - 130	.1	103			T
Chromium	mg/L	1	1.1	106	70 - 130	1.1	107			T
Copper	mg/L	1	1	105	70 - 130	1.1	105	0	20	T
Molybdenum	mg/L	0.10	.09	90	70 - 130	.09	89			T
Nickel	mg/L	1	1	101	70 - 130	1	101			T
Lead	mg/L	1	1	104	70 - 130	1	105			T
Selenium	mg/L	1	1	102	70 - 130	1	102			T
Zinc	mg/L	1	1	102	70 - 130	1	103			T

Lab Control Sample (4144941)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/L	0.10	.1	101	85 - 115	T
Arsenic	mg/L	1	.99	99	85 - 115	T
Cadmium	mg/L	0.10	.1	101	85 - 115	T
Chromium	mg/L	1	1	103	85 - 115	T
Copper	mg/L	1	1	101	85 - 115	T
Molybdenum	mg/L	0.10	.09	87	85 - 115	T
Nickel	mg/L	1	1	100	85 - 115	T
Lead	mg/L	1	1	104	85 - 115	T
Selenium	mg/L	1	.97	97	85 - 115	T
Zinc	mg/L	1	1	101	85 - 115	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTs Transfer Station Leachate (T2123814)

QC Results

QC Batch: WCA/9045
Preparation Method: SM 5210B
Associated Lab IDs: T2123814001

Analysis Method: SM 5210B

Method Blank(4138027)

Parameter	Results	Units	PQL	MDL	Lab
Carbonaceous BOD (CBOD)	2.0 U	mg/L	2.0	2.0	T

Lab Control Sample (4138028)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Carbonaceous BOD (CBOD)	mg/L	198	204	103	84.60 - 115.40	T

Sample Duplicate (4138029)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Carbonaceous BOD (CBOD)	248.02	263.77	mg/L	6	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTS Transfer Station Leachate (T2123814)

QC Results

QC Batch: WCA/9171
Preparation Method: SM 2540D
Associated Lab IDs: T2123814001

Analysis Method: SM 2540D

Method Blank(4144286)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	T

Lab Control Sample (4144287)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	220	110	85 - 115	T

Sample Duplicate (4144288)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	10280	10460	mg/L	2	10	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: NWTS Transfer Station Leachate (T2123814)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1449 - EPA 245.1			
T2123814001	NWTS Transfer Station Leachate	DGMt/3047	EPA 245.1
ICPt/2202 - EPA 200.7			
T2123814001	NWTS Transfer Station Leachate	DGMt/3077	EPA 200.7
WCAI/9045 - SM 5210B			
T2123814001	NWTS Transfer Station Leachate		
WCAI/9171 - SM 2540D			
T2123814001	NWTS Transfer Station Leachate		

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

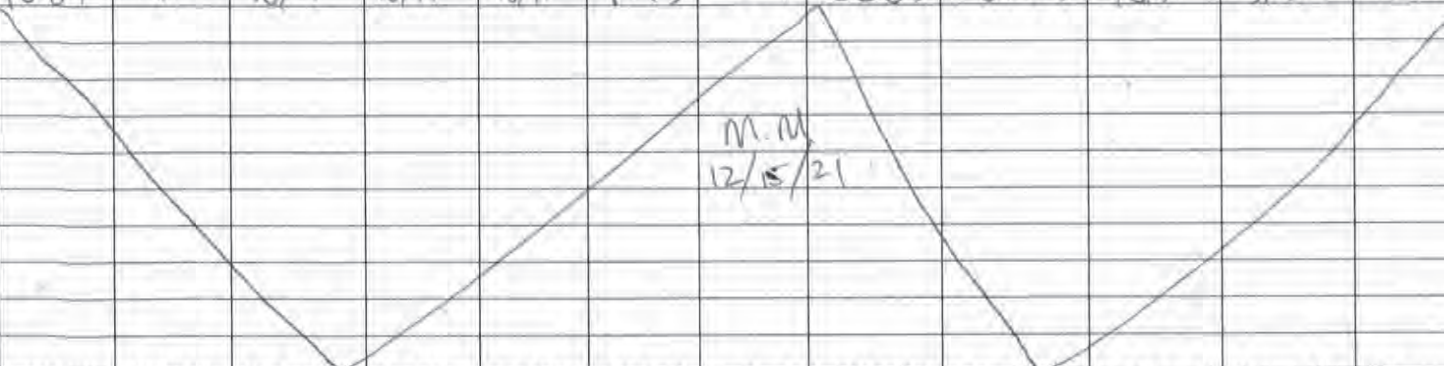
 Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Site-Address:

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Transfer Station Leachate Tanks		SITE LOCATION: Closed Northwest Landfill	
WELL NO: Raw Leachate - NWTS	SAMPLE ID: NWTS	DATE: 12/15/2021	

PURGING DATA

WELL DIAMETER (inches): N/A		TUBING DIAMETER (inches): N/A		WELL SCREEN INTERVAL DEPTH: N/A feet to N/A feet		STATIC DEPTH TO WATER (feet): N/A		PURGE PUMP TYPE OR BAILER: N/A			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (\quad \text{N/A} \quad \text{feet} - \quad \text{N/A} \quad \text{feet}) \times \quad \text{N/A} \quad \text{gallons/foot} = \quad \text{N/A} \quad \text{gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{N/A} \text{ gallons} + (\quad \text{N/A} \text{ gallons/foot} \times \quad \text{N/A} \text{ feet}) + \quad \text{N/A} \text{ gallons} = \quad \text{N/A} \text{ gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A			FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A			PURGING INITIATED AT: N/A		PURGING ENDED AT: N/A		TOTAL VOLUME PURGED (gallons): N/A	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:37	N/A	N/A	N/A	N/A	7.13	25.9	8263	0.23	N/A	Black	Leachate
											
M.M. 12/15/21											
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>M. Morales</i>				SAMPLER(S) SIGNATURE(S): <i>M. Morales</i>				SAMPLING INITIATED AT: <i>1037</i>		SAMPLING ENDED AT: <i>1042</i>	
PUMP OR TUBING DEPTH IN WELL (feet): <i>N/A</i>				TUBING MATERIAL CODE: <i>N/A</i>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Filtration Equipment Type:			FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y <input type="checkbox"/> N <input checked="" type="checkbox"/> <i>Dedicated</i>						TUBING Y <input type="checkbox"/> N <input checked="" type="checkbox"/> <i>Dedicated</i>			DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
SEE C.O.C. FOR SAMPLE ANALYSIS							ORP: <i>1037 (-336.3)</i>				
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 2009



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

June 27, 2022

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2211448 Transfer Station Leachate Tank

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday June 9, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heidi Parker, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
T2211448001	Raw Leachate- NWTS	WA	EPA 200.7	06/09/2022 08:35	06/09/2022 09:41	10	NA
T2211448001	Raw Leachate- NWTS	WA	EPA 245.1	06/09/2022 08:35	06/09/2022 09:41	1	NA
T2211448001	Raw Leachate- NWTS	WA	Field Measurements	06/09/2022 08:35	06/09/2022 09:41	5	NA
T2211448001	Raw Leachate- NWTS	WA	SM 2540D	06/09/2022 08:35	06/09/2022 09:41	1	NA
T2211448001	Raw Leachate- NWTS	WA	SM 5210B	06/09/2022 08:35	06/09/2022 09:41	1	NA

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

Analytical Results Qualifiers

Parameter Qualifiers

- | | |
|---|--|
| U | The compound was analyzed for but not detected. |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |

Lab Qualifiers

- | | |
|----|--|
| T^ | Not Certified |
| T | DOH Certification #E84589 (FL NELAC) AEL-Tampa |

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

Analytical Results

Lab ID: T2211448001
Sample ID: Raw Leachate- NWTs

Date Collected: 06/09/2022 08:35
Date Received: 06/09/2022 09:41

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	6450	umhos/cm			1	06/09/2022 08:35	06/09/2022 08:35	
Dissolved Oxygen	1.82	mg/L			1	06/09/2022 08:35	06/09/2022 08:35	
ORP-2580BW	-318.4	mV			1	06/09/2022 08:35	06/09/2022 08:35	
Temperature	27.5	°C			1	06/09/2022 08:35	06/09/2022 08:35	
pH	6.78	SU			1	06/09/2022 08:35	06/09/2022 08:35	
METALS (EPA 200.7)								
Arsenic	6.5	mg/L	1.0	0.80	1	06/16/2022 11:00	06/16/2022 19:22	T
Cadmium	2.0	mg/L	0.20	0.10	1	06/16/2022 11:00	06/16/2022 19:22	T
Chromium	24	mg/L	1.0	0.50	1	06/16/2022 11:00	06/16/2022 19:22	T
Copper	160	mg/L	1.0	0.50	1	06/16/2022 11:00	06/16/2022 19:22	T
Lead	41	mg/L	1.0	0.30	1	06/16/2022 11:00	06/16/2022 19:22	T
Molybdenum	9.4	mg/L	5.0	0.40	1	06/16/2022 11:00	06/16/2022 19:22	T
Nickel	39	mg/L	1.0	0.80	1	06/16/2022 11:00	06/16/2022 19:22	T
Selenium	4.0 U	mg/L	10	4.0	1	06/16/2022 11:00	06/16/2022 19:22	T
Silver	0.80 U	mg/L	1.0	0.80	1	06/16/2022 11:00	06/16/2022 19:22	T
Zinc	1900	mg/L	10	5.0	1	06/16/2022 11:00	06/16/2022 19:22	T
METALS (EPA 245.1)								
Mercury	0.000011 U	mg/L	0.00010	0.000011	1	06/14/2022 09:00	06/15/2022 10:24	T
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	18200	mg/L	50	50	50	06/15/2022 11:00	06/15/2022 11:00	T
WET CHEMISTRY (SM 5210B)								
Carbonaceous BOD (CBOD)	2980	mg/L	20	20	10	06/09/2022 14:08	06/09/2022 14:08	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

Analytical Results

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

QC Results

QC Batch: CVA1/1669
Preparation Method: EPA 245.1
Associated Lab IDs: T2211448001

Analysis Method: EPA 245.1

Method Blank(4351776)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011 U	mg/L	0.00010	0.000011	T

Lab Control Sample (4351777)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	97	85 - 115	T

Matrix Spike (4351778); Matrix Spike Duplicate (4351779); Parent Lab Sample (T2211616001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	106	70 - 130	0	113	6	20	T

Matrix Spike (4351780); Matrix Spike Duplicate (4351781); Parent Lab Sample (T2211727001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0005	0	113	70 - 130	0	124	9	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

QC Results

QC Batch: ICPt/2821
Preparation Method: EPA 200.7
Associated Lab IDs: T2211448001

Analysis Method: EPA 200.7

Method Blank(4356515)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.0080 U	mg/L	0.010	0.0080	T
Arsenic	0.0080 U	mg/L	0.010	0.0080	T
Cadmium	0.0010 U	mg/L	0.0020	0.0010	T
Chromium	0.0050 U	mg/L	0.010	0.0050	T
Copper	0.0050 U	mg/L	0.010	0.0050	T
Molybdenum	0.0040 U	mg/L	0.050	0.0040	T
Nickel	0.0080 U	mg/L	0.010	0.0080	T
Lead	0.0030 U	mg/L	0.010	0.0030	T
Selenium	0.040 U	mg/L	0.10	0.040	T
Zinc	0.050 U	mg/L	0.10	0.050	T

Lab Control Sample (4356516); Lab Control Sample Duplicate (4357394)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.09	91	85 - 115	.09	93	3	20	T
Arsenic	mg/L	1	.96	96	85 - 115	1	100	4	20	T
Cadmium	mg/L	0.10	.1	100	85 - 115	.1	96	4	20	T
Chromium	mg/L	1	.96	96	85 - 115	1	102	7	20	T
Copper	mg/L	1	.96	96	85 - 115	.98	98	2	20	T
Molybdenum	mg/L	0.10	.09	91	85 - 115	.1	100	9	20	T
Nickel	mg/L	1	.97	97	85 - 115	.92	92	5	20	T
Lead	mg/L	1	1	103	85 - 115	.96	96	7	20	T
Selenium	mg/L	1	.94	94	85 - 115	.93	93	1	20	T
Zinc	mg/L	1	.97	97	85 - 115	.97	97	0	20	T

Matrix Spike (4356517); Matrix Spike Duplicate (4356518); Parent Lab Sample (A2204923003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.1	102	70 - 130	.1	104	2	20	T
Arsenic	mg/L	1	1.1	109	70 - 130	1.1	109	1	20	T
Cadmium	mg/L	0.10	.11	108	70 - 130	.11	109	1	20	T
Chromium	mg/L	1	1	105	70 - 130	1.1	106	1	20	T
Copper	mg/L	1	1.1	105	70 - 130	1.1	106	1	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

QC Batch: ICPt/2821
Preparation Method: EPA 200.7
Associated Lab IDs: T2211448001

Analysis Method: EPA 200.7

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Molybdenum	mg/L	0.10	.1	103	70 - 130	.1	103	0	20	T
Nickel	mg/L	1	1.1	109	70 - 130	1.1	108	0	20	T
Lead	mg/L	1	1.1	110	70 - 130	1.1	111	1	20	T
Selenium	mg/L	1	1.1	105	70 - 130	1.1	106	1	20	T
Zinc	mg/L	1	1.2	109	70 - 130	1.2	110	0	20	T

Matrix Spike (4356519); Matrix Spike Duplicate (4356520); Parent Lab Sample (G2204846004)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	83	70 - 130	.08	82	0	20	T
Arsenic	mg/L	1	1.1	110	70 - 130	1.1	110	0	20	T
Cadmium	mg/L	0.10	.11	109	70 - 130	.11	109	0	20	T
Chromium	mg/L	1	1	105	70 - 130	1	105	0	20	T
Copper	mg/L	1	1	105	70 - 130	1	104	0	20	T
Molybdenum	mg/L	0.10	.08	82	70 - 130	.08	83	2	20	T
Nickel	mg/L	1	1.1	108	70 - 130	1.1	109	0	20	T
Lead	mg/L	1	1.1	110	70 - 130	1.1	110	0	20	T
Selenium	mg/L	1	1.1	107	70 - 130	1.1	106	1	20	T
Zinc	mg/L	1	1.1	114	70 - 130	1.1	114	0	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

QC Results

QC Batch: WCA/12742
Preparation Method: SM 5210B
Associated Lab IDs: T2211448001

Analysis Method: SM 5210B

Method Blank(4347137)

Parameter	Results	Units	PQL	MDL	Lab
Carbonaceous BOD (CBOD)	2.0 U	mg/L	2.0	2.0	T

Lab Control Sample (4347138)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Carbonaceous BOD (CBOD)	mg/L	198	193	98	84.60 - 115.40	T

Sample Duplicate (4347139)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Carbonaceous BOD (CBOD)	2977.25	2914.75	mg/L	2	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

QC Results

QC Batch: WCA/12780
Preparation Method: SM 2540D
Associated Lab IDs: T2211448001

Analysis Method: SM 2540D

Method Blank(4349272)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	T

Lab Control Sample (4349273)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	184	92	85 - 115	T

Sample Duplicate (4349274)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	4490	4330	mg/L	4	10	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2211448)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1669 - EPA 245.1			
T2211448001	Raw Leachate- NWTs	DGMt/4031	EPA 245.1
ICPt/2821 - EPA 200.7			
T2211448001	Raw Leachate- NWTs	DGMt/4050	EPA 200.7
WCAt/12742 - SM 5210B			
T2211448001	Raw Leachate- NWTs		
WCAt/12780 - SM 2540D			
T2211448001	Raw Leachate- NWTs		

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

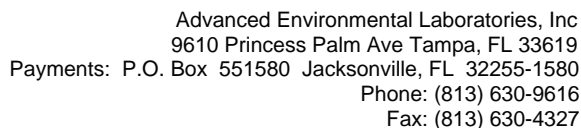




☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

☒ Tampa: 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Site-Address:



Workorder: Transfer Station Leachate Tank (T2211448)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 2009



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

January 10, 2023

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2225428 Transfer Station Leachate Tank

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday December 14, 2022. Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heidi Parker, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
T2225428001	Raw Leachate-NWTS	WA	EPA 1664 A	12/14/2022 08:40	12/14/2022 10:35	2	NA
T2225428001	Raw Leachate-NWTS	WA	EPA 200.7	12/14/2022 08:40	12/14/2022 10:35	10	NA
T2225428001	Raw Leachate-NWTS	WA	EPA 245.1	12/14/2022 08:40	12/14/2022 10:35	1	NA
T2225428001	Raw Leachate-NWTS	WA	Field Measurements	12/14/2022 08:40	12/14/2022 10:35	5	NA
T2225428001	Raw Leachate-NWTS	WA	SM 2540D	12/14/2022 08:40	12/14/2022 10:35	1	NA
T2225428001	Raw Leachate-NWTS	WA	SM 5210B	12/14/2022 08:40	12/14/2022 10:35	1	NA

