



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**THE VILLAGE OF WELLINGTON**

**ITB # 202119**

**ANNUAL LAB ANALYSIS**

**SEPTEMBER 22, 2021 · 11:00 A.M.**



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**1460 W. MCNAB ROAD**

**FORT LAUDERDALE, FL 33309**

**PH: 954-978-6400 · FX: 954-978-2233**

**EMAIL: M.ALEXANDER@FLENVIRO.COM**

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FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.  
1460 W. MCNAB ROAD  
FORT LAUDERDALE, FL 33309



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**1. BID SUBMITTAL, FSES LETTER & TECHNICAL  
PROPOSAL**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)

## BID SUBMITTAL

To:

Village of Wellington

12300 Forest Hill Blvd.

Wellington, Florida 33414

Florida-Spectrum Environmental Services, Inc.

(Vendor)

agrees to provide material for the Annual Lab Analyses in accordance with the requirements and specifications of the Bid Documents for the Village of Wellington as specified.

Gentlemen:

The undersigned Bidder has carefully examined the Specification requirements, Bid/Contract Documents and is familiar with the nature and extent of the Work and any local conditions that may in any manner affect the Work to be done.

The undersigned agrees to provide the service called for by the Specifications and Bid Documents, in the manner prescribed therein and to the standards of quality and performance established by the Wellington for the Bid price stated in the spaces herein provided.

The undersigned agrees to the right of the Wellington to hold all Bids and Bid guarantees for a period not to exceed one hundred and twenty (120) days after the date of Bid opening stated in the Invitation to Bid.

The undersigned accepts the invoicing and payment policies specified in the Bid.



Contractor's Signature

Dated this 22nd day of September, 2021

(Month)

(Year)



September 22, 2021

Village of Wellington  
Purchasing Division  
12300 Forest Hill Blvd.  
Wellington, FL 33414

**RE: PROPOSAL #: ITB #202119 ANNUAL LAB ANALYSES**

Dear Ms. Maria Miserendino and Members of the Selection Committee:

On behalf of Florida-Spectrum Environmental Services, Inc., I am pleased to submit the following proposal for the **Invitation to Bid: ITB #202119 ANNUAL LAB ANALYSES**. Florida-Spectrum is confident that we will exceed all the specified requirements to provide analytical support services to the **Village of Wellington**, as well as ensure adequate cost comparison and value.

The staff and management of **Florida - Spectrum Environmental Services, Inc.** are committed and prepared to perform the highest level of data quality and client services available in the industry. The laboratory staff and management are highly experienced and capable of not only addressing your routine analytical needs, but also, any special requests, we will work with the Village to create a custom, streamlined solution that meets your regulatory needs, data quality objectives and project schedule.

**Spectrum Laboratories, Inc.**, the parent company of **Florida-Spectrum Environmental Services, Inc. (FSES)**, was incorporated in the State of Florida on April 6, 1973. In forty-eight (48) years of service, **FSES** has evolved into a full-service laboratory network characterized by high quality control and high client satisfaction. **Florida - Spectrum Environmental Services, Inc.** operates four certified laboratories in Florida and Georgia. This geographical arrangement gives FSES the unique capability to collect short hold, urgent and emergency samples from anywhere in the area within a short transport distance of its facilities. Thus, FSES is uniquely capable of processing these types of samples in a timely manner. Our major analytical testing facility is in Ft. Lauderdale, Florida with Facilities in Ft. Meade, FL, Okeechobee, FL, Lakeland, FL and Garden City, GA that house over 30,000 ft2 of laboratories and offices designed for continued growth and expansion of analytical services. Our fleet of samplers and couriers will accommodate your needs no matter where you are located.

**Florida - Spectrum Environmental Services, Inc. will provide the following:**

- Single Point of Contact via Client Service Manager in the laboratory as well as a Customer Service Representative (outside account executive).
- **Sample kits** with all necessary supplies will be prepared and documented in accordance with FDEP-QA -001/01 at **No Additional Cost**.
- **Emergencies~ Florida-Spectrum Environmental Services, Inc.** will arrange for sample retrieval at Department specified facilities during the event of a Department determined emergency or crisis, service shall be provided within the hours of the Department's request. We will respond immediately, 24 hours a day, under emergency conditions as identified by the Departments. This is to include immediate analysis under conditions of suspected acute violations and imminent health risks.
- **All Field Sampling activities** will follow the applicable collection and quality control protocols and requirements described in the in The Department of Environmental Protection's 2017 Standard Operating Procedures for Field Activities (DEP QA Rule, 62-160, F.A.C.).
- Field testing, sample collection and preservation, laboratory testing, method detection limits, including quality control procedures, shall be in accordance with methods approved by the F.D.E.P. in Chapters 62-4.246 and 62.160, F.A.C., State of Florida Department of Health (DOH), National Environmental Laboratory Accreditation Conference (NELAC), and the Florida Department of Environmental Protection (FDEP); approved methods published by the F.D.E.P. or as published in Standard Methods, A.S.T.M.; or EPA methods, and Section 6.4 shall be used. All analysis

will be conducted within the holding times as specified by CFR 40 part 136, Table II, and the Florida Department of Environmental Protection (FDEP) Standard Operating Procedures.

- **Florida-Spectrum Environmental Services, Inc.** understands and will comply with the short hold of samples. Analysis in accordance with the required methodology approved by USEPA, FDEP and/or as per Standard Methods for the examination of drinking water, groundwater, wastewater, and biosolids samples method detection limit for each reported value will comply with FDEP SOP requirements.
- **Florida-Spectrum Environmental Services, Inc.** will notify the appropriate **Village of Wellington** Department immediately if analysis cannot be performed, i.e., loss of certification, broken bottles, samples received beyond acceptable holding times, malfunctioning instrumentation/equipment, etc.
- **Florida - Spectrum Environmental Services, Inc.** will provide **Village of Wellington** reports via e-mail (pdf file), electronic formats, along with the original hard copies signed to follow by mail. All reports will be submitted in hard copy and electronic format. All hard copy reports will be accompanied with its respective chain of custody, field sheets and quality assurance data. All electronic data will be submitted in the appropriate format, depending on the project.
- All laboratory analytical results will be **submitted in accordance with 62-160.340, F.A.C., Record Keeping and Reporting Requirements for Laboratory Procedures.**
- Dedication to meeting turnaround time requirements.
- A Quality Assurance program that complies with the NELAC Institute (TNI) standards, ISO 17025 compliant and is recognized nationally as meeting and exceeding guidelines for the generation of accurate, legally defensible data.
- Extensive experience working with all entities in the environmental sector including FDEP, County and City Government, Water Control Districts, and numerous industries and private consulting firms.
- **Florida-Spectrum** has an exemplary past performance on programs of similar complexity and scope of work. We have the ability, capacity, skill, and financial resources to perform the work and provide the service required in place and ready to support your program.
- All non-contractual items will be billed in accordance with Florida-Spectrum's current pricelist, **less a 50% discount.**

**Florida - Spectrum Environmental Services, Inc.** is committed to providing all the specified requirements in accordance with the requested turnaround time and all required bid specifications listed in the **Invitation to Bid #: ITB #202119 ANNUAL LAB ANALYSES**. I am confident that upon review of our qualifications, you will deem **Florida - Spectrum Environmental Services, Inc.** an asset to this contract.

Thank you for your time and consideration. I look forward to the opportunity to work with you. This response to the ITB was prepared without collusion with any person /entity submitting a response pursuant to this solicitation.

Sincerely,



**Monica B. Alexander**  
**Accounts Executive**  
Florida - Spectrum Environmental Services, Inc.

## APPROACH

**Florida – Spectrum Environmental Services, Inc.** has the resources and abilities to provide comprehensive analytical services to **The Village of Wellington** for the **ITB #202119 ANNUAL LAB ANALYSES**. **Florida – Spectrum Environmental Services, Inc.** has the ability, capacity, skill, and financial resources to perform the work or provide the service required. **Florida – Spectrum Environmental Services, Inc.** understands **The Village of Wellington's** objective in its solicitation to establish a term contract for the **Annual Lab Analyses** as specified. **Florida – Spectrum Environmental Services, Inc.** understands the requirements of the short hold time for samples. We can meet this need by providing timely, high quality analytical data in a manner that is responsive to **The Village of Wellington's** needs.

**Florida-Spectrum's** approach focuses on the FSES Customer Service Manager (CSM), we align the Village with a single point of contact, which ensures a line of communication to meet your technical and contractual requirements. At Florida-Spectrum Environmental Services, Inc. our business model is centered on the relationship we build with our clients. Good communication develops trusted partnerships, which in turn leads to successful project management. Your Customer Service Manager manages your projects from start to finish. You can call your CSM for bottle kits, status of analytical results, data interpretation, and technical questions. They are committed to delivering the full measure of our expertise and to ensure complete client satisfaction with each service we have to offer.

**Florida-Spectrum** will supply the Village with dedicated coolers, sample bottles, kits and shipping to and from the Village facilities. Ensuring sample integrity and sample holding times are met.

**Florida-Spectrum** believes that scientifically sound, legally defensible analytical data is the most critical element for the success of an environmental project. Ensuring a project's data quality objectives are met is Florida-Spectrum's primary goal. We do this by: Providing a superior standard of service, using the latest technology, operating with unwavering commitment to our clients and providing services that follow the entire life cycle of a project from initial planning to project management and implementation, to reporting of results, to final sample disposal.

**Ms. Maria Castellanos** will handle these responsibilities for the **Village of Wellington**. In case of the Primary Client Service Manager (Maria Castellanos) absence, the alternative contact shall be **Mr. Angel Barreto**, Client Service Manager. Upon receipt and login of the samples, Ms. Castellanos will verify all input into the LIMS systems to ensure accuracy of requested analysis, methodology, turnaround and client required detection limits. Her responsibilities include the monitoring of status, review of final data, quality assurance reports, and the delivery of the final report with its associated electronic media. Reports to include quality assurance will be submitted to the **Village of Wellington** within the time frame that has been requested.

**Florida – Spectrum Environmental Services, Inc.** has a well-established and faithfully followed project management process that ensures timely delivery of data and other receivables, as well as meeting client specifications. The formal project management process begins with the arrival of samples. The client service manager verifies that the information entered into our LIMS system regarding each sample matches the information given on the chain of custody form(s). The client service manager also verifies any needs for a rush analysis, special deliverables, etc., during this time.

The LIMS system then plays a vital role in maintaining the project while the work is conducted in the lab, automatically generating reports for each department that inform them of what samples must be analyzed by which tests and when those test results are due. The client service manager, meanwhile, reviews the progress of the project daily (often multiple times per day), also by generating a report from the LIMS system. When the LIMS system indicates that all data for all samples have been entered, the client service manager then validates the data and generates the final report. Simultaneously, the QAD generates the necessary QA/QC report and reviews it. The data is only considered finalized once both the client service manager and the QAD have agreed that the data are valid and acceptable and have indicated such by signing their respective reports.

Our highly experienced team of quality assurance specialists, chemists, account executives and customer service managers combine to form a unique resource that can be used to provide technical and regulatory guidance and aid developing innovative solutions to today's complex array of environmental requirements. You are also assigned an Account Executive to provide quotations, identify your analytical requirements, and provide additional support as required. They act as a liaison between clients and laboratories to provide technical and logistical support, problem resolution, and complete client



satisfaction. They will be available to schedule periodic meetings with the Village personnel to provide a forum for discussing creative ideas for program improvement.