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

Workorder Summary

Task Comments

T2225428001 (Raw Leachate-NWTS) - WCAm/10173 - Oil & Grease-HEM,SM1664A,Water

Y|The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Analysis Results Comments

T2225428001 (Raw Leachate-NWTS) - Oil & Grease (HEM)

Y|The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

Analytical Results Qualifiers

Parameter Qualifiers

- | | |
|---|--|
| U | The compound was analyzed for but not detected. |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |

Lab Qualifiers

- | | |
|----|--|
| M | DOH Certification #E82535 (FL NELAC) AEL-Miami |
| T^ | Not Certified |
| T | DOH Certification #E84589 (FL NELAC) AEL-Tampa |

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

Analytical Results

Lab ID: T2225428001
Sample ID: Raw Leachate-NWTS

Date Collected: 12/14/2022 08:40
Date Received: 12/14/2022 10:35

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	10722	umhos/cm			1	12/14/2022 08:40	12/14/2022 08:40	
Dissolved Oxygen	6.5	mg/L			1	12/14/2022 08:40	12/14/2022 08:40	
ORP-2580BW	-322.7	mV			1	12/14/2022 08:40	12/14/2022 08:40	
Temperature	25.6	°C			1	12/14/2022 08:40	12/14/2022 08:40	
pH	7.4	SU			1	12/14/2022 08:40	12/14/2022 08:40	
METALS (EPA 200.7)								
Arsenic	0.011	mg/L	0.010	0.0080	1	12/15/2022 11:00	12/16/2022 11:46	T
Cadmium	0.0010 U	mg/L	0.0020	0.0010	1	12/15/2022 11:00	12/16/2022 11:46	T
Chromium	0.011	mg/L	0.010	0.0050	1	12/15/2022 11:00	12/16/2022 11:46	T
Copper	0.016	mg/L	0.010	0.0050	1	12/15/2022 11:00	12/16/2022 11:46	T
Lead	0.0040 I	mg/L	0.010	0.0030	1	12/15/2022 11:00	12/16/2022 11:46	T
Molybdenum	0.0040 U	mg/L	0.050	0.0040	1	12/15/2022 11:00	12/16/2022 11:46	T
Nickel	0.061	mg/L	0.010	0.0080	1	12/15/2022 11:00	12/16/2022 11:46	T
Selenium	0.040 U	mg/L	0.10	0.040	1	12/15/2022 11:00	12/16/2022 11:46	T
Silver	0.0080 U	mg/L	0.010	0.0080	1	12/15/2022 11:00	12/16/2022 11:46	T
Zinc	0.19	mg/L	0.10	0.050	1	12/15/2022 11:00	12/16/2022 11:46	T
METALS (EPA 245.1)								
Mercury	0.000015 I	mg/L	0.00010	0.000011	1	12/19/2022 10:20	12/20/2022 11:09	T
WET CHEMISTRY (EPA 1664 A)								
Oil & Grease (HEM)	1400	mg/L	4.0	1.3	1	12/28/2022 13:50	12/28/2022 13:50	M
Oil & Grease (HEM-SGT/TPH)	56	mg/L	4.0	1.4	1	12/28/2022 18:42	12/28/2022 18:42	M
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	500	mg/L	100	100	100	12/20/2022 06:45	12/20/2022 06:45	T
WET CHEMISTRY (SM 5210B)								
Carbonaceous BOD (CBOD)	306	mg/L	2.0	2.0	1	12/14/2022 13:08	12/14/2022 13:08	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

Analytical Results

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Results

QC Batch: CVA1/1830
Preparation Method: EPA 245.1
Associated Lab IDs: T2225428001

Analysis Method: EPA 245.1

Method Blank(4593430)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011 U	mg/L	0.00010	0.000011	T

Lab Control Sample (4593431)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	100	85 - 115	T

Matrix Spike (4593432); Matrix Spike Duplicate (4593433); Parent Lab Sample (G2210669001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	112	70 - 130	0	110	2	20	T

Tuesday, January 10, 2023 9:46:21 AM
Dates and times are displayed using (-05:00)
Page 7 of 16

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

POWERED BY
HORIZON
v.13.0.0



NELAP Accredited E84589



FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Results

QC Batch: ICP1/3311
Preparation Method: EPA 200.7
Associated Lab IDs: T2225428001

Analysis Method: EPA 200.7

Method Blank(4589554)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.0080 U	mg/L	0.010	0.0080	T
Arsenic	0.0080 U	mg/L	0.010	0.0080	T
Cadmium	0.0010 U	mg/L	0.0020	0.0010	T
Chromium	0.0050 U	mg/L	0.010	0.0050	T
Copper	0.0050 U	mg/L	0.010	0.0050	T
Molybdenum	0.0040 U	mg/L	0.050	0.0040	T
Nickel	0.0080 U	mg/L	0.010	0.0080	T
Lead	0.0030 U	mg/L	0.010	0.0030	T
Selenium	0.040 U	mg/L	0.10	0.040	T
Zinc	0.050 U	mg/L	0.10	0.050	T

Lab Control Sample (4589555)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/L	0.10	.09	86	85 - 115	T
Arsenic	mg/L	1	.88	88	85 - 115	T
Cadmium	mg/L	0.10	.1	98	85 - 115	T
Chromium	mg/L	1	.91	91	85 - 115	T
Copper	mg/L	1	.89	89	85 - 115	T
Molybdenum	mg/L	0.10	.09	89	85 - 115	T
Nickel	mg/L	1	.96	96	85 - 115	T
Lead	mg/L	1	.94	94	85 - 115	T
Selenium	mg/L	1	.89	89	85 - 115	T
Zinc	mg/L	1	.94	94	85 - 115	T

Matrix Spike (4589556); Matrix Spike Duplicate (4589557); Parent Lab Sample (T2225519001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	79	70 - 130	.08	80	1	20	T
Arsenic	mg/L	1	1	103	70 - 130	1	103	0	20	T
Cadmium	mg/L	0.10	.11	112	70 - 130	.11	113	1	20	T
Chromium	mg/L	1	1	102	70 - 130	1	103	1	20	T
Copper	mg/L	1	1	100	70 - 130	1	100	0	20	T
Molybdenum	mg/L	0.10	.08	82	70 - 130	.08	80	1	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Batch: ICPt/3311
Preparation Method: EPA 200.7
Associated Lab IDs: T2225428001

Analysis Method: EPA 200.7

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nickel	mg/L	1	1.1	105	70 - 130	1.1	108	3	20	T
Lead	mg/L	1	1	102	70 - 130	1	103	1	20	T
Selenium	mg/L	1	1.1	107	70 - 130	1.1	108	1	20	T
Zinc	mg/L	1	1	104	70 - 130	1.1	108	4	20	T

Matrix Spike (4589558); Matrix Spike Duplicate (4589559); Parent Lab Sample (T2225389001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	77	70 - 130	.08	77	0	20	T
Arsenic	mg/L	1	.94	94	70 - 130	.95	95	0	20	T
Cadmium	mg/L	0.10	.11	105	70 - 130	.11	105	0	20	T
Chromium	mg/L	1	.96	96	70 - 130	.96	96	0	20	T
Copper	mg/L	1	.96	94	70 - 130	.95	94	0	20	T
Molybdenum	mg/L	0.10	.08	76	70 - 130	.07	71	7	20	T
Nickel	mg/L	1	.96	96	70 - 130	.95	95	1	20	T
Lead	mg/L	1	.95	95	70 - 130	.95	95	0	20	T
Selenium	mg/L	1	.98	98	70 - 130	.98	98	0	20	T
Zinc	mg/L	1	1.1	97	70 - 130	1	93	4	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Results

QC Batch: WCAm/10173
Preparation Method: EPA 1664 A
Associated Lab IDs: T2225428001

Analysis Method: EPA 1664 A

Method Blank(4604426)

Parameter	Results	Units	PQL	MDL	Lab
Oil & Grease (HEM)	1.3 U	mg/L	4.0	1.3	M

Lab Control Sample (4604427); Lab Control Sample Duplicate (4604428); Parent Lab Sample (T2225428001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Oil & Grease (HEM)	mg/L	40	39	97	78 - 114	32	81	18	18	M

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Results

QC Batch: WCAm/10174
Preparation Method: EPA 1664 A
Associated Lab IDs: T2225428001

Analysis Method: EPA 1664 A

Method Blank(4604431)

Parameter	Results	Units	PQL	MDL	Lab
Oil & Grease (HEM-SGT/TPH)	1.4 U	mg/L	4.0	1.4	M

Lab Control Sample (4604432); Lab Control Sample Duplicate (4604433); Parent Lab Sample (T2225428001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Oil & Grease (HEM-SGT/T	mg/L	20	16	82	64 - 132	15	77	6	34	M

Matrix Spike (4607712); Parent Lab Sample (M2207116001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Oil & Grease (HEM-SGT/TPH)	mg/L	20	22	99	64 - 132	M

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Results

QC Batch: WCA/16895
Preparation Method: SM 5210B
Associated Lab IDs: T2225428001

Analysis Method: SM 5210B

Method Blank(4588791)

Parameter	Results	Units	PQL	MDL	Lab
Carbonaceous BOD (CBOD)	2.0 U	mg/L	2.0	2.0	T

Lab Control Sample (4588792)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Carbonaceous BOD (CBOD)	mg/L	198	203	103	84.60 - 115.40	T

Sample Duplicate (4588793); Parent Lab Sample (T2225428001)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Carbonaceous BOD (CBOD)	280.96	240.08	mg/L	16	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Results

QC Batch: WCA/17035
Preparation Method: SM 2540D
Associated Lab IDs: T2225428001

Analysis Method: SM 2540D

Method Blank(4595531)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	T

Lab Control Sample (4595532)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	208	104	85 - 115	T

Sample Duplicate (4595533); Parent Lab Sample (T2225428001)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	300	300	mg/L	0	10	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station Leachate Tank (T2225428)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVA/1830 - EPA 245.1			
T2225428001	Raw Leachate-NWTS	DGMt/5328	EPA 245.1
ICP/3311 - EPA 200.7			
T2225428001	Raw Leachate-NWTS	DGMt/5310	EPA 200.7
WCAm/10173 - EPA 1664 A			
T2225428001	Raw Leachate-NWTS		
WCAm/10174 - EPA 1664 A			
T2225428001	Raw Leachate-NWTS		
WCA/16895 - SM 5210B			
T2225428001	Raw Leachate-NWTS		
WCA/17035 - SM 2540D			
T2225428001	Raw Leachate-NWTS		

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





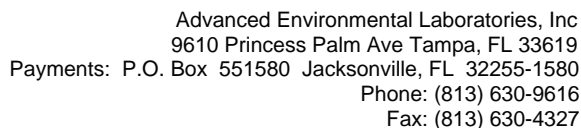
Workorder: Transfer Station Leachate Tank (T2225428)

Tuesday, January 10, 2023 9:46:21 AM
Dates and times are displayed using (-0000)
Page 15 of 16

Certificate of Analysis

This report shall not be reproduced, except in full, without the written consent of Advanced Environmental Laboratories, Inc.





Workorder: Transfer Station Leachate Tank (T2225428)

SITE NAME: Transfer Station Leachate Tanks				SITE LOCATION: Closed Northwest Landfill							
WELL NO: Raw Leachate - NWTS				SAMPLE ID: NWTS				DATE: 12/14/2022			
PURGING DATA											
WELL DIAMETER (inches): N/A		TUBING DIAMETER (inches): N/A		WELL SCREEN INTERVAL DEPTH: N/A feet to N/A feet		STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE OR BAILER: N/A			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (\quad \text{N/A} \quad \text{feet} - \quad \text{N/A} \quad \text{feet}) \times \quad \text{N/A} \quad \text{gallons/foot} = \quad \text{N/A} \quad \text{gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \quad \text{N/A} \quad \text{gallons} + (\quad \text{N/A} \quad \text{gallons/foot} \times \quad \text{N/A} \quad \text{feet}) + \quad \text{N/A} \quad \text{gallons} = \quad \text{N/A} \quad \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A			FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A		PURGING INITIATED AT: N/A		PURGING ENDED AT: N/A		TOTAL VOLUME PURGED (gallons): N/A		
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0846	NA	NA	NA	NA	7.40	25.6	10722	6.5	NA	NA	NA
<div style="text-align: center;"> </div>											
<div style="text-align: center;"> <p>JD</p> <p>12/14/2022</p> </div>											
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 1.02; 8" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.018											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

[illegible]

Revision Date: February 2009

Certificate of Analysis
This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



POWERED BY
HORIZON
v.13.0.0



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

June 29, 2021

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2110720 Transfer Station Leachate Tank

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, June 14, 2021. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Heidi Parker'.

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 1063389 - 1012704

Page 1 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



SAMPLE SUMMARY

Workorder: T2110720 Transfer Station Leachate Tank

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T2110720001	Raw Leachate - SCTS	Water	6/14/2021 11:27	6/14/2021 12:10

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



ANALYTICAL RESULTS

Workorder: T2110720 Transfer Station Leachate Tank

Lab ID: **T2110720001**
Sample ID: **Raw Leachate - SCTS**

Date Received: 06/14/21 12:10 Matrix: Water
Date Collected: 06/14/21 11:27

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements			Analytical Method: Field Measurements					
Conductivity	5645		umhos/cm	1			6/14/2021 11:27	
Dissolved Oxygen	0.97		mg/L	1			6/14/2021 11:27	
ORP-2580BW	-9		mV	1			6/14/2021 11:27	
Temperature	29.4		°C	1			6/14/2021 11:27	
pH	5		SU	1			6/14/2021 11:27	

METALS

Analysis Desc: E200.7 Analysis,Waters			Preparation Method: EPA 200.7						
Analytical Method: EPA 200.7									
Arsenic	0.0080	U	mg/L	1	0.010	0.0080	6/16/2021 14:29	T	
Cadmium	0.0010	U	mg/L	1	0.0020	0.0010	6/16/2021 14:29	T	
Chromium	0.054		mg/L	1	0.010	0.0050	6/16/2021 14:29	T	
Copper	0.077		mg/L	1	0.010	0.0050	6/16/2021 14:29	T	
Lead	0.018		mg/L	1	0.010	0.0030	6/16/2021 14:29	T	
Molybdenum	0.017	I	mg/L	1	0.050	0.0040	6/16/2021 14:29	T	
Nickel	0.096		mg/L	1	0.010	0.0080	6/16/2021 14:29	T	
Selenium	0.040	U	mg/L	1	0.10	0.040	6/16/2021 14:29	T	
Silver	0.0080	U	mg/L	1	0.010	0.0080	6/16/2021 14:29	T	
Zinc	1.7		mg/L	1	0.10	0.050	6/16/2021 14:29	T	

Analysis Desc: EPA 245.1 Analysis, Water			Preparation Method: EPA 245.1						
			Analytical Method: EPA 245.1						
Mercury	0.000093	I	mg/L	1	0.00010	0.000011	6/16/2021 16:40	T	

WET CHEMISTRY

Analysis Desc: Oil & Grease,EPA1664A (HEM),Water			Analytical Method: EPA 1664 A					
Oil & Grease (HEM)	390		mg/L	1	4.0	1.3	6/18/2021 06:00	M
Analysis Desc: TSS,SM2540D,Water			Analytical Method: SM 2540D					
Total Suspended Solids	520		mg/L	25	25	25	6/17/2021 16:00	T
Analysis Desc: CBOD,SM5210B,Water			Analytical Method: SM 5210B					
Carbonaceous BOD (CBOD)	1000		mg/L	10	20	20	6/14/2021 15:06	T

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



ANALYTICAL RESULTS QUALIFIERS

Workorder: T2110720 Transfer Station Leachate Tank

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- M DOH Certification #E82535(AEL-M)(FL NELAC Certification)
- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)
- T^ Not Certified

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110720 Transfer Station Leachate Tank

QC Batch: WCAI/4869 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Prepared:
Associated Lab Samples: T2110720001

METHOD BLANK: 3921309

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Carbonaceous BOD (CBOD)	mg/L	2.0	2.0 U

LABORATORY CONTROL SAMPLE: 3921310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY					
Carbonaceous BOD (CBOD)	mg/L	200	190	94	84.6-115.4

SAMPLE DUPLICATE: 3921311

Original: T2110752003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD Qualifiers
WET CHEMISTRY					
Carbonaceous BOD (CBOD)	mg/L	330	320	2	20

QC Batch: DGM/1886 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Prepared: 06/15/2021 11:00
Associated Lab Samples: T2110720001

METHOD BLANK: 3922715

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Silver	mg/L	0.0080	0.0080 U
Arsenic	mg/L	0.0080	0.0080 U
Cadmium	mg/L	0.0010	0.0010 U
Chromium	mg/L	0.0050	0.0050 U
Copper	mg/L	0.0050	0.0050 U
Molybdenum	mg/L	0.0040	0.0040 U
Nickel	mg/L	0.0080	0.0080 U

Report ID: 1063389 - 1012704

Page 5 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110720 Transfer Station Leachate Tank

METHOD BLANK: 3922715

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Lead	mg/L	0.0030	0.0030 U
Selenium	mg/L	0.040	0.040 U
Zinc	mg/L	0.050	0.050 U

LABORATORY CONTROL SAMPLE: 3922716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
METALS					
Arsenic	mg/L	1	0.96	96	85-115
Cadmium	mg/L	0.1	0.098	98	85-115
Chromium	mg/L	1	1.0	100	85-115
Copper	mg/L	1	1.0	102	85-115
Molybdenum	mg/L	0.1	0.11	115	85-115
Nickel	mg/L	1	0.99	99	85-115
Lead	mg/L	1	0.99	99	85-115
Selenium	mg/L	1	0.95	95	85-115
Zinc	mg/L	1	0.96	96	85-115

LABORATORY CONTROL SAMPLE: 3922716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits Qualifiers
METALS					
Silver	mg/L	0.1	0.10	102	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3922717 3922718 Original: T2110792001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	Max RPD	RPD	Qualifiers
METALS											
Silver	mg/L	0	0.1	0.13	0.13	127	127	70-130	0	20	
Arsenic	mg/L	0.0017	1	1.1	1.1	107	107	70-130	0	20	
Cadmium	mg/L	0	0.1	0.099	0.099	99	99	70-130	0	20	
Chromium	mg/L	0.0004	1	1.0	1.0	103	102	70-130	1	20	
Copper	mg/L	0.0012	1	1.0	1.0	102	102	70-130	1	20	
Molybdenum	mg/L	0	0.1	0.12	0.12	119	121	70-130	1	20	
Nickel	mg/L	0.004	1	0.96	0.94	96	94	70-130	2	20	
Lead	mg/L	0.021	1	0.98	0.97	96	95	70-130	1	20	

Report ID: 1063389 - 1012704

Page 6 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110720 Transfer Station Leachate Tank

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3922717 3922718 Original: T2110792001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Selenium	mg/L	0	1	1.1	1.1	109	109	70-130	0	20	
Zinc	mg/L	0.05	1	0.99	0.97	94	92	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3922719 3922720 Original: T2110776009

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Silver	mg/L	0	0.1	0.11	0.12	115	118	70-130	2	20	
Arsenic	mg/L	0	1	0.93	0.96	93	96	70-130	4	20	
Cadmium	mg/L	0	0.1	0.096	0.098	96	98	70-130	3	20	
Chromium	mg/L	0.0038	1	1.0	1.0	101	104	70-130	3	20	
Copper	mg/L	0.0025	1	1.0	1.0	103	105	70-130	2	20	
Molybdenum	mg/L	0	0.1	0.12	0.12	122	120	70-130	1	20	
Nickel	mg/L	0.002	1	1.0	1.0	103	101	70-130	2	20	
Lead	mg/L	0	1	0.98	1.0	98	100	70-130	2	20	
Selenium	mg/L	0.001	1	0.92	0.96	92	96	70-130	4	20	
Zinc	mg/L	0.0044	1	1.0	0.98	101	98	70-130	3	20	

QC Batch: DGM/1897

Analysis Method: EPA 245.1

QC Batch Method: EPA 245.1

Prepared: 06/16/2021 11:30

Associated Lab Samples: T2110720001

METHOD BLANK: 3924424

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Mercury	mg/L	0.000011	0.000011	U

LABORATORY CONTROL SAMPLE: 3924425

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Mercury	mg/L	0.001	0.00097	97	85-115	

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110720 Transfer Station Leachate Tank

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3924426 3924427 Original: T2110630001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Mercury	mg/L	7.8e-005	0.001	0.00087	0.00088	79	80	70-130	1	20	

QC Batch: WCAI/4951 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Prepared:
Associated Lab Samples: T2110720001

METHOD BLANK: 3925930

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Total Suspended Solids	mg/L	1.0	1.0	U

LABORATORY CONTROL SAMPLE: 3925931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Total Suspended Solids	mg/L	200	200	102	85-115	

SAMPLE DUPLICATE: 3925932 Original: T2110739002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
WET CHEMISTRY						
Total Suspended Solids	mg/L		8200	0	10	

QC Batch: WCAm/2768 Analysis Method: EPA 1664 A
QC Batch Method: EPA 1664 A Prepared:
Associated Lab Samples: T2110720001

METHOD BLANK: 3927276

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				

Report ID: 1063389 - 1012704

Page 8 of 12

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA

Workorder: T2110720 Transfer Station Leachate Tank

METHOD BLANK: 3927276

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Oil & Grease (HEM)	mg/L	1.3	1.3 U

LABORATORY CONTROL SAMPLE & LCSD: 3927277 3927278

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD Qualifiers
WET CHEMISTRY Oil & Grease (HEM)	mg/L	40	35	36	89	89	78-114	1	18

MATRIX SPIKE SAMPLE: 3927279 Original: M2102611002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits Qualifiers
WET CHEMISTRY Oil & Grease (HEM)	mg/L	2	40	33	78	78-114

QUALITY CONTROL DATA QUALIFIERS

Workorder: T2110720 Transfer Station Leachate Tank

QUALITY CONTROL PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result
- [1] Samples ran by AA

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2110720 Transfer Station Leachate Tank

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2110720001	Raw Leachate - SCTS			SM 5210B	WCA/4869
T2110720001	Raw Leachate - SCTS	EPA 200.7	DGMt/1886	EPA 200.7	ICPt/1545
T2110720001	Raw Leachate - SCTS	EPA 245.1	DGMt/1897	EPA 245.1	CVAt/1229
T2110720001	Raw Leachate - SCTS			SM 2540D	WCA/4951
T2110720001	Raw Leachate - SCTS			EPA 1664 A	WCAm/2768
T2110720001	Raw Leachate - SCTS	Field Measurements	FLDt/	Field Measurements	FLDt/

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced
Environmental Laboratories, Inc.

☐ Altamonte Springs: 3801 Horneville Blvd., Ste. 104B, FL 32710 • 407.807.1541 • Lab ID: E5400

☐ Fort Myers: 13100 Winkler Terrace, Ste. 10, FL 33913 • 239.674.8100 • Lab ID: E6400

☐ Jacksonville: 6031 Southside Parkway, FL 32216 • 904.353.8950 • Lab ID: E6200

☐ Tallahassee: 2530 North Monroe St., Suite D, FL 32303 • 904.219.6274 • Lab ID: E6100

Page 1 of 1

☐ Gainesville: 445 SW 11th Ave., FL 32609 • 352.377.2100 • Lab ID: E6300

☐ Miramar: 10200 USA Today Way, FL 32515 • 904.889.2289 • Lab ID: E6000

☐ Tampa: 9610 Riverchase Parkway, FL 33615 • 813.233.0515 • Lab ID: E3400

Client Name: Hills, Co. Public Utilities		Project Name: Transfer Station Leachate Tank		BOTTLE SIZE & TYPE													
Address: 332 North Falkenburg Rd		Project Number: N/A															
Tampa, FL 33619		PO Number: N/A															
Phone: (813) 663-3222		FDEP Facility No.															
FAX: (813) 274-6801		FDEP Facility Address:															
Contact: Michael Townsel																	
Sampled By: <u>Grayson, Morales</u>		Special Instructions:															
Turn Around Time: <u>Standard</u> Rush																	
AEL Profile #		ADAPT		EQUS		Other											
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME		MATRIX	NO. COUNT	Preservation	Oil & Grease - HEM & HEM-SGT	CBOD	TSS	As, Cd, Cr, Cu, Pb	Mo, Hg, Ni, Se, Ag, Zn	LABORATORY I.D. NO.				
	Raw Leachate - SCTS	G	6/14/21	1127	WW	5		X	X	X	X	X	3)				



* T 2 1 1 0 7 2 0 *

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: 1 = 10% H₂PO₄ S = H₂SO₄ N = (HNO₃) T = (Sodium Thiosulfate)

Received on Ice: ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked Temp. when received (observed): 22 °C Temp. when received (corrected): 20 °C

DCN: AD-1305 (web) Form last revised: 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used): J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	6/14/21	1209	<u>[Signature]</u>	6/14/21	1210

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site Address: _____

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Transfer Station Leachate Tanks		SITE LOCATION: Gibsonton, FL	
WELL NO: Raw Leachate - SCTS	SAMPLE ID: SCTS	DATE: 6/14/21	

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A feet to N/A feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: N/A
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
$= (\quad \text{N/A} \quad \text{feet} - \quad \text{N/A} \quad \text{feet}) \times \quad \text{N/A} \quad \text{gallons/foot} = \quad \text{N/A} \quad \text{gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME X (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				

= N/A gallons ÷ (N/A gallons/foot X N/A feet) = N/A gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP (°C)	COND (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTU)	COLOR (describe)	QDOR (describe)
1127	N/A	N/A	N/A	N/A	5.00	29.4	5645	0.97	N/A	yellow	leachin

6/19/2

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
	0.875" = 0.022;	1.125" = 0.033;	1.375" = 0.044;	1.625" = 0.055;	5/16" = 0.004	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016	

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLING DATA									
SAMPLED BY (PRINT) / AFFILIATION: Grayson, Morales			SAMPLER(S) SIGNATURE(S) N. Morales			SAMPLING INITIATED AT: 1127		SAMPLING ENDED AT: 1130	
PUMP OR TUBING DEPTH IN WELL (feet): N/A			TUBING MATERIAL CODE: N/A		FIELD FILTERED: Y <input checked="" type="radio"/> N <input checked="" type="radio"/>		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input checked="" type="radio"/> Dedicated			TUBING Y <input checked="" type="radio"/> N <input checked="" type="radio"/> Dedicated		DUPLICATE Y <input checked="" type="radio"/> N <input checked="" type="radio"/>				

[illegible]

SEE C.O.C. FOR SAMPLE ANALYSIS

ORP: 1127 (-9.0)

MATERIAL CODES AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailor; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPF = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 2009



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

January 12, 2022

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2123815 SCTS Transfer Station Leachate

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday December 15, 2021. Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heidi Parker, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported
T2123815001	Raw Leachate-SCTS	WA	EPA 1664 A	12/15/2021 11:53	12/15/2021 12:51	2
T2123815001	Raw Leachate-SCTS	WA	EPA 200.7	12/15/2021 11:53	12/15/2021 12:51	10
T2123815001	Raw Leachate-SCTS	WA	EPA 245.1	12/15/2021 11:53	12/15/2021 12:51	1
T2123815001	Raw Leachate-SCTS	WA	Field Measurements	12/15/2021 11:53	12/15/2021 12:51	5
T2123815001	Raw Leachate-SCTS	WA	SM 2540D	12/15/2021 11:53	12/15/2021 12:51	1
T2123815001	Raw Leachate-SCTS	WA	SM 5210B	12/15/2021 11:53	12/15/2021 12:51	1

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

Analytical Results Qualifiers

Parameter Qualifiers

- | | |
|---|--|
| U | The compound was analyzed for but not detected. |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |

Lab Qualifiers

- | | |
|----|--|
| M | DOH Certification #E82535 (FL NELAC) AEL-Miami |
| T^ | Not Certified |
| T | DOH Certification #E84589 (FL NELAC) AEL-Tampa |

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

Analytical Results

Lab ID: T2123815001
Sample ID: Raw Leachate-SCTS

Date Collected: 12/15/2021 11:53
Date Received: 12/15/2021 12:51

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	8343	umhos/cm			1	12/15/2021 11:53	12/15/2021 11:53	
Dissolved Oxygen	1.65	mg/L			1	12/15/2021 11:53	12/15/2021 11:53	
ORP-2580BW	-50.8	mV			1	12/15/2021 11:53	12/15/2021 11:53	
Temperature	26.5	°C			1	12/15/2021 11:53	12/15/2021 11:53	
pH	5.37	SU			1	12/15/2021 11:53	12/15/2021 11:53	
METALS (EPA 200.7)								
Arsenic	0.0080 I	mg/L	0.010	0.0080	1	12/21/2021 13:00	12/22/2021 11:57	T
Cadmium	0.0068	mg/L	0.0020	0.0010	1	12/21/2021 13:00	12/22/2021 11:57	T
Chromium	0.11	mg/L	0.010	0.0050	1	12/21/2021 13:00	12/22/2021 11:57	T
Copper	0.24	mg/L	0.010	0.0050	1	12/21/2021 13:00	12/22/2021 11:57	T
Lead	0.092	mg/L	0.010	0.0030	1	12/21/2021 13:00	12/22/2021 11:57	T
Molybdenum	0.021	mg/L	0.010	0.0040	1	12/21/2021 13:00	12/22/2021 11:57	T
Nickel	0.17	mg/L	0.010	0.0080	1	12/21/2021 13:00	12/22/2021 11:57	T
Selenium	0.040 U	mg/L	0.10	0.040	1	12/21/2021 13:00	12/22/2021 11:57	T
Silver	0.0080 U	mg/L	0.010	0.0080	1	12/21/2021 13:00	12/22/2021 11:57	T
Zinc	2.3	mg/L	0.10	0.050	1	12/21/2021 13:00	12/22/2021 11:57	T
METALS (EPA 245.1)								
Mercury	0.00064	mg/L	0.0001 0	0.0000 11	1	12/16/2021 09:00	12/16/2021 14:41	T
WET CHEMISTRY (EPA 1664 A)								
Oil & Grease (HEM)	1030	mg/L	4	1.3	1	12/28/2021 16:50	12/28/2021 16:50	M
Oil & Grease (HEM-SGT/TPH)	399	mg/L	4	1.4	1	12/28/2021 16:15	12/28/2021 16:15	M
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	1500	mg/L	50	50	50	12/21/2021 13:30	12/21/2021 13:30	T
WET CHEMISTRY (SM 5210B)								
Carbonaceous BOD (CBOD)	2620	mg/L	10	10	5	12/15/2021 16:21	12/15/2021 16:21	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

Analytical Results

Analysis Results Comments

Carbonaceous BOD (CBOD)

J – The sample over-depleted and the actual value is estimated to be higher than the value reported.

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Results

QC Batch: CVA1/1449
Preparation Method: EPA 245.1
Associated Lab IDs: T2123815001

Analysis Method: EPA 245.1

Method Blank(4139323)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011 U	mg/L		0.000011	T

Lab Control Sample (4139324)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	94	85 - 115	T

Matrix Spike (4139325); Matrix Spike Duplicate (4139326); Parent Lab Sample (T2123680001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	95	70 - 130	0	96	1	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Results

QC Batch: ICPt/2202
Preparation Method: EPA 200.7
Associated Lab IDs: T2123815001

Analysis Method: EPA 200.7

Method Blank(4144940)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.0080 U	mg/L		0.0080	T
Arsenic	0.0080 U	mg/L		0.0080	T
Cadmium	0.0010 U	mg/L		0.0010	T
Chromium	0.0050 U	mg/L		0.0050	T
Copper	0.0050 U	mg/L		0.0050	T
Molybdenum	0.0040 U	mg/L		0.0040	T
Nickel	0.0080 U	mg/L		0.0080	T
Lead	0.0030 U	mg/L		0.0030	T
Selenium	0.040 U	mg/L		0.040	T
Zinc	0.050 U	mg/L		0.050	T

Lab Control Sample (4144941)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/L	0.10	.1	101	85 - 115	T
Arsenic	mg/L	1	.99	99	85 - 115	T
Cadmium	mg/L	0.10	.1	101	85 - 115	T
Chromium	mg/L	1	1	103	85 - 115	T
Copper	mg/L	1	1	101	85 - 115	T
Molybdenum	mg/L	0.10	.09	87	85 - 115	T
Nickel	mg/L	1	1	100	85 - 115	T
Lead	mg/L	1	1	104	85 - 115	T
Selenium	mg/L	1	.97	97	85 - 115	T
Zinc	mg/L	1	1	101	85 - 115	T

Matrix Spike (4144942); Matrix Spike Duplicate (4144943); Parent Lab Sample (F2105434001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	79	70 - 130	.08	78	1	20	T
Arsenic	mg/L	1	1.1	106	70 - 130	1.1	105	1	20	T
Cadmium	mg/L	0.10	.1	104	70 - 130	.1	102	2	20	T
Chromium	mg/L	1	1.1	107	70 - 130	1.1	106	1	20	T
Copper	mg/L	1	1.1	105	70 - 130	1	105	0	20	T
Molybdenum	mg/L	0.10	.08	84	70 - 130	.09	86	2	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Batch: ICP/2202
Preparation Method: EPA 200.7
Associated Lab IDs: T2123815001

Analysis Method: EPA 200.7

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Nickel	mg/L	1	1	102	70 - 130	1	102	0	20	T
Lead	mg/L	1	1	104	70 - 130	1	103	1	20	T
Selenium	mg/L	1	1	104	70 - 130	1	102	2	20	T
Zinc	mg/L	1	1	103	70 - 130	1	104	1	20	T