The efforts of our Team – Customer Service Managers and technical Account Executives – teamed with our field and analytical personnel serve to make **Florida-Spectrum Environmental Services, Inc.** an extension of your environmental team. It is our intent to build trust and value in the business and demonstrate the highest level of integrity and quality in all the actions we take and in the services we deliver.

**Florida – Spectrum Environmental Services, Inc.** has become one of the leading environmental testing laboratories because we constantly measure our performance against our objectives and learn, adjust and continuously improve. Our laboratories collectively maintain State and NELAP certifications in order to provide overlap of services and capabilities, this enables us to support one another and successfully manage large scale, and long-term projects. High levels of qualification are maintained through seminars, presentations, in house training, and continuing education. Topics range from the scope and application of standard operating procedures to critical advances in laboratory safety, analytical techniques, instrumental technology and ethics.

We meet our client's need for data integrity – a statement supported by our continued success on audit samples, NELAP certification and client audits. The high degree of accuracy and precision reflects our employees' commitment to follow standard operating procedures and a company-wide acceptance of high standards in our QA/QC program. Our investment in information technologies and state of the art instrumentation provides the tools the chemists need to be successful in meeting the quality standards set by the industry and the regulatory authorities. We are proud to provide our clients with legally defensible data that stands up to the scrutiny of the most demanding evaluation.

Our major analytical testing facility resides in Ft. Lauderdale, Florida with facilities in Ft. Meade, Okeechobee, Lakeland, FL and Garden Village, GA that house over 30,000 ft<sup>2</sup> of laboratories and offices designed for continued growth and expansion of analytical services. Our fleet of samplers and couriers will accommodate your needs no matter where you are located. Our **Ft. Lauderdale Facility** will be servicing the **Village of Wellington** to accommodate the short holds, analysis of samples, pickups, delivery of bottles and field sampling. Our Ft. Lauderdale laboratory is **52 min (37.2 mi) from the Village of Wellington**.

**Florida – Spectrum Environmental Services, Inc.** will provide vendor supplied certified Level A pre-cleaned containers to the **Village of Wellington** in accordance with the requirements. Accompanying each kit will be the appropriate preservatives, pipets, disposable gloves and coolers. **Florida – Spectrum Environmental Services, Inc.** will provide Field Sampling activities that follow the applicable collection and quality control protocols and requirements described in The Department of Environmental Protection's 2017 Standard Operating Procedures for Field Activities (DEP QA Rule, 62-160, F.A.C.). **Florida – Spectrum Environmental Services, Inc.** sampling teams are trained in the FLDEP latest sampling techniques. We will provide courier service pickup utilizing our field services group dispatched from our **Ft. Lauderdale facility** for the **Village of Wellington**.

Florida-Spectrum's field personnel follow the clients permit compliance monitoring requirements and follow the applicable collection and quality control protocols and requirements, per FLDEP. Equipment includes, but is not limited to, instruments to perform field tests such as pH, conductivity, temperature, chlorine (free, total residual, dioxide), dissolved oxygen (DO), depth to water, total depth of well, filtered in field, oxidation reduction potential (ORP), salinity, and turbidity. Our **sampling** teams are all trained in the FLDEP and EPA latest sampling techniques and are 40 Hour OSHA trained. We utilize the most advanced sampling apparatus and techniques to preserve data integrity from the field to the laboratory.

**Florida-Spectrum** has exemplary past performance on programs of similar complexity and scope of work. We have the technical and reporting capabilities in place and ready to support the Village's requirements.

## Turnaround Time

A copy of the analysis reports will be executed per the requested turnaround time as stated in the bid documents. (Florida-Spectrums standard turnaround is 5-7 business days) and (Subcontracted analyses will have a turnaround of 2-3 weeks). All laboratory analytical results will be **submitted in accordance with 62-160.340, F.A.C., Record Keeping and Reporting Requirements for Laboratory Procedures.**

Our standard turnaround time (TAT) is 5-7 business days for most analyses. Express TAT is also available. Florida-Spectrum Environmental Services, Inc. offers from a same day TAT up to our standard 5-7-day TAT depending upon our client's need. Prior notification and approval is recommended for projects requiring an expedited TAT. Our **"rush" completion in twenty-four (24) is (Factor of 100% X Price), forty-eight (48) is (Factor of 75% X Price), and seventy-two (72) is (Factor of 50% X Price).**

## Electronic Data Transfer

*FSES* has developed a post analytical data management capability that enables electronic downloading of validated data. Clients may elect to import their data deliverables, by modem, to the spreadsheet or database of their choice. Reports can also be delivered on USB flash drive.

**HISTORY & MANAGERIAL CAPABILITIES**

**ORGANIZATIONAL STRUCTURE**

**LOCATION**

**EXPERIENCE WITH GOVERNMENT AGENCIES**

**REFERENCES**

## HISTORY

**Spectrum Laboratories, Inc.**, the parent company of **Florida-Spectrum Environmental Services, Inc. (FSES)**, was incorporated in the State of Florida on April 6, 1973. In forty-eight (48) years of service, **FSES** has evolved into a full-service laboratory network characterized by high quality control and high client satisfaction. **Florida - Spectrum Environmental Services, Inc.** gross annual sales of the laboratory are 3.8 million and we operate four certified laboratories and a service center in Florida and Georgia. This geographical arrangement gives **FSES** the unique capability to collect short hold, urgent and emergency samples from anywhere in the area within a short transport distance of its facilities. Thus, **FSES** is uniquely capable of processing these types of samples in a timely manner. Facilities in Ft. Lauderdale, Ft. Meade, Okeechobee, Lakeland, FL and Garden City, GA house over 30,000 ft<sup>2</sup> of laboratories and offices designed for continued growth and expansion of analytical services. Our **Ft. Lauderdale facility** will be servicing the **Village of Wellington**.