Matrix Spike (4144944); Matrix Spike Duplicate (4144945); Parent Lab Sample (A2110775001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	82	70 - 130	.08	82	0	20	T
Arsenic	mg/L	1	1	104	70 - 130	1	104	0	20	T
Cadmium	mg/L	0.10	.1	103	70 - 130	.1	103	0	20	T
Chromium	mg/L	1	1.1	106	70 - 130	1.1	107	1	20	T
Copper	mg/L	1	1	105	70 - 130	1.1	105	0	20	T
Molybdenum	mg/L	0.10	.09	90	70 - 130	.09	89	1	20	T
Nickel	mg/L	1	1	101	70 - 130	1	101	0	20	T
Lead	mg/L	1	1	104	70 - 130	1	105	1	20	T
Selenium	mg/L	1	1	102	70 - 130	1	102	0	20	T
Zinc	mg/L	1	1	102	70 - 130	1	103	1	20	T

Lab Control Sample (4144941)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Silver	mg/L	0.10	.1	101	85 - 115	T
Arsenic	mg/L	1	.99	99	85 - 115	T
Cadmium	mg/L	0.10	.1	101	85 - 115	T
Chromium	mg/L	1	1	103	85 - 115	T
Copper	mg/L	1	1	101	85 - 115	T
Molybdenum	mg/L	0.10	.09	87	85 - 115	T
Nickel	mg/L	1	1	100	85 - 115	T
Lead	mg/L	1	1	104	85 - 115	T
Selenium	mg/L	1	.97	97	85 - 115	T
Zinc	mg/L	1	1	101	85 - 115	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Results

QC Batch: WCAm/5116
Preparation Method: EPA 1664 A
Associated Lab IDs: T2123815001

Analysis Method: EPA 1664 A

Method Blank(4151404)

Parameter	Results	Units	PQL	MDL	Lab
Oil & Grease (HEM)	1.3 U	mg/L		1.3	M

Lab Control Sample (4151405); Lab Control Sample Duplicate (4151406)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Oil & Grease (HEM)	mg/L	40	44	110	78 - 114	38	94	16	18	M

Matrix Spike (4151407); Parent Lab Sample (M2105943001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Oil & Grease (HEM)	mg/L	40	65	79	78 - 114	M

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Results

QC Batch: WCAm/5117
Preparation Method: EPA 1664 A
Associated Lab IDs: T2123815001

Analysis Method: EPA 1664 A

Method Blank(4151419)

Parameter	Results	Units	PQL	MDL	Lab
Oil & Grease (HEM-SGT/TPH)	1.4 U	mg/L		1.4	M

Lab Control Sample (4151420); Lab Control Sample Duplicate (4151421)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Oil & Grease (HEM-SGT/T	mg/L	20	13	64	64 - 132	15	74	14	34	M

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Results

QC Batch: WCA/9045
Preparation Method: SM 5210B
Associated Lab IDs: T2123815001

Analysis Method: SM 5210B

Method Blank(4138027)

Parameter	Results	Units	PQL	MDL	Lab
Carbonaceous BOD (CBOD)	2.0 U	mg/L		2.0	T

Lab Control Sample (4138028)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Carbonaceous BOD (CBOD)	mg/L	198	204	103	84.60 - 115.40	T

Sample Duplicate (4138029)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Carbonaceous BOD (CBOD)	248.02	263.77	mg/L	6	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Results

QC Batch: WCA/9172
Preparation Method: SM 2540D
Associated Lab IDs: T2123815001

Analysis Method: SM 2540D

Method Blank(4144292)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0 U	mg/L		1.0	T

Lab Control Sample (4144293)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	188	94	85 - 115	T

Sample Duplicate (4144294)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	238	228	mg/L	4	10	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVAt/1449 - EPA 245.1			
T2123815001	Raw Leachate-SCTS	DGMt/3047	EPA 245.1
ICPt/2202 - EPA 200.7			
T2123815001	Raw Leachate-SCTS	DGMt/3077	EPA 200.7
WCAm/5116 - EPA 1664 A			
T2123815001	Raw Leachate-SCTS		
WCAm/5117 - EPA 1664 A			
T2123815001	Raw Leachate-SCTS		
WCAt/9045 - SM 5210B			
T2123815001	Raw Leachate-SCTS		
WCAt/9172 - SM 2540D			
T2123815001	Raw Leachate-SCTS		

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

Advanced Environmental Laboratories

Client Name: Hills, Co. Public Utilities
Address: 332 North Falkenburg Rd
Tampa, FL 33619
Phone: (813) 663-3222
FAX: (813) 274-6801
Contact: Michael Townsel
Sampled By: M. Nadeles
Turn Around Time: Standard
ADL Profile #: Ruth

Project Name: Transfer Station Leachate Tank
Project Number: N/A
PO Number: N/A
POEP Facility No.:
POEP Facility Acct.:
Special Instructions:

Matrix Codes: WW = wastewater, SW = surface water, GW = ground water, DW = drinking water, O = oil, A = air, SO = soil, SL = sludge
Received on lot: ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked
CCN: AD-0051web, Form last revised 08/07/2019

Received by: [Signature] **Date:** 01/15/19 **Time:** 11:51
Requested by: [Signature] **Date:** 01/15/19 **Time:** 11:51

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID: _____
Contact Person: _____
Supplier of Water: _____
Site Address: _____

ANALYSIS REQUIRED

ANALYSIS REQUIRED	BOTTLE SIZE	Preservation	Temp. Range
Oil & Grease - HEM		X	
Oil & Grease - HEM-SGT		X	
CBOD		X	
TSS		X	
As, Cd, Cr, Cu, Pb		X	
Mo, Hg, Ni, Se, Ag, Zn		X	

LABORATORY I.D. NO. 201

T2123815

Page 1 of 1

Client Name: Hills, Co. Public Utilities
Address: 332 North Falkenburg Rd
Tampa, FL 33619
Phone: (813) 663-3222
FAX: (813) 274-6801
Contact: Michael Townsel
Sampled By: M. Nadeles
Turn Around Time: Standard
ADL Profile #: Ruth

Project Name: Transfer Station Leachate Tank
Project Number: N/A
PO Number: N/A
POEP Facility No.:
POEP Facility Acct.:
Special Instructions:

Matrix Codes: WW = wastewater, SW = surface water, GW = ground water, DW = drinking water, O = oil, A = air, SO = soil, SL = sludge
Received on lot: ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked
CCN: AD-0051web, Form last revised 08/07/2019

Received by: [Signature] **Date:** 01/15/19 **Time:** 11:51
Requested by: [Signature] **Date:** 01/15/19 **Time:** 11:51

FOR DRINKING WATER USE:
(When PWS information not otherwise supplied) PWS ID: _____
Contact Person: _____
Supplier of Water: _____
Site Address: _____

ANALYSIS REQUIRED

ANALYSIS REQUIRED	BOTTLE SIZE	Preservation	Temp. Range
Oil & Grease - HEM		X	
Oil & Grease - HEM-SGT		X	
CBOD		X	
TSS		X	
As, Cd, Cr, Cu, Pb		X	
Mo, Hg, Ni, Se, Ag, Zn		X	

LABORATORY I.D. NO. 201

T2123815

Page 1 of 1

Wednesday, January 12, 2022 2:59:48 PM
Dates and times are displayed using (-05:00)
Page 14 of 15

NELAP Accredited E84589



Certificate of Analysis
This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

POWERED BY
HORIZON
v13.0.0



FINAL

Workorder: SCTS Transfer Station Leachate (T2123815)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Transfer Station Leachate Tanks		SITE LOCATION: Gibsonton, FL	
WELL NO: Raw Leachate - SCTS		SAMPLE ID: SCTS	
DATE: 12/15/2021			
PURGING DATA			
WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A feet to N/A feet	STATIC DEPTH TO WATER (feet): N/A
PURGE PUMP TYPE OR BAILER: N/A			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY			
(only fill out if applicable)			
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME			
(only fill out if applicable)			
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A
TOTAL VOLUME PURGED (gallons): N/A			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)
1153	N/A	N/A	N/A
DEPT. TO WATER (feet): N/A			
pH (standard units): 5.37			
TEMP. (°C): 26.5			
COND. (circle units) µmhos/cm or µS/cm: 8343			
DISSOLVED OXYGEN (circle units) mg/L or % saturation: 1.65			
TURBIDITY (NTUs): N/A			
COLOR (describe): Black			
ODOR (describe): Leachate			
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88			
TUBING INSIDE DIA. CAPACITY (Gal./ft): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016			
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)			
SAMPLING DATA			
SAMPLED BY (PRINT) / AFFILIATION: N. Morales		SAMPLER(S) SIGNATURE(S): M. Morales	
PUMP OR TUBING DEPTH IN WELL (feet): N/A		TUBING MATERIAL CODE: N/A	
FIELD DECONTAMINATION: PUMP Y N Dedicated		TUBING Y N Dedicated	
DUPLICATE Y (N)		SAMPLING INITIATED AT: 1153	
SAMPLING ENDED AT: 1158		FILTER SIZE: µm	
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME
PRESERVATIVE USED		TOTAL VOL ADDED IN FIELD (mL)	
FINAL pH		INTENDED ANALYSIS AND/OR METHOD	
SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SEE C.O.C. FOR SAMPLE ANALYSIS ORP: 1153 (-508)			
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)			
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)			

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)
Revision Date: February 2009





Work Order: T2123815
Client: Hillsborough County Public Utilities
Project ID: SCTS Transfer Station Leachate

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.
Analysis: All holding times were met.

III. Method

Analysis: SM 5210B
Preparation:

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.
Blanks: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Spikes: All acceptance criteria were met.
Internal Standard: All acceptance criteria were met.
Samples: The relative percent difference (RPD) for T2123749001 and T2123790001 for CBOD between the analyzed aliquots is greater than 30%. Failing RPD indicates inconsistency in the sample matrix. The associated LCS was within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

The results from the dilution series for sample T2123718006 and T2123815001 did not meet the final dissolved oxygen (DO) requirement of 1mg/L after the 5-day incubation period for analyte CBOD. Results have been qualified and should be considered estimated.

Other: All acceptance criteria were met.
Serial Dilution: All acceptance criteria were met.
Duplicates: All acceptance criteria were met.



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

June 21, 2022

Michael Townsel
Hillsborough Co Public Utilities
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2211399 Transfer Station

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday June 8, 2022. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heidi Parker, Project Manager
HParker@aellab.com

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
T2211399001	Raw Leachate	WA	EPA 1664 A	06/08/2022 13:05	06/08/2022 13:53	2	NA
T2211399001	Raw Leachate	WA	EPA 200.7	06/08/2022 13:05	06/08/2022 13:53	10	NA
T2211399001	Raw Leachate	WA	EPA 245.1	06/08/2022 13:05	06/08/2022 13:53	1	NA
T2211399001	Raw Leachate	WA	Field Measurements	06/08/2022 13:05	06/08/2022 13:53	4	NA
T2211399001	Raw Leachate	WA	SM 2540D	06/08/2022 13:05	06/08/2022 13:53	1	NA
T2211399001	Raw Leachate	WA	SM 5210B	06/08/2022 13:05	06/08/2022 13:53	1	NA

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

Analytical Results Qualifiers

Parameter Qualifiers

- | | |
|---|--|
| U | The compound was analyzed for but not detected. |
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |

Lab Qualifiers

- | | |
|----|--|
| M | DOH Certification #E82535 (FL NELAC) AEL-Miami |
| T^ | Not Certified |
| T | DOH Certification #E84589 (FL NELAC) AEL-Tampa |

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station (T2211399)

Analytical Results

Lab ID: T2211399001
Sample ID: Raw Leachate

Date Collected: 06/08/2022 13:05
Date Received: 06/08/2022 13:53

Matrix: Water

Parameter	Results	Units	PQL	MDL	DF	Prepared	Analyzed	Lab
FIELD PARAMETERS (Field Measurements)								
Conductivity	7126	umhos/cm			1	06/08/2022 13:05	06/08/2022 13:05	T
Dissolved Oxygen	0.81	mg/L			1	06/08/2022 13:05	06/08/2022 13:05	T
Temperature	30.4	°C			1	06/08/2022 13:05	06/08/2022 13:05	T
pH	6.01	SU			1	06/08/2022 13:05	06/08/2022 13:05	T
METALS (EPA 200.7)								
Arsenic	0.0080 U	mg/L	0.010	0.0080	1	06/16/2022 11:00	06/16/2022 19:11	T
Cadmium	0.0030	mg/L	0.0020	0.0010	1	06/16/2022 11:00	06/16/2022 19:11	T
Chromium	0.071	mg/L	0.010	0.0050	1	06/16/2022 11:00	06/16/2022 19:11	T
Copper	0.12	mg/L	0.010	0.0050	1	06/16/2022 11:00	06/16/2022 19:11	T
Lead	0.034	mg/L	0.010	0.0030	1	06/16/2022 11:00	06/16/2022 19:11	T
Molybdenum	0.022 I	mg/L	0.050	0.0040	1	06/16/2022 11:00	06/16/2022 19:11	T
Nickel	0.12	mg/L	0.010	0.0080	1	06/16/2022 11:00	06/16/2022 19:11	T
Selenium	0.040 U	mg/L	0.10	0.040	1	06/16/2022 11:00	06/16/2022 19:11	T
Silver	0.0080 U	mg/L	0.010	0.0080	1	06/16/2022 11:00	06/16/2022 19:11	T
Zinc	1.9	mg/L	0.10	0.050	1	06/16/2022 11:00	06/16/2022 19:11	T
METALS (EPA 245.1)								
Mercury	0.00016	mg/L	0.00010	0.000011	1	06/14/2022 09:00	06/15/2022 10:16	T
WET CHEMISTRY (EPA 1664 A)								
Oil & Grease (HEM)	139	mg/L	4	1.3	1	06/15/2022 11:10	06/15/2022 11:10	M
Oil & Grease (HEM-SGT/TPH)	35	mg/L	4	1.4	1	06/15/2022 19:57	06/15/2022 19:57	M
WET CHEMISTRY (SM 2540D)								
Total Suspended Solids	860	mg/L	50	50	50	06/15/2022 10:00	06/15/2022 10:00	T
WET CHEMISTRY (SM 5210B)								
Carbonaceous BOD (CBOD)	4540	mg/L	20	20	10	06/08/2022 15:30	06/08/2022 15:30	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

Analytical Results

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589



FINAL

Workorder: Transfer Station (T2211399)

QC Results

QC Batch: CVA1/1669
Preparation Method: EPA 245.1
Associated Lab IDs: T2211399001

Analysis Method: EPA 245.1

Method Blank(4351776)

Parameter	Results	Units	PQL	MDL	Lab
Mercury	0.000011 U	mg/L	0.00010	0.000011	T

Lab Control Sample (4351777)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Mercury	mg/L	0.0010	0	97	85 - 115	T

Matrix Spike (4351778); Matrix Spike Duplicate (4351779); Parent Lab Sample (T2211616001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0010	0	106	70 - 130	0	113	6	20	T

Matrix Spike (4351780); Matrix Spike Duplicate (4351781); Parent Lab Sample (T2211727001)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Mercury	mg/L	0.0005	0	113	70 - 130	0	124	9	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station (T2211399)

QC Results

QC Batch: ICPt/2821
Preparation Method: EPA 200.7
Associated Lab IDs: T2211399001

Analysis Method: EPA 200.7

Method Blank(4356515)

Parameter	Results	Units	PQL	MDL	Lab
Silver	0.0080 U	mg/L	0.010	0.0080	T
Arsenic	0.0080 U	mg/L	0.010	0.0080	T
Cadmium	0.0010 U	mg/L	0.0020	0.0010	T
Chromium	0.0050 U	mg/L	0.010	0.0050	T
Copper	0.0050 U	mg/L	0.010	0.0050	T
Molybdenum	0.0040 U	mg/L	0.050	0.0040	T
Nickel	0.0080 U	mg/L	0.010	0.0080	T
Lead	0.0030 U	mg/L	0.010	0.0030	T
Selenium	0.040 U	mg/L	0.10	0.040	T
Zinc	0.050 U	mg/L	0.10	0.050	T

Lab Control Sample (4356516); Lab Control Sample Duplicate (4357394)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.09	91	85 - 115	.09	93	3	20	T
Arsenic	mg/L	1	.96	96	85 - 115	1	100	4	20	T
Cadmium	mg/L	0.10	.1	100	85 - 115	.1	96	4	20	T
Chromium	mg/L	1	.96	96	85 - 115	1	102	7	20	T
Copper	mg/L	1	.96	96	85 - 115	.98	98	2	20	T
Molybdenum	mg/L	0.10	.09	91	85 - 115	.1	100	9	20	T
Nickel	mg/L	1	.97	97	85 - 115	.92	92	5	20	T
Lead	mg/L	1	1	103	85 - 115	.96	96	7	20	T
Selenium	mg/L	1	.94	94	85 - 115	.93	93	1	20	T
Zinc	mg/L	1	.97	97	85 - 115	.97	97	0	20	T

Matrix Spike (4356517); Matrix Spike Duplicate (4356518); Parent Lab Sample (A2204923003)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.1	102	70 - 130	.1	104	2	20	T
Arsenic	mg/L	1	1.1	109	70 - 130	1.1	109	1	20	T
Cadmium	mg/L	0.10	.11	108	70 - 130	.11	109	1	20	T
Chromium	mg/L	1	1	105	70 - 130	1.1	106	1	20	T
Copper	mg/L	1	1.1	105	70 - 130	1.1	106	1	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





FINAL

Workorder: Transfer Station (T2211399)

QC Batch: ICPt/2821
Preparation Method: EPA 200.7
Associated Lab IDs: T2211399001

Analysis Method: EPA 200.7

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Molybdenum	mg/L	0.10	.1	103	70 - 130	.1	103	0	20	T
Nickel	mg/L	1	1.1	109	70 - 130	1.1	108	0	20	T
Lead	mg/L	1	1.1	110	70 - 130	1.1	111	1	20	T
Selenium	mg/L	1	1.1	105	70 - 130	1.1	106	1	20	T
Zinc	mg/L	1	1.2	109	70 - 130	1.2	110	0	20	T

Matrix Spike (4356519); Matrix Spike Duplicate (4356520); Parent Lab Sample (G2204846004)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Silver	mg/L	0.10	.08	83	70 - 130	.08	82	0	20	T
Arsenic	mg/L	1	1.1	110	70 - 130	1.1	110	0	20	T
Cadmium	mg/L	0.10	.11	109	70 - 130	.11	109	0	20	T
Chromium	mg/L	1	1	105	70 - 130	1	105	0	20	T
Copper	mg/L	1	1	105	70 - 130	1	104	0	20	T
Molybdenum	mg/L	0.10	.08	82	70 - 130	.08	83	2	20	T
Nickel	mg/L	1	1.1	108	70 - 130	1.1	109	0	20	T
Lead	mg/L	1	1.1	110	70 - 130	1.1	110	0	20	T
Selenium	mg/L	1	1.1	107	70 - 130	1.1	106	1	20	T
Zinc	mg/L	1	1.1	114	70 - 130	1.1	114	0	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

QC Results

QC Batch: WCAm/7410
Preparation Method: EPA 1664 A
Associated Lab IDs: T2211399001

Analysis Method: EPA 1664 A

Method Blank(4353537)

Parameter	Results	Units	PQL	MDL	Lab
Oil & Grease (HEM)	1.3 U	mg/L	4.0	1.3	M

Lab Control Sample (4353538); Lab Control Sample Duplicate (4353539)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Oil & Grease (HEM)	mg/L	40	31	79	78 - 114	32	79	0	18	M

Matrix Spike (4353540); Parent Lab Sample (T2211616002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Oil & Grease (HEM)	mg/L	40	51	85	78 - 114	M

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

QC Results

QC Batch: WCAm/7411
Preparation Method: EPA 1664 A
Associated Lab IDs: T2211399001

Analysis Method: EPA 1664 A

Method Blank(4353554)

Parameter	Results	Units	PQL	MDL	Lab
Oil & Grease (HEM-SGT/TPH)	1.4 U	mg/L	4.0	1.4	M

Lab Control Sample (4353555); Lab Control Sample Duplicate (4353556)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Dup Result	Dup Recovery	RPD	RPD Limit	Lab
Oil & Grease (HEM-SGT/T	mg/L	20	17	87	64 - 132	23	117	29	34	M

Matrix Spike (4353557); Parent Lab Sample (T2211616002)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Oil & Grease (HEM-SGT/TPH)	mg/L	20	26	70	64 - 132	M

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

QC Results

QC Batch: WCA/12722
Preparation Method: SM 5210B
Associated Lab IDs: T2211399001

Analysis Method: SM 5210B

Method Blank(4344576)

Parameter	Results	Units	PQL	MDL	Lab
Carbonaceous BOD (CBOD)	2.0 U	mg/L	2.0	2.0	T

Lab Control Sample (4344577)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Carbonaceous BOD (CBOD)	mg/L	198	177	89	84.60 - 115.40	T

Sample Duplicate (4344578)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Carbonaceous BOD (CBOD)	293.44	271.69	mg/L	8	20	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

QC Results

QC Batch: WCA/12778
Preparation Method: SM 2540D
Associated Lab IDs: T2211399001

Analysis Method: SM 2540D

Method Blank(4349266)

Parameter	Results	Units	PQL	MDL	Lab
Total Suspended Solids	1.0 U	mg/L	1.0	1.0	T

Lab Control Sample (4349267)

Parameter	Units	Spiked Amount	Spike Result	Spike Recovery	Control Limits	Lab
Total Suspended Solids	mg/L	200	188	94	85 - 115	T

Sample Duplicate (4349268)

Parameter	Original	Duplicate	Units	RPD	RPD Limit	Lab
Total Suspended Solids	1660	1720	mg/L	4	10	T

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)

QC Cross Reference

Lab ID	Sample ID	Prep Batch	Prep Method
CVA/1669 - EPA 245.1			
T2211399001	Raw Leachate	DGMt/4031	EPA 245.1
ICP/2821 - EPA 200.7			
T2211399001	Raw Leachate	DGMt/4050	EPA 200.7
WCAm/7410 - EPA 1664 A			
T2211399001	Raw Leachate		
WCAm/7411 - EPA 1664 A			
T2211399001	Raw Leachate		
WCA/12722 - SM 5210B			
T2211399001	Raw Leachate		
WCA/12778 - SM 2540D			
T2211399001	Raw Leachate		

Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.





Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813) 630-9616
Fax: (813) 630-4327

FINAL

Workorder: Transfer Station (T2211399)



Advanced
Environmental Laboratories, Inc

☐ Altamonte Springs: 360 Northlake Blvd., Ste 104B, FL 32701 • 407.937.1594 • Lab ID: E53076
☐ Fort Myers: 13130 Westlake Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☐ Jacksonville: 6681 Southeast Pkwy., FL 32216 • 904.363.5350 • Lab ID: E82574
☐ Tallahassee: 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095

Page 1 of 1

☐ Gainesville: 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ Miramar: 10200 USA Today Way, FL 33025 • 954.889.2289 • Lab ID: E82535
☒ Tampa: 5610 Princess Palm Ave., FL 33619 • 813.636.9616 • Lab ID: E84589

Client Name: Hills. Co. Public Utilities		Project Name: Transfer Station Leachate Tank						
Address: 332 North Falkenburg Rd		Project Number: N/A						
Tampa, FL 33619		PO Number: N/A						
Phone: (813) 663-3222		FDEP Facility No:						
FAX: (813) 274-6801		FDEP Facility Addr:						
Contact: Michael Townsel		Special Instructions:						
Sampled By: <i>M. Morales</i>		Turn Around Time: <u>Standard</u> Rush						
AEI Profile #		ADAPT EquiS Other						
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME	MATRIX	NO. COUNT	Preservation	Analysis Required	Laboratory I.D. Number
	Raw Leachate - SCTS	G	6/8/22 1353	WW			Oil & Grease - HEM Oil & Grease - HEM-SGT CBOD TSS As, Cd, Cr, Cu, Pb Mo, Hg, Ni, Se, Ag, Zn	081
						Barcode: *T2211399*		
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)								
Received on Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Temp taken from sample <input type="checkbox"/> Temp from blank <input checked="" type="checkbox"/> Where required, pH checked Temp. when received (observed): <u>4</u> °C Temp. when received (corrected): _____ °C								
DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A								
FOR DRINKING WATER USE: (When PWS information not otherwise supplied) PWS ID: _____ Contact Person: _____ Supplier of Water: _____ Site Address: _____								

Tuesday, June 21, 2022 10:51:16 AM

Dates and times are displayed using (-04:00)

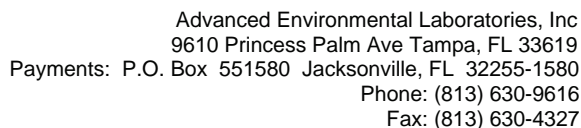
Certificate of Analysis

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



NELAP Accredited E84589

POWERED BY
HORIZON
V.13.0.0



Workorder: Transfer Station (T2211399)

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2), optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)
Revision Date: February 2009

Certificate of Analysis
This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.



POWERED BY
HORIZON
v.13.0.0

NORTH WEST

DATE	INVOICE#	GALLONS	AMOUNTS	RECEIPT#
1/19/21	02012562	1,957	\$273.98	334725
2/8/21	268534	2,391	\$334.74	337528
2/8/21	268444	2,362	\$330.68	337530
3/1/21	269545	1,983	\$277.62	341393
3/1/21	269780	3,295	\$461.30	341394
3/1/21	269781	6,091	\$852.74	341395
3/1/21	270830	3,264	\$456.96	341396
3/1/21	270831	3,221	\$450.94	341397
3/1/21	270832	3,624	\$507.36	341398
3/19/21	274810	3,110	\$435.40	343182
4/15/21	275716	3,184	\$445.76	348022
4/15/21	276118	2,434	\$340.76	348023
4/15/21	276252	1,353	\$189.42	348024
5/26/21	277057	3,734	\$522.76	352283
5/26/21	278053	2,187	\$306.18	352281
5/26/21	278054	3,074	\$430.36	352282
5/28/21	280881	3,163	\$442.82	352604
6/2/21	281385	2,950	\$413.00	352931
6/2/21	278533	3,254	\$455.56	352929
6/7/21	282158	3,017	\$422.38	353501
7/26/21	286934	2,492	\$348.88	360463
7/26/21	286986	6,000	\$1,340.00	360465
7/26/21	286871	3,847	\$538.58	360466
8/3/21	287730	3,887	\$544.18	361455
8/3/21	287780	2,760	\$386.40	361456
8/6/21	288362	3,171	\$443.94	362028
8/6/21	288363	6,921	\$968.94	362030
8/6/21	288061	1,534	\$214.76	362032
8/25/21	289785	3,038	\$425.32	364964
8/30/21	290679	3,357	\$469.98	365509
8/30/21	290654	3,767	\$527.38	365512
9/4/21	289316	3,324	\$465.36	366908
9/7/21	291221	2,595	\$363.30	366905
9/21/21	292411	2,046	\$286.44	369465
9/21/21	292516	2,878	\$402.92	369467
9/22/21	292955	2,537	\$355.18	369720
10/5/21	293951	3,593	\$503.02	371405
10/22/21	295138	2,494	\$349.16	373120
10/22/21	295139	3,542	\$495.88	373121
11/4/21	295925	2,731	\$382.34	374730
12/17/21	300045	3,170	\$443.80	380250
12/28/21	300610	3,377	\$472.78	381087
12/28/21	301186	2,341	\$327.74	381170
1/12/22	301835	1,252	\$175.28	383004
2/22/22	304368	1,492	\$208.88	388794

3/5/22	305926	2,266	\$317.24	401010
3/5/22	268878	2,386	\$334.04	401664
3/5/22	284056	2,760	\$386.40	401670
3/5/22	285949	3,753	\$525.42	401671
3/5/22	285950	1,055	\$147.70	401672
3/5/22	286589	2,556	\$357.84	401673
4/15/22	293640	3,158	\$442.12	401674
4/15/22	304368	1,492	\$208.88	401675
4/15/22	305926	2,266	\$317.24	401676
5/26/22	308649	251	\$35.14	401678
5/26/22	311609	6,398	\$895.72	401680
5/26/22	311610	3,375	\$472.50	401682
8/18/22	314840	2,055	\$287.70	413443
8/18/22	314010	3,007	\$420.98	413444
8/18/22	314841	1,395	\$195.30	413445
8/30/22	320073	5,100	\$714.00	415185
9/3/22	319002	4,540	\$635.60	415751
9/3/22	314842	7,435	\$1,040.90	415756
9/8/22	321247	3,262	\$456.68	416475
9/8/22	321248	2,000	\$280.00	416479
9/9/22	321364	3,000	\$420.00	416576
11/21/22	324039	3,617	\$506.38	51156
11/21/22	324046	6,208	\$869.12	51158
12/9/22	326275	2,750	\$385.00	53861
12/9/22	327467	2,000	\$280.00	53864
12/9/22	325239	942	\$131.88	53865
12/31/22	325987	5,544	\$776.16	58519
12/31/22	328919	1,844	\$258.16	58546
12/31/22	331834	2,300	\$322.00	60350
12/31/22	324336	6,412	\$897.68	60351
12/31/22	332354	2,400	\$336.00	60352
12/31/22	321247	3,262	\$456.68	65195

TOTALS	238,583	\$33,901.62
---------------	----------------	--------------------

SOUTH COUNTY

DATE	INVOICE#	GALLONS	AMOUNTS	RECEIPT#
1/28/21	268754	6,216	\$745.92	3675852
2/25/21	271260	6,194	\$743.28	3686717
4/28/21	279215	6,143	\$737.16	3686717
6/18/21	283961	6,175	\$741.00	3687774
7/20/21	286919	6,175	\$741.00	3691281
7/29/21	286919	6,175	\$741.00	361047
8/3/21	288272	6,192	\$743.04	3709421
8/3/21	288351	6,209	\$745.08	3709421
8/3/21	288354	6,213	\$745.56	3709421
9/16/21	292508	5,947	\$713.64	3709348
9/16/21	292507	6,019	\$722.28	3709348
10/4/21	293980	5,966	\$715.92	3709348
10/22/21	295922	6,197	\$743.64	3709671
11/17/21	298175	5,748	\$689.76	3709671
11/22/21	298519	6,170	\$740.40	3709671
12/10/21	299995	6,125	\$735.00	3709671
12/21/21	298519	6,170	\$740.40	380545
12/28/21	299995	6,125	\$735.00	381105
12/28/21	298175	5,748	\$689.76	381106
12/28/21	295922	6,197	\$743.64	381107
12/28/21	288272	6,192	\$743.04	381092
12/28/21	293980	5,966	\$715.92	381108
12/28/21	292508	5,947	\$713.64	381109
12/28/21	292507	6,019	\$722.28	381110
12/28/21	288354	6,213	\$745.56	381098
12/28/21	288351	6,209	\$745.08	381095
12/28/21	301886	6,170	\$740.40	384195
12/28/21	301888	6,139	\$736.68	384196
1/6/22	301888	6,139	\$736.68	3712626
1/6/22	301886	6,170	\$740.40	3712626
1/10/22	302038	4,167	\$500.00	3712694
2/12/22	312598	6,175	\$741.00	400926
2/12/22	312605	6,117	\$734.04	400927
2/12/22	312621	5,966	\$715.92	400928
3/14/22	312642	6,187	\$742.44	400929
3/14/22	312644	2,800	\$336.00	400930
3/14/22	285884	6,146	\$737.52	401458
3/14/22	305693	6,058	\$726.96	401459
5/25/22	277484	6,177	\$741.24	401899
5/25/22	286275	6,177	\$741.24	401900
5/25/22	284670	6,187	\$742.44	401901
6/9/22	314029	6,110	\$733.20	403304
6/17/22	314836	6,110	\$733.20	404685
6/23/22	315037	6,115	\$733.80	405250
7/12/22	316163	6,122	\$734.64	407924
8/18/22	318855	1,508	\$180.96	413442
8/30/22	318854	5,559	\$667.08	415758
8/30/22	319068	6,122	\$734.64	415759
9/9/22	321376	3,000	\$360.00	416607
9/6/22	319105	6,139	\$736.68	416013
9/17/22	320512	6,153	\$738.36	419756
11/21/22	324033	6,045	\$725.40	51150
11/21/22	324032	5,832	\$699.84	51152
11/21/22	324045	6,132	\$735.84	51162
11/21/22	324357	6,012	\$721.44	51167
12/16/22	328394	5,856	\$702.72	54849
12/31/22	325479	5,962	\$715.44	58509
12/31/22	325986	5,508	\$660.96	58517
12/31/22	328918	5,875	\$705.00	59207
12/31/22	331829	5,985	\$718.20	60356
TOTALS		320,667	\$38,480.00	

Responses

Success: All data is valid!