With a history spanning over four decades, **Florida-Spectrum Environmental Services, Inc.** has participated in an array of environmental testing projects that have touched virtually every facet of the Environmental Industry. A client service management team that has a combined experience of greater than 30 years in the environmental testing field. Extensive experience working with all entities in the environmental sector including FDEP, County and City Government, Water Control Districts, and numerous industries and private consulting firms. Several clients, such as, Broward County WWOD, Town of Davie, City of Coral Springs, City of Margate, City of Homestead, Hardee County, City of Bowling Green and the City of Frostproof. This experience benefits our clients' by assuring that data deliverables will be accurate, precise, and legally defensible regardless of sample matrix or the analytical requirement. Our Quality Assurance program follows the procedures dictated under National Environmental Laboratory Accreditation Program (NELAP) and is recognized nationally as meeting and exceeding guidelines for the generation of accurate, legally defensible data.

Our centers are staffed with field scientists with an average experience of 5-10 years in environmental field services. The staff at these centers provides comprehensive sampling services for most applications. They also provide sample kits and sample pickup. Samples are delivered to the main laboratory by same-day and overnight courier service. Sample handling protocols have been established which prevent breakage and ensure security and continuity in sample custody.

**FSES** is staffed by 45 employees in Florida and 5 employees in Garden City, GA. Automated analytical systems run 24 hours a day, seven days a week. Facilities are supported by continued investment in automated data and information management systems. **Florida-Spectrum** attributes its success to the professionalism and technical expertise of its people. Regulatory compliance and legal defensibility of data deliverables is ensured by recruiting and retaining highly qualified professionals in the fields of analytical chemistry, environmental science, biology, microbiology, and computer sciences.

Our staff is well trained in the environmental regulations and methodologies to provide the support necessary to complete a project with success. In fact, they have gained much of their technical expertise through real world environmental analytical laboratory experience during their careers in the industry. The employees of **Florida-Spectrum** hold themselves accountable to the highest standard of ethics, trust, and quality. The majority of our technical staff have a bachelor's degree or higher in Chemistry, Biology, Environmental Science or another related field. All our analysts have documented demonstrations of capability on file for the analyses they perform. **Village of Wellington** will have the combined expertise of our Ft. Lauderdale staff. **Key members of our staff at this facility are as follows:**



## KEY PERSONNEL

### **Lyle Johnson, President/Laboratory Director**

Mr. Johnson has been the lab supervisor of Spectrum Laboratories, Inc. since 1974. He is responsible for overall operation of analytical activities in the Ft. Lauderdale, FL, Fort Meade, FL, Okeechobee, FL and Garden City, GA facilities. He is also President of Florida-Spectrum Environmental Services, Inc., which is the main analytical laboratory. Mr. Johnson responsibilities include technical oversight and administration of all laboratory and field operations and client services. Mr. Johnson, having worked in the environmental laboratory field for over 44 years, has extensive experience in analysis of multiple matrices for organic analytes. He has been instrumental in increasing the efficiency of his departments while retaining the highest level of quality. He holds a Bachelor of Science - Chemistry, from Florida Atlantic University.

### **Roxana Llambias, QA Director**

Ms. Llambias is responsible for the Quality Assurance program at Florida-Spectrum Environmental Services, Inc. She is experienced in the development, implementation and maintenance of quality assurance programs in environmental sampling and analysis operations for both government and private concerns. Ms. Llambias closely monitors all departments to ensure compliance with quality control protocols and laboratory methodologies. She conducts periodic internal audits and investigations, documents protocol deviations and initiates corrective action. Ms. Llambias is also responsible for all data management activities including system updates, archiving and modification. She is very knowledgeable in the analysis of multiple matrices for microbiology, inorganics, metals, organics, and solid parameters. She holds a Bachelor of Science in Biochemistry from the University of Havana.

### **Maria Castellanos, Client Services Manager/Lab Manager**

Ms. Castellanos acts as a liaison between the client and the laboratory personnel in the Ft. Lauderdale facility. She has worked in the environmental laboratory field over 32 years. At Florida-Spectrum Environmental Services, Inc. Ms. Castellanos serves as Lab Manager and Director of Project Management where she is directly responsible for managing the Technical Data Management department. Her current role with Florida-Spectrum Environmental Services, Inc. includes coordinating field service activities; ensuring that the analytical staff has the regulatory and background information necessary to complete projects in an accurate and timely manner; responsibility for communicating technical information to the client and provide other customer support services. She holds a Bachelor of Biology and Chemistry from Florida International University (FIU).

### **Angel Barreto, Client Services Manager**

At Florida-Spectrum Environmental Services, Inc. Mr. Barreto serves as a Customer Service Manager where he acts as a liaison between the client and the laboratory personnel in the Ft. Lauderdale facility. He is directly responsible for managing projects, scheduling and prioritization of projects, technical review of data, generation of analytical reports, coordinating field service activities and providing technical support to clients. His role in reviewing and validating laboratory data including Analysis, QAQC, Sample Custody and Field Service data. Generating, reviewing and validating environmental reports. Creating projects. Customer Service including analysis suggestions, report, regulation, scheduling, bottle kit, preservative, holding time, TAT, sampling, quality control and customer complaints in general. Preparing drinking water reports (62-550 & 62-555 F.A.C) and UCMR reports. Performing quantitative analysis of scientific data. He holds a Bachelor in E.H.S./ Health Informatics and Sociology from Stony Brook University, Stony Brook, NY.