					Numeric	
Status	#	Item	Unit of Measure	Quantity Required	Unit Price	Total Cost
Success: All values provided	#0-1	Northwest County Transfer Station - Leachate disposal	Gallon (s)	420000	\$ 0.23	\$ 96,600.00
Success: All values provided	#0-2	South County Transfer Station - Leachate disposal	Gallon (s)	420000	\$ 0.23	\$ 96,600.00
Success: All values provided	#0-3	Emergency Service Fee	Each	6	\$ 2,000.00	\$ 12,000.00
Success: All values provided	#0-4	Tank Cleaning Service Fee	Each	6	\$ 2,000.00	\$ 12,000.00
Success: All values provided	#0-5	Trench Pump, quarterly service to pump the trench at the South County Transfer Station - 12000 Gallons Quarterly	Quarterly	12	\$ 3,900.00	\$ 46,800.00

Exhibit C

Non-Hillsborough County Leachate Disposal Locations

Leachate Disposal Location Name	Leachate Disposal Location Address	DEP Permit Number	Total Maximum Gallons per day allowed for Leachate Disposal
Aqua Clean Environmental	3210 Whitten Rd. Lakeland, FL 33811	FLR000034033	200,000 gallons

Exhibit C

Non-Hillsborough County Leachate Disposal Locations

[illegible]



Invitation to Bid No. ITB-23-24272

Responsibility Survey

In order to determine the lowest responsive and responsible Offeror for this project, Hillsborough County may mandate that the apparent lowest Offeror provide the following survey. **THE FAILURE OF AN OFFEROR TO PROVIDE ALL INFORMATION REQUESTED BY THE SPECIFIED DATE MAY RESULT IN A FINDING BY THE COUNTY THAT THE OFFEROR IS NOT RESPONSIBLE. HILLSBOROUGH COUNTY MAY RELY ON THIS INFORMATION IN ITS DECISION REGARDING THE AWARD OF THE CONTRACT FOR THIS PROJECT; THEREFORE, ANY MATERIALLY FALSE, MISLEADING, AND/OR INCOMPLETE INFORMATION THAT IS SUBMITTED BY THE OFFEROR IN RESPONSE TO THIS SURVEY MAY RESULT IN THE COUNTY'S RESCISSION OF ITS AWARD RECOMMENDATION IF SUCH INFORMATION IS DISCOVERED BEFORE THE CONTRACT IS AWARDED BY THE COUNTY'S BOARD OF COUNTY COMMISSIONERS OR THE COUNTY ADMINISTRATOR, IF APPLICABLE. IF IT IS DISCOVERED THAT THE OFFEROR HAS SUBMITTED MATERIALLY FALSE, MISLEADING AND/OR INCOMPLETE INFORMATION IN RESPONSE TO THIS SURVEY AFTER THE CONTRACT HAS BEEN AWARDED BY THE COUNTY'S BOARD OF COUNTY COMMISSIONERS OR THE COUNTY ADMINISTRATOR, THEN THE CONTRACT AWARD MAY BE RESCINDED BY THE COUNTY OR THE CONTRACT MAY BE TERMINATED.** Any questions concerning the requested information may be directed to the Hillsborough County Procurement Services Department buyer identified on the Solicitation.

*If additional space is needed, please provide as an attachment.

Company Name: Aqua Clean Environmental a Shamrock Environmental Company

Principal Officer: _____

Company Address: 3210 Whitten Rd. Lakeland, FL 33811

Years in Business under Present Name: 26

Primary type of work your firm engages in: Transportation and disposal of non hazardous waste water.

Years of experience in your primary type of work: 15

☒ Prime Contractor or ☐ Subcontractor

Project Name and Location: Polk County Leachate transportation and disposal. Winter Haven, FL

Project Description: Transportaion and disposal of leachate waste water. 11,360,970 gallons per year

Client Name person: Beau McCall

Client Phone and Email: 863-284-4919 beaumccall@polk-county.net

Original Contract Amount: \$2,300,000.00 **Final Contract Amount** \$2,300,000.00

Name and License number under which work was performed: Aqua Clean Environmental

NTP Issue Date: 08/01/2021 **Original Completion Date:** _____ **Actual Completion Date:** _____

Explain all outstanding claims or pending litigation: NONE

Project Name and Location: Hernando County Leachate transportation and disposal. Brooksville, FL

Project Description: Transportation and disposal of leachate waste water. 3,402,291 gallons per year

Client Name person: Scott Harper

Client Phone and Email: 353-350-4348 Sharper@hernandocounty.us

Original Contract Amount: \$ _____ **Final Contract Amount** \$ 400,000.00

Name and License number under which work was performed: _____

NTP Issue Date: 02/01/2022 **Original Completion Date:** _____ **Actual Completion Date:** _____

Explain all outstanding claims or pending litigation: NONE

☐ Prime Contractor or ☐ Subcontractor

Project Name and Location: _____

Project Description: _____

Client Name person: _____

Client Phone and Email: _____

Original Contract Amount: \$ _____ **Final Contract Amount \$** _____

Name and License number under which work was performed: _____

NTP Issue Date: _____ **Original Completion Date:** _____ **Actual Completion Date:** _____

Explain all outstanding claims or pending litigation: _____

Has your firm ever failed to complete any work awarded to it? Yes ☐ No ☒

If yes, explain: _____

Provide other information that would be relevant to the County's evaluation of your firm's responsibility (e.g. any pending, present or past litigation, any employee misconduct, OSHA violations, work place deaths, etc.)?

Yes ☐ No ☒

If yes, explain: NONE _____

Information and Documents to be provided

Provide copies of:

1. IRS Substitute W-9.
2. Trade licenses, as required.
3. Certifications, as required.
4. Experience Modification Rate (EMR) verification letter for the most recent three (3) years.
5. Provide a copy of the current resume of the project manager and full-time job superintendent for the Offeror who will be used on this project for Hillsborough County, should the contract be awarded to the Offeror
6. Affirmative Action Plan/Program or Affirmation Action Plan Statement.
(A written Affirmative Action Plan or Program is required if the Offeror has fifteen (15) or more employees. If the Offeror has fewer than fifteen (15) employees, an Affirmation Action Plan Statement is required.)
7. Employment data on current workforce form.
8. Executed DM/DWBE Subcontractor agreements, if applicable.
9. Good Faith Effort Determination form, if applicable.

AFFIRMATION

I hereby affirm that the information provided herein is true and complete to the best of my knowledge.

SIGNATURE OF AUTHORIZED OFFICIAL

PRINT NAME

BOB GRAZIANO

BOB GRAZIANO

TITLE OF OFFICIAL

DATE:

PRESIDENT

06/11/2023

Shamrock Environmental Corp

AFFIRMATIVE ACTION POLICY STATEMENT

It is the policy of Shamrock Environmental Corp to give equal opportunity of employment to all qualified persons without regard to:

- *Age
- *Sex
- *Race
- *Color
- *Religion
- *National Origin
- *Mental or Physical Handicap
- *Marital Status
- *Sexual Orientation
- *Gender Identity or Expression

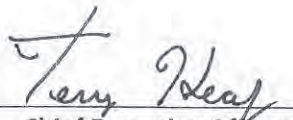
and to take affirmative action to provide equal opportunity to all qualified persons in all personnel actions including, but not limited to:

- *Recruitment and Hiring
- *Compensation and Other Employee Benefits
- *Training
- *Promotion and Demotion
- *Layoff and Termination

It is also our policy to take affirmative action in the employment and advancement in employment of qualified handicapped persons, disabled veterans, and veterans of the Vietnam Era.

Discrimination complaints should be directed to Terry Healy, CEO who will conduct an investigation, notify all concerned parties of the results of the investigation, and take corrective action if the complaint is found to have basis.

It is further our policy to comply with all applicable Federal and State laws with respect to Equal Employment Opportunity and Affirmative Action.


Chief Executive Officer

Terry Healy
Printed Name

06/09/23
Date

Shamrock Environmental Corp

EQUAL EMPLOYMENT OPPORTUNITY POLICY

It is the policy of Shamrock Environmental Corp to provide equal employment opportunity to present and prospective employees without regard to age, sex, race, color, religion, national origin, mental or physical handicap, veteran status, marital status and other applicable groups.

Shamrock Environmental Corp will take affirmative action when necessary to achieve equal employment opportunity in selection and all other personnel actions without regard to age, sex, race, color, religion, national origin, mental or physical handicap, veteran status, marital status and other applicable groups. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay and other forms of compensation; and selection for training, including apprenticeship.

Terry Healy, CEO for Shamrock Environmental Corp is responsible for coordinating the day-to-day implementation and monitoring of the firm's affirmative action efforts. As the firm grows, every effort will be made towards achieving a balanced workforce representation of minority and women employees at all levels. We endorse this policy and give our support to the EEO goals as outlined in the statement.



Chief Executive Officer

Terry Healy

Printed Name

06/09/23

Date

**AFFIRMATIVE ACTION PLAN
SELF-ANALYSIS**

After studying the Workforce Analysis and reviewing the current distribution by category of Shamrock Environmental personnel, the following percentages were calculated, based on a total full-time workforce of 314 persons:

Note:

The abbreviations used are as follows:

White (WHT), Black (BLK), Hispanic (HISP), Asian/Pacific Islander, (API) American Indian (AI)

	MALES					FEMALES					TOTALS
	WHT	BLK	HISP	API	AI	WHT	BLK	HISP	API	AI	
Officials & Managers	25	3				8					36
Professionals	12	1	1			7		1			22
Technicians	20	21	6			2					49
Sales Workers	12	1				1					14
Office & Clerical	7				1	20	4	1			33
Craftsman (Skilled)	26	5	4								35
Operatives (Semi-Skilled)	76	29	13		1			2			121
Laborers (Unskilled)	5	2	1								8
Services Workers											0
All Job Categories*	183	62	25	0	2	38	4	4	0	0	318

**AFFIRMATIVE ACTION PLAN
SELF-ANALYSIS**

After reviewing the self-analysis we find underutilization exists in the following categories *(based on the Office of Federal Contract Compliance standard employment goals of 17.9% for minorities and 6.9% for women or for those companies completing an availability analysis the target employment goals can be expressed as availability)*:

Note:

Please indicate YES if underutilization exists as specified above

Please indicate NO if underutilization does not exist as specified above

	MINORITY	FEMALE
Officials & Managers	YES	NO
Professionals	YES	NO
Technicians	NO	YES
Sales Workers	YES	YES
Office & Clerical	NO	NO
Craftsman (Skilled)	NO	NA
Operatives (Semi-Skilled)	NO	YES
Laborers (Unskilled)	NO	NA
Services Workers	NA	NA

Notes:

AFFIRMATIVE ACTION PLAN GOALS

Shamrock Environmental Corp has established the following hiring and employment goals and time tables to improve minority and female representation in underutilized categories as vacancies occur. *(The utilization analysis is based on the Office of Federal Contract Compliance standard employment goals of 17.9% for minorities and 6.9% for women or for those companies completing an availability analysis the target hiring goals can be expressed as percent of availability):*

	Target		Target		Target
	Number of New Hires		Percent of Availability		Date
	MINORITY	FEMALE	MINORITY	FEMALE	MM/DD/YY
Officials & Managers			0%	0%	TBD
Professionals	1		0%	0%	TBD
Technicians			0%	0%	
Sales Workers	1	1	0%	0%	TBD
Office & Clerical			0%	0%	
Craftsman (Skilled)			0%	0%	
Operatives (Semi-Skilled)			0%	0%	
Laborers (Unskilled)			0%	0%	
Services Workers			0%	0%	

Notes:

1. It is very difficult to find and retain employees that are willing to perform technician, labor or craftsman positions due to the extensive travel requirements & physical nature of our work (wearing heavy safety gear in high hazard environments). .

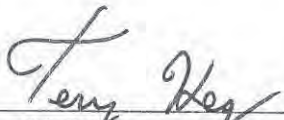
**AFFIRMATIVE ACTION PLAN
CORRECTIVE ACTIONS**

1. Shamrock Environmental Corp will contact agencies, such as the Florida Department of Labor, Division of Employment Security, to list position vacancies. All such listings will state that Shamrock Environmental Corp is an Equal Opportunity Employer;
2. Shamrock Environmental Corp will advertise position vacancies in local area newspapers. All such advertisements will state that Shamrock Environmental Corp is an Equal Opportunity Employer;
3. Shamrock Environmental Corp will reaffirm with all executive search firms and employment agencies that it is an Equal Opportunity Employer;
4. For professional-level vacancies, including those requiring a specialized education, the placement offices at the local area colleges and other post-secondary schools will be contacted;
5. Department managers will be made aware of the problem areas identified in the firm's self-analysis and the Equal Employment Opportunity policy will be reaffirmed to them;
6. An Applicant Flow Log will be maintained to aid in the analysis of our recruiting efforts and procedures;
7. The selection and promotion processes will be constantly analyzed to seek out and eliminate any barriers to the hiring and upward mobility of all applicants/employees;
8. All employees are familiarized with the firm's Equal Employment Opportunity Policy and Affirmative Action Plan, are given access to these documents and are made aware of the commitment of Shamrock Environmental Corp to ensure equal opportunity to all.

**AFFIRMATIVE ACTION PLAN
COMPLAINT PROCEDURE**

Any applicant or employee of Shamrock Environmental Corp who feels that they have been discriminated against in filling a position or assignment, in being granted a promotion or other opportunity, or in an administrative action, may bring the matter to the attention of Shamrock Environmental Corp through their supervisor, or through the EEO Coordinator, Terry Healy, CEO. The following is the procedure for processing and resolution of complaints of discrimination:

1. Contact Terry Healy, CEO, EEO Coordinator, to report the complaint;
2. Describe complaint, providing details of what occurred;
3. Within 10 days of receiving the complaint, the EEO Coordinator will conduct a thorough investigation of the complaint. A report detailing the results of the investigation will be submitted to the employee (or applicant), his/her supervisor, and principals of the firm within 30 days;
4. Appropriate corrective action will be taken in all instances where the complaint has basis.



Chief Executive Officer

Terry Healy

Printed Name

06/09/23

Date

Shamrock Environmental Corp

STATEMENT OF ADHERENCE TO REGULATIONS REQUIRING NONDISCRIMINATION IN THE EMPLOYMENT OF HANDICAPPED PERSONS, DISABLED VETERAN'S AND VETERANS OF THE VIETNAM ERA

It is the policy of Shamrock Environmental Corp to seek out and employ qualified personnel at all locations and facilities, and to provide equal employment opportunities for all applicants and employees in recruiting, hiring, placement, training, compensation, benefits, promotion, transfer, and termination. To achieve this, Shamrock Environmental Corp is dedicated to take affirmative action to employ and advance in employment qualified handicapped persons, disabled veterans, and veterans of the Vietnam Era.

Shamrock Environmental Corp is resolved to take voluntary, positive, business-oriented action which will contribute to the furtherance of the spirit and intent of Federal, State and Local legislation, government regulations and executive orders by providing affirmative action and equal employment opportunity to handicapped persons, disabled veterans, and veterans of the Vietnam Era.



Chief Executive Officer

Terry Healy

Printed Name

06/09/23

Date

Shamrock Environmental Corp

PLAN TO PROVIDE DM/DWBE(s) WITH PROCUREMENT OPPORTUNITIES

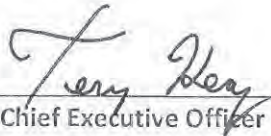
_____ believes that maximum utilization of DM/DWBE firms is an essential goal like our Affirmative Action Program. Our firm recognizes that tremendous efforts must be made by everyone to overcome the long-standing pattern of discrimination in the marketplace. We are committed to making this effort in the following areas:

- maintaining active contact with DM/DWBE firms for services;
- seeking DM/DWBE(s) as a part of contracted work, as contractor, sub-contractor, or on a joint venture basis;
- obtaining supplies and services from DM/DWBE vendors.

We are building our files from all known sources, as well as through informal personal referrals, and continue to actively seek out new sources. We actively utilize the certified DM/DWBE lists provided by the Small/Minority Business Section of Hillsborough County's Economic Development Department at 272-5969.

We have and will continue to utilize qualified DM/DWBE subcontractors, sub-consultants and vendors whenever feasible. We will provide equal opportunity in the procurement of goods and services that we purchase.

In all procurement efforts, an Affirmative Action Committee person is to be assigned to assure compliance with this plan. Records of all applicant vendors are to be kept on the Affirmative Action Record to be reviewed by the Committee.



Chief Executive Officer

Terry Healy

Printed Name

06/09/23

Date

DRUG-FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

Aqua Clean Environmental,

does:

(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Offeror's Signature

June 9, 2023

Date



Cindy Stuart

CLERK OF COURT & COMPTROLLER
HILLSBOROUGH COUNTY

Subject: W-9 Solicitation

Dear Vendor:

To comply with new Internal Revenue Service (IRS) regulations regarding 1099 reporting, we are requesting that you complete the Substitute W-9 form on the reverse side of this letter. The information collected on this form will allow us to confirm that our records contain the official name of your business, the Tax Identification Number (TIN) that the IRS has on file for your business, and your business type. In addition, we are requesting that you let us know if you are a member of law enforcement (active or former), a firefighter, judge or any other protected status as defined by Florida Statute 119.071(4)(d). This information will assist us in keeping your data secure from public records requests.

If you are an Individual or a Sole Proprietor and do not have a Tax Identification Number for your business, please provide your name and Social Security Number (SSN) on the Substitute W-9 form.

Florida Statute 119.071(5) and the Federal Privacy Act of 1974; collection of Social Security Numbers:

Hillsborough County Clerk of the Circuit Court collects your Social Security Number for the purpose of tax reporting to the Department of the Treasury, Internal Revenue Service, and for identity verification purposes. Florida Statute 119.071(5) and the Federal Privacy Act of 1974 requires that the Clerk notify you in writing of the reason for collecting this information which will be used for no other purpose than herein stated.