**Professional Record  
of  
Lyle A Johnson  
President/Laboratory Director**

**Education/Training**

AA - Broward Community College, FL 1970  
B.S. - Chemistry, Florida Atlantic University, FL 1974

**Certificates:**

Private Pilot # 2102971  
Notary Public Florida # DD0453008

**Affiliations:**

Member of the American Chemical Society  
Charter Member of the Florida Society of Environmental Analysts

**Awards:**

Florida Atlantic University Alumni Association Lifetime Member Award - 1995  
U.S. Congressional Order of Merit - 2003

**Summary**

Mr. Johnson has been the lab supervisor of Spectrum Laboratories, Inc. since 1974. He is responsible for overall operation of analytical activities in the Ft. Lauderdale, FL, Fort Meade, FL, Okeechobee, FL, Lakeland, FL and Garden City, GA facilities. He is also President of Florida-Spectrum Environmental Services, Inc., which is the main analytical laboratory. Mr. Johnson responsibilities include technical oversight and administration of all laboratory and field operations and client services. Mr. Johnson, having worked in the environmental laboratory field for over 44 years, has extensive experience in analysis of multiple matrices for organic analytes. He has been instrumental in increasing the efficiency of his departments while retaining the highest level of quality. He holds a Bachelor of Science - Chemistry, from Florida Atlantic University.

**Relevant Experience**

- Spectrum Laboratories, Inc. Experience (1974 to Present)
- Florida-Spectrum Environmental Services, Inc. (2006 to Present)
- Mr. Johnson worked as a draftsman for Engineering Science, Inc. in San Diego, California performing duties including preparation of contract plans and standard drawings for a variety of projects involving wastewater treatment facilities, pump stations, reservoirs and chlorination stations. He also worked as a draftsman for Ross, Saarinen, Bolton & Wilder in Ft. Lauderdale, Florida in a similar capacity.

**Professional Record  
of  
Roxana Llambias  
QA Director**

**Education/Training**

B.S., BioChemistry, University of Havana, 1999  
The NELAC Institute (TNI)

**Summary**

Ms. Llambias is responsible for the Quality Assurance program at Florida-Spectrum Environmental Services, Inc. She is experienced in the development, implementation and maintenance of quality assurance programs in environmental sampling and analysis operations for both government and private concerns. Ms. Llambias closely monitors all departments to ensure compliance with quality control protocols and laboratory methodologies. She conducts periodic internal audits and investigations, documents protocol deviations and initiates corrective action. Ms. Brice is also responsible for all data management activities including system updates, archiving and modification. She is very knowledgeable in the analysis of multiple matrices for microbiology, inorganics, metals, organics, and solid parameters. She holds a Bachelor of BioChemistry from the University of Havana.

**Relevant Experience**

- Florida Spectrum Environmental Services (2012 to Present). Ms. Llambias is responsible for the Quality Assurance program at Florida-Spectrum Environmental Services, Inc. Analytical chemist experienced in EPA methods:
  - Inorganics, Metals, Organics, Solids, and Microbiology.
  - Instrumentation: HPLC, IC, GC/MS, Flow Analyzers, Discrete Analyzers, Block Digesters, Distillation Units, Incubators.
- Audit laboratory data, QC samples, lab reports, and procedures.
- Write SOPs, create control charts and quality assurance reports, and keep organized records of laboratory documents.
- Xenco Laboratories ~ Manager of Volatiles Department (2008 – 2012). Collaborate in developing and writing Standards Operating Procedures for Certified analytical test for department.
- Environmental testing of groundwater, surface water, drinking water, mixed wastes, solid wastes, hazardous wastes, petroleum products, soils, air, resins and other process wastes according to methods.( 8260B, 624,524.2, 8021, 8015, EPA18, TO-14, method 1311 and 1312).
- Reviewing and reporting data using industrial protocol and company procedures such as LIMS.
- Preparation of standards, internals, surrogates, and sample solutions.
- Analyzing data, interpreting observations and formulating conclusions.
- Keeping and organizing appropriate documentation as required by the company and by the SOP's.
- Training new employees and orienting them to company procedures and culture.
- KSA Environmental Laboratory (2007) ~ Manager of the Volatiles Department, acquiring more experience and knowledge with GC-MS system.
  - Manage and coordinate daily's activities and work assignment to Volatiles department.
  - Schedule daily assignments to prevent back log of sample analysis and meet quick client turnaround time needs.
  - Data review and approval for GC/ MS analysis performed by employees to maintain quality.
  - Monitoring quality control, identified problem, find solutions and performed preventive maintenance.
  - Training employees to follow EPA, Standards Methods and transitions into NELAC accredited test.
  - Analyst in Volatiles Department
  - Prepared and analyzed environmental water, soil an air samples according to EPA guidelines for the presences of volatile organic compounds (Methods 8260B, 624, 524.2, TPH-18 and TO14) using gas chromatograph and mass selective detector.
  - Interpreted data produced by gas chromatograph and mass selective detector and prepared it for remittance to clients. Performed routine preventive and reparative maintenance on instrumentation.

**Professional Record  
of  
Maria E. Castellanos  
Client Services Manager/Lab Manager**

**Education/Training**

B.S. Biological Science-Florida International University, Florida  
Microbiology, Biochemistry Major, University of Havana, Cuba

**Summary**

Ms. Castellanos acts as a liaison between the client and the laboratory personnel in the Ft. Lauderdale facility. She has worked in the environmental laboratory field over 32 years. At Florida-Spectrum Environmental Services, Inc. Ms. Castellanos serves as Lab Manager and Director of Project Management where she is directly responsible for managing the Technical Data Management department. Her current role with Florida-Spectrum Environmental Services, Inc. includes coordinating field service activities; ensuring that the analytical staff has the regulatory and background information necessary to complete projects in an accurate and timely manner; responsibility for communicating technical information to the client and provide other customer support services. She holds a Bachelor of Biology from Florida International University (FIU).