PRIVACY ACT NOTICE

*Section 6109 of the Internal Revenue Code requires you to provide your correct TIN or SSN to persons who must file information returns with the IRS to report interest, dividends and certain other income paid to you. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. **You must provide your TIN or SSN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who doesn't give a TIN/SSN to a payer.***

You may return the completed form to us by fax at (813) 272-5544 or by mail to the following address:

Hillsborough County Clerk of the Circuit Court
Financial Services / Clerk Accounting
12th FL County Center
PO Box 1110
Tampa Florida 33601-1110

Failure to provide this information to us by may result in backup withholding of 28% being deducted from your payment.

If you have any questions regarding this request or the Substitute W-9 form, you may contact Hillsborough County Clerk of the Circuit Court, ServiceDesk Department at 813-307-8100 ext 7127.

Equity. Transparency. Independence.

Substitute W-9

Request for Taxpayer Identification Number (TIN) And Certification

PART I – PERSONAL or BUSINESS INFORMATION

Please write legibly	1-NAME of INDIVIDUAL, business name, or sole proprietor's name (as registered with the IRS-Internal Revenue Service) Shamrock Environmental Company		
	2-BUSINESS NAME (DBA-doing business as), if different from above. Aqua Clean Environmental Company, LLC		
	3-CHECK ONE BOX to identify the type of business named above.		
	<input type="checkbox"/> Individual/Sole Proprietor <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Non-profit 501(c) <input type="checkbox"/> Associations/Estate or Trust <input type="checkbox"/> Government Entity (Exempt under section 501(a)) <input type="checkbox"/> Medical or Legal Corporation <input type="checkbox"/> Foreign Entity(fill out appropriate W-form) <input type="checkbox"/> LLC-Limited Liability Company (If business listed on line 2 is an LLC, must also select an LLC type from below) [] Disregarded entity [] Partnership <input checked="" type="checkbox"/> Corporation [] Individual/Sole Proprietor (enter owner/individual's name on line 1 above, business/DBA name on line 2)		
	4-WITHHOLDING (Optional) <input type="checkbox"/> Already subject to backup withholding <input type="checkbox"/> Exempt from backup withholding		
	5-PROTECTED STATUS – Florida Statute 119.071(4)(d) Are you a member of law enforcement (active or former), a firefighter, judge or any other protected status as defined by Florida Statute 119.071(4)(d)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
6-ADDRESS - Street (include apt # or suite number) 6106 Corporate Park Drive City Brown Summit State NC ZIP 27214 E-mail address ✓			

PART II – TAXPAYER IDENTIFICATION NUMBER (TIN)

Enter your TIN in the Appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). For other entities, it is your employee identification number (EIN).

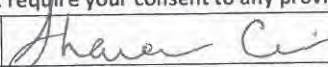
SSN		TIN / EIN	56-1885383
-----	--	-----------	------------

PART III - CERTIFICATION

Under penalties of perjury, I certify that:

- 1 The number shown on this form is my correct TIN (tax payer identification number) or I am waiting for a number to be issued to me, and
- 2 I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding and
- 3 I am a U.S. citizen or other U.S. person (see definition below).

The IRS does not require your consent to any provision of this document other than the certifications required to avoid backup withholding

Sign here > 	Date >	5-30-23
---	--------	---------

Florida Statute 119.07 (5) and the Federal Privacy Act of 1974; Collection of Social Security Numbers

The Hillsborough County Clerk of the Circuit Court collects your social security number for the purposes of tax reporting to the Department of the Treasury, Internal Revenue Service (IRS) and for identity verification purposes. Florida Statute 119.07 (5) and the Federal Privacy Act of 1974 require the Clerk to notify you in writing of the reason for collecting this information which will be used for no other purpose than herein stated.

GENERAL INSTRUCTIONS (section references are to the Internal Revenue Code unless otherwise noted).

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of the income from such business. Further, in certain cases where a form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.



6106 Corporate Park Drive • Browns Summit, NC 27214
336-375-1989 • 800-881-1098 • Fax 336-282-2499
www.shamrockenviro.com

June 14, 2023

To whom it may concern:

On December 14, 2020, Shamrock Environmental Corporation acquired 100% of the ownership interest in Aqua Clean Environmental, LLC formerly known as Aqua Clean Environmental Co., Inc. Shamrock Environmental Corporation will continue to do business as Aqua Clean Environmental Co.

Sincerely,

Brad Hicks,
CFO, Shamrock Environmental Corporation

June 14, 2023



To whom it may concern:

On December 14, 2020, Shamrock Environmental Corporation acquired 100% of the ownership interest in Aqua Clean Environmental, LLC formerly known as Aqua Clean Environmental Co., Inc. Shamrock Environmental Corporation will continue to do business as Aqua Clean Environmental Co.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kevin Smith", is written over a faint, circular watermark of the Aqua Clean logo.

Kevin Smith

Controller, Aqua Clean Environmental Co., Inc.

Question Set 1: Affirmations

#	Question	Response	Comment
1.0.1	Name of person submitting the Bid.	Katie Kinney	Katie Kinney
1.0.2	Title of person submitting the Bid.	Project Manager	Submitting bid at the direction of Bob Graziano, President of Shamrock Environmental Corp.
1.0.3	I represent that I am at least eighteen (18) years of age.	Yes	Katie Kinney is over 18 years old.
1.0.4	I represent that the printing of my name and the submittal of a Bid is intended to authenticate this writing and to have the same force and effect as my manual signature.	Yes	Yes my electronic signature is valid.
1.0.5	I represent that I am either authorized to bind the Bidder, or that I am submitting the Bid on behalf of and at the direction of the Bidder's representative authorized to contractually bind the Bidder.	Yes	I am submitting bid at the direction of Bob Graziano, President of Shamrock Environmental Corp.
1.0.6	I represent that the Bidder and/or its applicable representative(s) has reviewed the information contained in this Bid and that the information submitted is accurate.	Yes	Yes submitting bid at the direction of Bob Graziano, President of Shamrock Environmental Corp.
The above-named Bidder affirms and declares:			
6 Questions		100.00% Complete	

Question Set 1: General Requirements

#	Question	Response	Comment
1.0.1	Deviation(s): Any representation of deviation(s) may cause this Bid to be rejected by Hillsborough County. The following represents every deviation (itemized by number) to the foregoing Invitation to Bid upon which this Bid is based.	Add term 2.11 contractor right to terminate the contract. If regulatory requirements for leachate treatment and disposal change, the contractor reserves the right to cancel the contract at any time by providing the county with thirty (30) day written notice.	Aqua Clean's pricing for disposal services is based on the county's waste determination (non hazardous) and the current regulatory requirements of EPA and FDEP. EPA is in the process of developing new regulations for emerging contaminants (PFAS, PFAO, etc.) that is expected to take place sometime in 2024. Under current regulatory conditions, landfill leachate is considered non hazardous waste. As such, Hillsborough County is currently disposing of the county's leachate as non hazardous waste. If EPA regulations change and leachate becomes a hazardous waste and/or a portion of the leachate is hazardous waste due to best available treatment technologies (BDAT), the contractors scop of work will change and the prices will no longer be valid.
1.0.2	In the event an Agreement is executed upon the award of this Invitation to Bid to the Bidder, the County will provide Successful Bidder with a copy of the executed Agreement, if applicable. The County prefers to provide the document via electronic mail (e-mail). However, if Bidder wishes to receive an original hard copy of the executed Agreement, it can be mailed. Indicate the delivery method desired.	Email	
1.0.3	Bidder will accept payment from the County by direct deposit through the ACH electronic payment solution. Note: If Bidder is already enrolled in the County's ACH solution for an existing contract/award, the Bidder will automatically receive payment using their enrolled solution in the event the Bidder is the Successful Bidder.	Yes	Yes, we are the incumbent and are currently enrolled in ACH.
1.0.4	Pursuant to the SPECIAL TERMS AND CONDITIONS that allows the Contract to be available to all government agencies, departments, and municipalities, does the Bidder agree to make the contract and bid prices submitted available to all government agencies, departments, and municipalities? The Bidder's choice to make the contract available (or not) will NOT be considered in the award of the Bid.	No	
4 Questions		100.00% Complete	

Question Set 1: The above-named Bidder affirms and declares:

#	Question	Response		Comment
1.0.1	At this present time, we understand all requirements and state that as a serious Bidder we will comply with all the stipulations included in this Solicitation Document.	Yes	True	
1.0.2	That the Bidder is of lawful age and that no other person, firm or corporation has any interest in this Bid or in the Contract proposed to be entered into.	Yes	True	
1.0.3	That this Bid is made without any understanding, agreement, or connection with any other person, firm or corporation making a Bid for the same purpose, and is, in all respects, fair and without collusion or fraud.	Yes	True	
1.0.4	That the Bidder is not in arrears to Hillsborough County upon debt or contract and is not a defaulter, as surety or otherwise, upon any obligation to Hillsborough County.	Yes	True	
1.0.5	That no officer or employee or person whose salary is payable, in whole or in part, from the County Treasury is, shall be or become interested, directly or indirectly, surety or otherwise in this Bid; in the performance of this Contract; in the supplies, materials, equipment, and Services and/or Work to which they relate; or in any portion of the profits thereof.	Yes	True	
1.0.6	That the Bidder has carefully examined the site where the Services and/or Work are to be performed and that, from the Bidder's own investigations, the Bidder is satisfied with the nature and location of the Project and/or Work to be performed; the character, quality and quantity of materials; the kind and extent of the equipment and other facilities needed for the performance of the Services and/or Work; the general and local conditions, all difficulties to be encountered; and all other items which may in any way affect the performance of the Services and/or Work.	Yes	True	
1.0.7	That the Bidder has not altered the original Solicitation Document in any way and further understands that any such alteration of the original Solicitation Document may result in rejection of the Bidder's Bid.	Yes	True	
1.0.8	Bidder acknowledges and understands that Section 287.135, Florida Statutes, prohibits agencies and governmental entities from contracting with a company for goods and/or services that are One Million Dollars (\$1,000,000) or more, if such company is (i) engaged in business operations in Cuba or Syria, (ii) on the Scrutinized Companies that Boycott Israel List (created pursuant to Florida Statutes, Section 215.4725), (iii) on the Scrutinized Companies with Activities in Sudan List (created pursuant to Florida Statutes, Section 215.473), or (iv) on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List (created pursuant to Florida Statutes, Section 215.473). Bidder hereby certifies that Bidder (i) is not engaged in business operations in Cuba or Syria, (ii) is not on the Scrutinized Companies that Boycott Israel List, (iii) is not on the Scrutinized Companies with Activities in Sudan List, and (iv) is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Bidder acknowledges and understands that pursuant to Florida Statutes, Section 287.135, the submission of a false certification may subject Bidder to civil penalties, attorneys' fees and/or costs.	Yes	True	

1.0.9	In addition to the Bidder's affirmations set forth herein, Bidder affirms and declares that Bidder is in compliance with Florida Statutes, Section 448.095 which, in part, requires all Contractors and its Subcontractors to register with and use the United States Department of Homeland Security's E-Verify system for all newly hired employees, and requires Contractors to obtain affidavits from its Subcontractors stating that the Subcontractor does not employ, contract with, or subcontract with an unauthorized alien. Bidder acknowledges and understands that pursuant to Florida Statutes Section 448.095, the County is required to terminate the Contract if it has a good faith belief that the Contractor knowingly violated Florida Statutes Section 448.09(1); whereupon, the Contractor will not be eligible for award of a public contract for at least one year from the date of such termination.	Yes	True	
9 Questions			100.00% Complete	



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/26/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Scott Insurance 400 Bellemeade Street, Suite 201 Greensboro NC 27401	CONTACT NAME: Amy Summers PHONE (A/C, No, Ext): 336-510-0075 E-MAIL ADDRESS: asummers@scottins.com FAX (A/C, No): 434-455-8965														
INSURED Shamrock Environmental Corporation; COP Shamrock Holdings, Inc. COP Shamrock Parent, Inc.; Shamrock Environmental Construction, Inc. 6106 Corporate Park Drive, Greensboro, NC 27214 Named Insureds Con't. Below	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A : Zurich American Insurance Company (A+)</td><td>16535</td></tr><tr><td>INSURER B : Evanston Insurance Company (A)</td><td>35378</td></tr><tr><td>INSURER C : Navigators Specialty Insurance Company (A+)</td><td>36056</td></tr><tr><td>INSURER D :</td><td></td></tr><tr><td>INSURER E :</td><td></td></tr><tr><td>INSURER F :</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Zurich American Insurance Company (A+)	16535	INSURER B : Evanston Insurance Company (A)	35378	INSURER C : Navigators Specialty Insurance Company (A+)	36056	INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Zurich American Insurance Company (A+)	16535														
INSURER B : Evanston Insurance Company (A)	35378														
INSURER C : Navigators Specialty Insurance Company (A+)	36056														
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES**CERTIFICATE NUMBER:** 1216185442**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab <input checked="" type="checkbox"/> X.C.U. GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:		GLO 3433314	10/1/2022	10/1/2023	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Comp \$500 <input checked="" type="checkbox"/> Coll \$1,000		BAP 3433313	10/1/2022	10/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Endorsement \$ MCS-90
B C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0		MKLV2EFX100986 GA22EXCZ02LTYIC	10/1/2022 10/1/2022	10/1/2023 10/1/2023	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 Excess Layer-Each Occ \$ 3,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	WC 3433312	10/1/2022	10/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B A	Contractor Pollution/Professional Installation Floater		MKLV2ENV103056 CPP015825806	10/1/2022 10/1/2022	10/1/2023 10/1/2023	10,000,000 per occur 1,000,000 10,000,000 per agg

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Named Insureds Cont'd.

Virginia American Industries, LLC
Aqua Clean Environmental of Virginia, LLC dba Reco Biotechnology
Richmond Administrative, LLC
Reco Biodiesel, LLC
Hospital Street Holdings, LLC
Aqua Clean Environmental Company, LLC
See Attached...

CERTIFICATE HOLDER**CANCELLATION**

Hillsborough County Clerk of the Circuit Court
Financial Services/Clerk Accounting
12th FL County Center
PO Box 1110
Tampa FL 33601-1110

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

**ADDITIONAL REMARKS SCHEDULE**Page 1 of 1

AGENCY Scott Insurance		NAMED INSURED Shamrock Environmental Corporation; COP Shamrock Holdings, Inc. COP Shamrock Parent, Inc.; Shamrock Environmental Construction, Inc. 6106 Corporate Park Drive, Greensboro, NC 27214 Named Insureds Con't. Below	
POLICY NUMBER			
CARRIER	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

Florida Recycling Solutions, LLC
Shamrock Environmental Corp. dba Fer, Inc.
Shamrock Environmental Corp. dba Aqua Terra Recycling & Treatment
Shamrock Environmental Corp. dba Environmental Options
Hillsborough County, a political subdivision of the state of Florida, is an Additional Insured on the listed General Liability an Auto Liability policies. General Liability coverage includes contractual liability coverage for insured contracts.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/1/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Scott Insurance 400 Bellemeade Street, Suite 201 Greensboro NC 27401	CONTACT NAME: Amy Summers PHONE (A/C, No, Ext): 336-510-0075 E-MAIL ADDRESS: asummers@scottins.com FAX (A/C, No): 434-455-8965
INSURED Shamrock Environmental Corporation; COP Shamrock Holdings, Inc. COP Shamrock Parent, Inc.; Shamrock Environmental Construction, Inc. 6106 Corporate Park Drive, Greensboro, NC 27214 Named Insureds Con't. Below	INSURER(S) AFFORDING COVERAGE INSURER A: Zurich American Insurance Company (A+) NAIC # 16535 INSURER B: Evanston Insurance Company (A) 35378 INSURER C: Navigators Specialty Insurance Company (A+) 36056 INSURER D: INSURER E: INSURER F:

COVERAGES**CERTIFICATE NUMBER:** 1617244428**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab <input checked="" type="checkbox"/> X.C.U. GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			GLO 3433314	10/1/2022	10/1/2023	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Comp \$500 <input checked="" type="checkbox"/> Coll \$1,000			BAP 3433313	10/1/2022	10/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Endorsement \$ MCS-90
B C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			MKLV2EFX100986 GA22EXCZ02LTYIC	10/1/2022 10/1/2022	10/1/2023 10/1/2023	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 Excess Layer-Each Occ \$3,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC 3433312	10/1/2022	10/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B A	Contractor Pollution/Professional Installation Floater Equipment Floater			MKLV2ENV103056 CPP015825806	10/1/2022 10/1/2022	10/1/2023 10/1/2023	10,000,000 per occur 1,000,000 10,237,866 10,000,000 per agg

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Named Insureds Cont'd.

Virginia American Industries, LLC
Aqua Clean Environmental of Virginia, LLC dba Reco Biotechnology
Richmond Administrative, LLC
Reco Biodiesel, LLC
Hospital Street Holdings, LLC
Aqua Clean Environmental Company, LLC
See Attached...