**Relevant Experience**

- Florida-Spectrum Environmental Services, Inc., Fort Lauderdale, FL, Laboratory & Customer Service Manager, (2005 to Present). Responsible for the day to day laboratory operations including supervision of both laboratory & support staff. Extensive experience in scheduling and project management
- Severn Trent Laboratories (former Precision Environmental Laboratory), Miramar, FL - Operations Manager, (2000 to 2004). Responsible for the day to day laboratory operations including supervision of both professional and support personnel. Extensive experience in scheduling and project management.
- Precision Environmental Laboratory, Miramar, FL, Organics Department Supervisor, (1993 to 2000). Working Supervisor in charge of the overall operation of the department including production flow, report review, and Quality Assurance, Experienced on GC/MS operation and troubleshooting: fully knowledgeable of EPA protocols and regulations.
- Enviropact, Inc. Miami, FL, GS/MS Supervisor, (1985 to 1992). Responsible for the scheduling and follow-up of all semi volatile analysis for the Organic Chemistry section as well as a supervision of personnel. Extensive experience with trace analysis of ground and drinking waters, soils and waste by GC and GC/MS following EPA methodologies. Responsible for interpretation of data and generation of QA/QC reports.



**Professional Record  
of  
Angel Barreto  
Customer Service Manager**

**Education/Training**

Bachelor's in E.H.S./ Health Informatics

**STONY BROOK UNIVERSITY - Stony Brook, NY**

**August 2011**

Bachelor's in Sociology

**Stony Brook University - Stony Brook, NY**

**August 2011**

**Summary**

At Florida-Spectrum Environmental Services, Inc. Mr. Barreto serves as a Customer Service Manager where he acts as a liaison between the client and the laboratory personnel in the Ft. Lauderdale facility. He is directly responsible for managing projects, scheduling and prioritization of projects, technical review of data, generation of analytical reports, coordinating field service activities and providing technical support to clients. His role in reviewing and validating laboratory data including Analysis, QAQC, Sample Custody and Field Service data. Generating, reviewing and validating environmental reports. Creating projects. Customer Service including analysis suggestions, report, regulation, scheduling, bottle kit, preservative, holding time, TAT, sampling, quality control and customer complaints in general. Preparing drinking water reports (62-550 & 62-555 F.A.C) and UCMR reports. Performing quantitative analysis of scientific data.

**Relevant Experience**

- Customer Service Manager, Florida-Spectrum Environmental Services, Inc. - 2019 to Present
- Client Relationship Manager - Libera, INC - Jamestown, NY - June 2017 to August 2019
- Project Coordinator/ Promoted Account Manager (2014) - PEAK SYSTEMS, INC - New York, NY - July 2012 to June 2017

## Points of Contact:

### **Lyle Johnson**

President/Laboratory Director  
1460 West McNab Road  
Ft. Lauderdale, FL 33309  
954.978.6400  
954.224.6746 (After Hours)  
[Lajohnson1@aol.com](mailto:Lajohnson1@aol.com)

### **Maria Castellanos**

Lab Manager/Client Service Manager  
1460 West McNab Road  
Ft. Lauderdale, FL 33309  
954.978.6400  
[m.castellanos@flenviro.com](mailto:m.castellanos@flenviro.com)

### **Monica Alexander**

Accounts Executive  
1460 W. McNab Road  
Ft. Lauderdale, FL 33309  
Phone #: 954.978.6400  
Cell: 305.733.0824  
Fax#: 954.978.2233  
Email: [m.alexander@flenviro.com](mailto:m.alexander@flenviro.com)

### **Roxana Llambias**

QA/QC Manager  
1460 West McNab Road  
Ft. Lauderdale, FL 33309  
954.978.6400  
[r.llambias@flenviro.com](mailto:r.llambias@flenviro.com)

### **Franklyn Galvis**

Director of Field Services  
1460 West McNab Road  
Ft. Lauderdale, FL 33309  
954.978.6400, Cell: 561.213.0445  
[f.galvis@flenviro.com](mailto:f.galvis@flenviro.com)

### **Angel Barreto**

Customer Service Manager  
1460 W. McNab Road  
Ft. Lauderdale, FL 33309  
Phone #: 954.978.6400  
Email: [a.barreto@flenviro.com](mailto:a.barreto@flenviro.com)