CERTIFICATE HOLDER**CANCELLATION**

Hillsborough County Clerk of the Circuit Court
Financial Services/Clerk Accounting
12th FL County Center
PO Box 1110
Tampa FL 33601-1110

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

**ADDITIONAL REMARKS SCHEDULE**Page 1 of 1

AGENCY Scott Insurance		NAMED INSURED Shamrock Environmental Corporation; COP Shamrock Holdings, Inc. COP Shamrock Parent, Inc.; Shamrock Environmental Construction, Inc. 6106 Corporate Park Drive, Greensboro, NC 27214 Named Insureds Con't. Below	
POLICY NUMBER			
CARRIER	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

Florida Recycling Solutions, LLC
Shamrock Environmental Corp. dba Fer, Inc.
Shamrock Environmental Corp. dba Aqua Terra Recycling & Treatment
Shamrock Environmental Corp. dba Environmental Options
Hillsborough County, a political subdivision of the state of Florida, is an Additional Insured on the listed General Liability an Auto Liability policies. General Liability coverage includes contractual liability coverage for insured contracts.

Coverage Extension Endorsement



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
BAP3433313	10/1/2022	10/1/2023				

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Business Auto Coverage Form
Motor Carrier Coverage Form

A. Amended Who Is An Insured

1. The following is added to the **Who Is An Insured** Provision in **Section II – Covered Autos Liability Coverage**:

The following are also "insureds":

- a. Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow for acts performed within the scope of employment by you. Any "employee" of yours is also an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.
- b. Anyone volunteering services to you is an "insured" while using a covered "auto" you don't own, hire or borrow to transport your clients or other persons in activities necessary to your business.
- c. Anyone else who furnishes an "auto" referenced in Paragraphs **A.1.a.** and **A.1.b.** in this endorsement.
- d. Where and to the extent permitted by law, any person(s) or organization(s) where required by written contract or written agreement with you executed prior to any "accident", including those person(s) or organization(s) directing your work pursuant to such written contract or written agreement with you, provided the "accident" arises out of operations governed by such contract or agreement and only up to the limits required in the written contract or written agreement, or the Limits of Insurance shown in the Declarations, whichever is less.

2. The following is added to the **Other Insurance** Condition in the Business Auto Coverage Form and the **Other Insurance – Primary and Excess Insurance Provisions Condition** in the Motor Carrier Coverage Form:

Coverage for any person(s) or organization(s), where required by written contract or written agreement with you executed prior to any "accident", will apply on a primary and non-contributory basis and any insurance maintained by the additional "insured" will apply on an excess basis. However, in no event will this coverage extend beyond the terms and conditions of the Coverage Form.

B. Amendment – Supplementary Payments

Paragraphs **a.(2)** and **a.(4)** of the **Coverage Extensions** Provision in **Section II – Covered Autos Liability Coverage** are replaced by the following:

- (2) Up to \$5,000 for the cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

C. Fellow Employee Coverage

The **Fellow Employee** Exclusion contained in **Section II – Covered Autos Liability Coverage** does not apply.

D. Driver Safety Program Liability and Physical Damage Coverage

1. The following is added to the **Racing** Exclusion in **Section II – Covered Autos Liability Coverage**:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

2. The following is added to Paragraph **2.** in the **Exclusions** of **Section III – Physical Damage Coverage** of the Business Auto Coverage Form and Paragraph **2.b.** in the **Exclusions** of **Section IV – Physical Damage Coverage** of the Motor Carrier Coverage Form:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

E. Lease or Loan Gap Coverage

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

Lease Or Loan Gap Coverage

In the event of a total "loss" to a covered "auto", we will pay any unpaid amount due on the lease or loan for a covered "auto", less:

- a. Any amount paid under the **Physical Damage Coverage** Section of the Coverage Form; and
- b. Any:
 - (1) Overdue lease or loan payments at the time of the "loss";
 - (2) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
 - (3) Security deposits not returned by the lessor;
 - (4) Costs for extended warranties, credit life insurance, health, accident or disability insurance purchased with the loan or lease; and
 - (5) Carry-over balances from previous leases or loans.

F. Towing and Labor

Paragraph **A.2.** of the **Physical Damage Coverage** Section is replaced by the following:

We will pay up to \$75 for towing and labor costs incurred each time a covered "auto" of the private passenger type is disabled. However, the labor must be performed at the place of disablement.

G. Extended Glass Coverage

The following is added to Paragraph **A.3.a.** of the **Physical Damage Coverage** Section:

If glass must be replaced, the deductible shown in the Declarations will apply. However, if glass can be repaired and is actually repaired rather than replaced, the deductible will be waived. You have the option of having the glass repaired rather than replaced.

H. Hired Auto Physical Damage – Increased Loss of Use Expenses

The **Coverage Extension** for **Loss Of Use Expenses** in the **Physical Damage Coverage** Section is replaced by the following:

Loss Of Use Expenses

For Hired Auto Physical Damage, we will pay expenses for which an "insured" becomes legally responsible to pay for loss of use of a vehicle rented or hired without a driver under a written rental contract or written rental agreement. We will pay for loss of use expenses if caused by:

- (1) Other than collision only if the Declarations indicate that Comprehensive Coverage is provided for any covered "auto";
 - (2) Specified Causes Of Loss only if the Declarations indicate that Specified Causes Of Loss Coverage is provided for any covered "auto"; or
 - (3) Collision only if the Declarations indicate that Collision Coverage is provided for any covered "auto".
- However, the most we will pay for any expenses for loss of use is \$100 per day, to a maximum of \$3000.

I. Personal Effects Coverage

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

Personal Effects Coverage

- a. We will pay up to \$750 for "loss" to personal effects which are:
 - (1) Personal property owned by an "insured"; and
 - (2) In or on a covered "auto".
- b. Subject to Paragraph **a.** above, the amount to be paid for "loss" to personal effects will be based on the lesser of:
 - (1) The reasonable cost to replace; or
 - (2) The actual cash value.
- c. The coverage provided in Paragraphs **a.** and **b.** above, only applies in the event of a total theft of a covered "auto". No deductible applies to this coverage. However, we will not pay for "loss" to personal effects of any of the following:
 - (1) Accounts, bills, currency, deeds, evidence of debt, money, notes, securities, or commercial paper or other documents of value.
 - (2) Bullion, gold, silver, platinum, or other precious alloys or metals; furs or fur garments; jewelry, watches, precious or semi-precious stones.
 - (3) Paintings, statuary and other works of art.
 - (4) Contraband or property in the course of illegal transportation or trade.
 - (5) Tapes, records, discs or other similar devices used with audio, visual or data electronic equipment.

Any coverage provided by this Provision is excess over any other insurance coverage available for the same "loss".

J. Tapes, Records and Discs Coverage

1. The Exclusion in Paragraph **B.4.a.** of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph **B.2.c.** of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form does not apply.
2. The following is added to Paragraph **1.a. Comprehensive Coverage** under the **Coverage** Provision of the **Physical Damage Coverage** Section:

We will pay for "loss" to tapes, records, discs or other similar devices used with audio, visual or data electronic equipment. We will pay only if the tapes, records, discs or other similar audio, visual or data electronic devices:

- (a) Are the property of an "insured"; and
- (b) Are in a covered "auto" at the time of "loss".

The most we will pay for such "loss" to tapes, records, discs or other similar devices is \$500. The **Physical Damage Coverage Deductible** Provision does not apply to such "loss".

K. Airbag Coverage

The Exclusion in Paragraph **B.3.a.** of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph **B.4.a.** of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form does not apply to the accidental discharge of an airbag.

L. Two or More Deductibles

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

If an accident is covered both by this policy or Coverage Form and by another policy or Coverage Form issued to you by us, the following applies for each covered "auto" on a per vehicle basis:

1. If the deductible on this policy or Coverage Form is the smaller (or smallest) deductible, it will be waived; or
2. If the deductible on this policy or Coverage Form is not the smaller (or smallest) deductible, it will be reduced by the amount of the smaller (or smallest) deductible.

M. Physical Damage – Comprehensive Coverage – Deductible

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

Regardless of the number of covered "autos" damaged or stolen, the maximum deductible that will be applied to Comprehensive Coverage for all "loss" from any one cause is \$5,000 or the deductible shown in the Declarations, whichever is greater.

N. Temporary Substitute Autos – Physical Damage

1. The following is added to **Section I – Covered Autos**:

Temporary Substitute Autos – Physical Damage

If Physical Damage Coverage is provided by this Coverage Form on your owned covered "autos", the following types of vehicles are also covered "autos" for Physical Damage Coverage:

Any "auto" you do not own when used with the permission of its owner as a temporary substitute for a covered "auto" you do own but is out of service because of its:

1. Breakdown;
 2. Repair;
 3. Servicing;
 4. "Loss"; or
 5. Destruction.
2. The following is added to the Paragraph **A. Coverage** Provision of the **Physical Damage Coverage** Section:

Temporary Substitute Autos – Physical Damage

We will pay the owner for "loss" to the temporary substitute "auto" unless the "loss" results from fraudulent acts or omissions on your part. If we make any payment to the owner, we will obtain the owner's rights against any other party.

The deductible for the temporary substitute "auto" will be the same as the deductible for the covered "auto" it replaces.

O. Amended Duties In The Event Of Accident, Claim, Suit Or Loss

Paragraph **a.** of the **Duties In The Event Of Accident, Claim, Suit Or Loss** Condition is replaced by the following:

- a. In the event of "accident", claim, "suit" or "loss", you must give us or our authorized representative prompt notice of the "accident", claim, "suit" or "loss". However, these duties only apply when the "accident", claim, "suit" or "loss" is known to you (if you are an individual), a partner (if you are a partnership), a member (if you are a limited liability company) or an executive officer or insurance manager (if you are a corporation). The failure of any

agent, servant or employee of the "insured" to notify us of any "accident", claim, "suit" or "loss" shall not invalidate the insurance afforded by this policy.

Include, as soon as practicable:

- (1) How, when and where the "accident" or "loss" occurred and if a claim is made or "suit" is brought, written notice of the claim or "suit" including, but not limited to, the date and details of such claim or "suit";
- (2) The "insured's" name and address; and
- (3) To the extent possible, the names and addresses of any injured persons and witnesses.

If you report an "accident", claim, "suit" or "loss" to another insurer when you should have reported to us, your failure to report to us will not be seen as a violation of these amended duties provided you give us notice as soon as practicable after the fact of the delay becomes known to you.

P. Waiver of Transfer Of Rights Of Recovery Against Others To Us

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us** Condition:

This Condition does not apply to the extent required of you by a written contract, executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by such contract. This waiver only applies to the person or organization designated in the contract.

Q. Employee Hired Autos – Physical Damage

Paragraph **b.** of the **Other Insurance** Condition in the Business Auto Coverage Form and Paragraph **f.** of the **Other Insurance – Primary and Excess Insurance Provisions** Condition in the Motor Carrier Coverage Form are replaced by the following:

For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented under a written contract or written agreement entered into by an "employee" or elected or appointed official with your permission while being operated within the course and scope of that "employee's" employment by you or that elected or appointed official's duties as respect their obligations to you.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

R. Unintentional Failure to Disclose Hazards

The following is added to the **Concealment, Misrepresentation Or Fraud** Condition:

However, we will not deny coverage under this Coverage Form if you unintentionally:

- (1) Fail to disclose any hazards existing at the inception date of this Coverage Form; or
- (2) Make an error, omission, improper description of "autos" or other misstatement of information.

You must notify us as soon as possible after the discovery of any hazards or any other information that was not provided to us prior to the acceptance of this policy.

S. Hired Auto – World Wide Coverage

Paragraph **7a.(5)** of the **Policy Period, Coverage Territory** Condition is replaced by the following:

- (5) Anywhere in the world if a covered "auto" is leased, hired, rented or borrowed for a period of 60 days or less,

T. Bodily Injury Redefined

The definition of "bodily injury" in the **Definitions** Section is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease, sustained by a person including death or mental anguish, resulting from any of these at any time. Mental anguish means any type of mental or emotional illness or disease.

U. Expected Or Intended Injury

The **Expected Or Intended Injury** Exclusion in Paragraph **B. Exclusions** under **Section II – Covered Auto Liability Coverage** is replaced by the following:

Expected Or Intended Injury

"Bodily injury" or "property damage" expected or intended from the standpoint of the "insured". This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect persons or property.

V. Physical Damage – Additional Temporary Transportation Expense Coverage

Paragraph **A.4.a.** of **Section III – Physical Damage Coverage** is replaced by the following:

4. Coverage Extensions

a. Transportation Expenses

We will pay up to \$50 per day to a maximum of \$1,000 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 48 hours after the theft and ending, regardless of the policy's expiration, when the covered "auto" is returned to use or we pay for its "loss".

W. Replacement of a Private Passenger Auto with a Hybrid or Alternative Fuel Source Auto

The following is added to Paragraph **A. Coverage** of the **Physical Damage Coverage** Section:

In the event of a total "loss" to a covered "auto" of the private passenger type that is replaced with a hybrid "auto" or "auto" powered by an alternative fuel source of the private passenger type, we will pay an additional 10% of the cost of the replacement "auto", excluding tax, title, license, other fees and any aftermarket vehicle upgrades, up to a maximum of \$2500. The covered "auto" must be replaced by a hybrid "auto" or an "auto" powered by an alternative fuel source within 60 calendar days of the payment of the "loss" and evidenced by a bill of sale or new vehicle lease agreement.

To qualify as a hybrid "auto", the "auto" must be powered by a conventional gasoline engine and another source of propulsion power. The other source of propulsion power must be electric, hydrogen, propane, solar or natural gas, either compressed or liquefied. To qualify as an "auto" powered by an alternative fuel source, the "auto" must be powered by a source of propulsion power other than a conventional gasoline engine. An "auto" solely propelled by biofuel, gasoline or diesel fuel or any blend thereof is not an "auto" powered by an alternative fuel source.

X. Return of Stolen Automobile

The following is added to the **Coverage Extension** Provision of the **Physical Damage Coverage** Section:

If a covered "auto" is stolen and recovered, we will pay the cost of transport to return the "auto" to you. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage.

All other terms, conditions, provisions and exclusions of this policy remain the same.

Additional Insured – Automatic – Owners, Lessees Or Contractors



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
GLO 3433314	10-1-2022	10-1-2023				

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Named Insured: SHAMROCK ENVIRONMENTAL CORPORATION

Address (including ZIP Code):

6106 CORPORATE PARK DRIVE

BROWNS SUMMIT, NC 27214

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

A. Section II - Who Is An Insured is amended to include as an additional insured any person or organization whom you are required to add as an additional insured on this policy under a written contract or written agreement. Such person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf,

in the performance of your ongoing operations or "your work" as included in the "products-completed operations hazard", which is the subject of the written contract or written agreement.

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and
2. Will not be broader than that which you are required by the written contract or written agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to:

"Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or failure to render, any professional architectural, engineering or surveying services including:

- a. The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional architectural, engineering or surveying services.

C. The following is added to Paragraph 2. Duties In The Event Of Occurrence, Offense, Claim Or Suit of Section IV – Commercial General Liability Conditions:

The additional insured must see to it that:

1. We are notified as soon as practicable of an "occurrence" or offense that may result in a claim;
2. We receive written notice of a claim or "suit" as soon as practicable; and
3. A request for defense and indemnity of the claim or "suit" will promptly be brought against any policy issued by another insurer under which the additional insured may be an insured in any capacity. This provision does not apply to insurance on which the additional insured is a Named Insured if the written contract or written agreement requires that this coverage be primary and non-contributory.

D. For the purposes of the coverage provided by this endorsement:

1. The following is added to the Other Insurance Condition of Section IV – Commercial General Liability Conditions:

Primary and Noncontributory insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured provided that:

- a. The additional insured is a Named Insured under such other insurance; and
 - b. You are required by written contract or written agreement that this insurance be primary and not seek contribution from any other insurance available to the additional insured.
- 2. The following paragraph is added to Paragraph 4.b. of the Other Insurance Condition of Section IV – Commercial General Liability Conditions:**

This insurance is excess over:

Any of the other insurance, whether primary, excess, contingent or on any other basis, available to an additional insured, in which the additional insured on our policy is also covered as an additional insured on another policy providing coverage for the same "occurrence", offense, claim or "suit". This provision does not apply to any policy in which the additional insured is a Named Insured on such other policy and where our policy is required by a written contract or written agreement to provide coverage to the additional insured on a primary and non-contributory basis.

E. This endorsement does not apply to an additional insured which has been added to this policy by an endorsement showing the additional insured in a Schedule of additional insureds, and which endorsement applies specifically to that identified additional insured.

F. With respect to the insurance afforded to the additional insureds under this endorsement, the following is added to Section III – Limits Of Insurance:

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the written contract or written agreement referenced in Paragraph A. of this endorsement; or
 2. Available under the applicable Limits of Insurance shown in the Declarations,
- whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

All other terms and conditions of this policy remain unchanged.