## MANAGERIAL CAPABILITIES

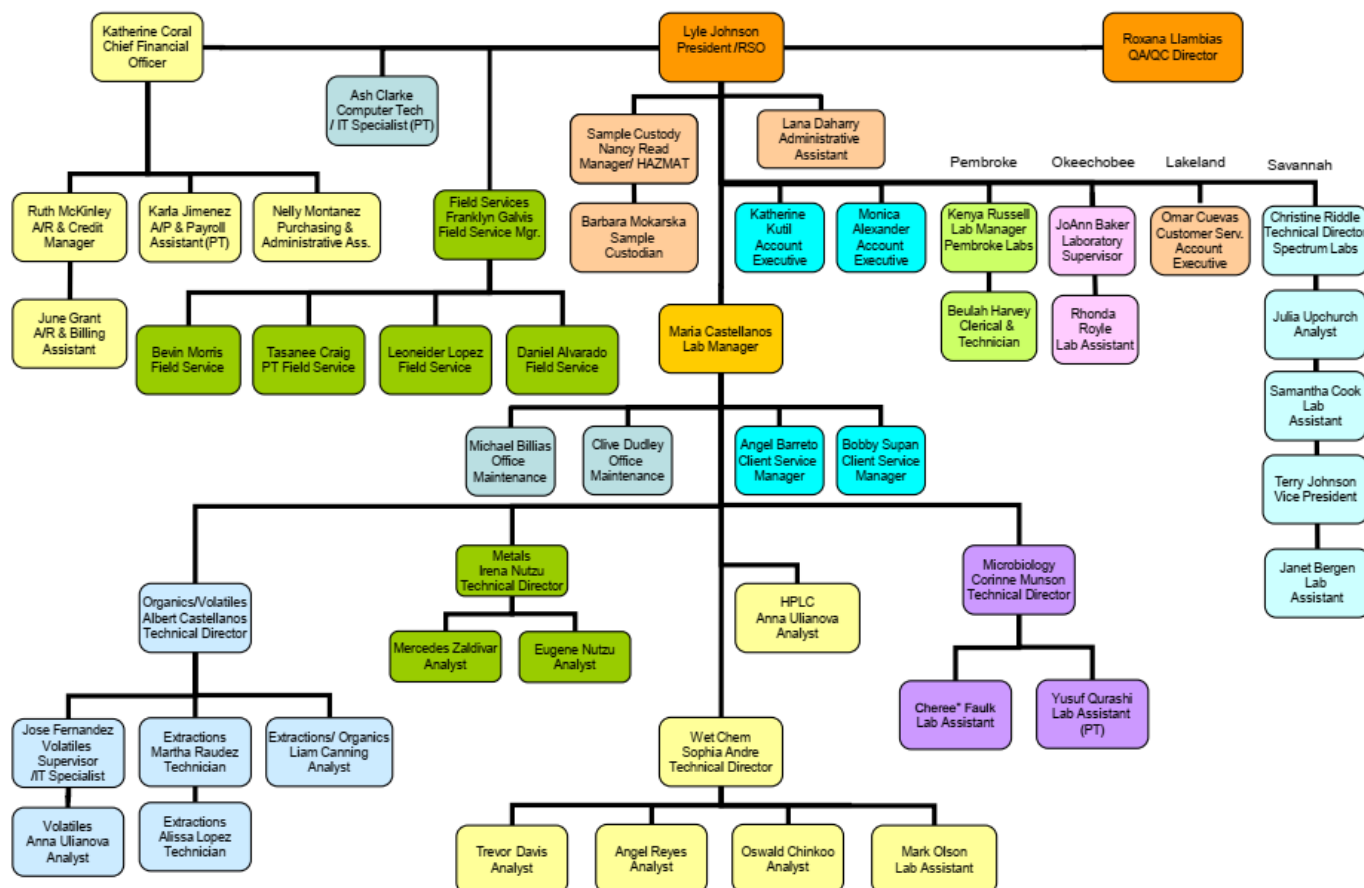
At **Florida-Spectrum** our managers create a strong workplace and culture which facilitates all employees to grow and engage, and at the same time business goals and objectives are achieved. It includes their leadership qualities, collaborative decision making, and nurturing creativity and innovation. At **Florida-Spectrum** our ability to manage tasks simultaneously and expeditiously shows that we have become one of the leading environmental testing laboratories because we constantly measure our performance against our objectives and learn, adjust, and continuously improve.

Our laboratories collectively maintain State and NELAP certifications in order to provide overlap of services and capabilities, this enables us to support one another and successfully manage large scale, and long-term projects. High levels of qualification are maintained through seminars, presentations, in house training, and continuing education. Topics range from the scope and application of standard operating procedures to critical advances in laboratory safety, analytical techniques, instrumental technology, and ethics. Our employees are our biggest asset and the Company invests in their training and enhancement.

Our approach to problem/task resolution and teamwork at **Florida-Spectrum Environmental Services, Inc.** is in our business model which is centered on the relationship we build with our clients. Good communication develops trusted partnerships, which in turn leads to successful project management. You are also assigned an Account Executive to provide quotations, identify your analytical requirements, and provide additional support as required. They act as a liaison between clients and laboratories to provide technical and logistical support, problem resolution, and complete client satisfaction. We make ourselves available to schedule periodic meetings with our client's personnel to provide a forum for discussing creative ideas for program improvement.

## FSES ORGANIZATIONAL CHART:

# FSES -Organizational Chart



Updated 06/18/2021



## LOCATION AND HOURS OF OPERATION

Our major analytical testing facility resides in Ft. Lauderdale, Florida with Facilities in Ft. Meade, Okeechobee, Lakeland, FL and Garden City, GA that house over 30,000 ft<sup>2</sup> of laboratories and offices designed for continued growth and expansion of analytical services. Our fleet of samplers and couriers will accommodate your needs no matter where you are located.

- Our **Ft. Lauderdale, location** will be servicing the **Village of Wellington** to accommodate the short holds, analysis of samples, pickups, delivery of bottles and field sampling.
- **Should an emergency arise, our staff can be dispatched and be on site in the event of an emergency that would require special sampling or emergency pickups.**
- **Hours of Operation:** Our sample custody and field services department's hours are Monday - Friday 8:00 a.m. to 6:00 p.m. and our Sample Custody Department is open on Saturday - 8:00 a.m. to 2:00p.m. Client Service Managers are available 8:00 a.m. – 5:00 p.m. Monday – Friday.
- The laboratory is not open on the weekends, although special arrangements can be made at a nominal fee to open the laboratory.
- Emergencies~ Florida-Spectrum Environmental Services, Inc. will arrange for sample retrieval at Department specified facilities during the event of a Department determined emergency or crisis, service shall be provided within the hours of the Department's request. We will respond immediately, 24 hours a day, under emergency conditions as identified by the Departments. This is to include immediate analysis under conditions of suspected acute violations and imminent health risks.
- This emergency provision includes Non-Business Hours, Weekends and Holidays. Should this emergency occur, due to the cost of operation, overtime, materials, and employees that will be provided during these emergencies, Florida-Spectrum Environmental Services, Inc. will charge a nominal fee.
- Florida-Spectrum observes and recognizes six days during the year; those holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

### FT. LAUDERDALE, FLORIDA

Florida-Spectrum Environmental Services, Inc.

1460 W. McNab Road

Ft. Lauderdale, FL 33309

PH: 954.978.6400

FAX: 954.978.2233

**52 min (37.2 mi) from the Village of Wellington**

**Florida-Spectrum Environmental Services, Inc.** maintains three laboratories and one service center in Florida for the Central Florida area to meet short holds and sampling requirements of our clients. Our centers are staffed with field scientists with an average experience of 5-10 years in environmental field services. The staff at these centers provides comprehensive sampling services for most applications. They also provide sample kits and sample pickup. Samples are delivered to the main laboratory by same-day and overnight courier service. Sample handling protocols have been established which prevent breakage and ensure security and continuity in sample custody.

## EXPERIENCE WITH GOVERNMENT AGENCIES

**Florida-Spectrum** has exemplary past performance on programs of similar complexity and scope of work. We have the technical and reporting capabilities in place and ready to support the Village's requirements.

### **City of Fort Meade**

Florida – Spectrum Environmental Services, Inc. recently started supporting the City of Fort Meade and has been available to receive and analyze samples for bacteria and other Wet Chemistry testing Parameters. All sampling kits, sample collection containers and chain of custodies are furnished by our laboratory. We currently coordinate samples drop offs and pickups within the samples holding times and provide results within the required turnaround time for the City.

### **Broward County Water & Wastewater Operations Division**

Florida – Spectrum Environmental Services, Inc. has supported the Broward County WWOD with analytical testing in an overflow capacity. Florida – Spectrum Environmental Services, Inc. analyzes Drinking Water, Groundwater, Wastewater Compliance, Leachate and Sludge for the analysis of volatiles, metals, general chemistry parameters, and TCLP analysis. The contract requires the Department of Health reporting formats and accelerated turnaround times with Level I and Level II quality control data.

### **City of Homestead**

Florida – Spectrum Environmental Services, Inc. has supported the City of Homestead with analytical testing and pickups on a daily basis. Florida – Spectrum Environmental Services, Inc. analyzes there Effluent and Influent water for the analysis of bacteriological samples for monitoring requirements. Florida – Spectrum Environmental Services, Inc. also provides sampling kits, samples pickups, and analysis for the City's Fleet Management Monitoring Wells Annual, Sludge/Biosolids Annual, and Separator's Quarterly Monitoring projects.

### **North Springs Improvement District (NSID)**

Florida – Spectrum Environmental Services, Inc. has supported the North Springs Improvement District with analytical testing and sampling on a daily, monthly and quarterly basis. Florida – Spectrum Environmental Services, Inc. analyzes Drinking Water, Groundwater, Wastewater and Sludge for the analysis of volatiles, general chemistry parameters, and bacteria. The contract requires the Department of Health reporting formats.

### **Services During Extraordinary Circumstances**

One of the major challenges our lab encountered was to maintain our Fort Lauderdale facility open during hurricane Irma in August 2017. The storm threatened to affect all the work-in-process for most of the clients listed above, since about 74% FPL customers lost electricity in Broward County. However, Florida-Spectrum Environmental Services, Inc. rapidly implemented a contingency plan, and the laboratory was able to remain operational during the storm, and even received emergency samples from other non-contract Cities and clients.

## REFERENCES

### **Jacob - City of Pembroke Pines**

Florida – Spectrum Environmental Services, Inc. has supported the Jacobs ~ City of Pembroke Pines with analytical testing and sampling on a daily, monthly, quarterly, and annual basis. Florida – Spectrum Environmental Services, Inc. analyzes Drinking Water, Groundwater, and Reclaimed Water for the analysis of organic, general chemistry parameters, and bacteria. The contract requires the Department of Health reporting formats.

Client Contact: Michael Cepeda (Water Treatment Plant Manager/Chief Operator)

Jacobs ~ City of Pembroke Pines

7960 Johnson Street

Pembroke Pines, FL 33024

Phone Number: (754) 260-4505

Fax Number: (954) 986-5025

Email: michael.cepeda@jacobs.com

Time Period: 2016 – Present

### **North Springs Improvement District (NSID)**

Florida – Spectrum Environmental Services, Inc. has supported the North Springs Improvement District with analytical testing and sampling on a daily, monthly, and quarterly basis. Florida – Spectrum Environmental Services, Inc. analyzes Drinking Water, Groundwater, Wastewater and Sludge for the analysis of volatiles, general chemistry parameters, and bacteria. The contract requires the Department of Health reporting formats.

Client Contact: Rod Colon (Director of Operations)

9700 NW 52nd Street

Coral Springs, FL 33076

Phone Number: (954) 796-6628

Fax Number: (954) 755-7237

Email: rodc@fladistricts.com

Time Period: 1979-Present

### **Broward County Water & Wastewater Operations Division**

Florida – Spectrum Environmental Services, Inc. has supported the Broward County WWOD with analytical testing in an overflow capacity. Florida – Spectrum Environmental Services, Inc. analyzes Drinking Water, Groundwater, Wastewater Compliance, Leachate and Sludge for the analysis of volatiles, metals, general chemistry parameters, and TCLP analysis. The contract requires the Department of Health reporting formats and accelerated turnaround times with Level I and Level II quality control data.

Client Contact: Mr. Naveen Mehan (Assistant Director)

Broward County Water & Wastewater Operations Division

2401 North Powerline Road

Pompano Beach, FL 33069

Phone Number: (954) 831-3057

Fax Number: (954) 960-0365

Email: nmehan@broward.org

Time Period: 2008 – Present

**FLORIDA LICENSURE (NELAP)**  
**SUBCONTRACTORS**  
**EQUIPMENT LIST**

## NELAP CERTIFICATIONS

### NELAP Certification through the Florida Department of Health

Over the years, the lab grew, more instrumentation and employees were added, and Spectrum became the first certified lab in South Florida. (E86006, the 006 suffix denotes the 6th lab to be certified in the state).

**Florida-Spectrum** was found to be in compliance with the TNI standards, and the Department of Health has recommended that we be certified for 100+ new analytes including Gross Alpha and Gross Beta. **FSES** is the first and only lab in South Florida certified for Radiochemistry. These additional certifications provide you with more testing resources and client-friendly service. Our Quality Assurance program complies and follows the procedures dictated under National Environmental Laboratory Accreditation Program (NELAP), NELAC Institute (TNI) standards, ISO 17025 compliant and is recognized nationally as meeting and exceeding guidelines for the generation of accurate, legally defensible data.

**Florida-Spectrum's** Environmental Laboratory Certification Program (NELAP) certification and Scope of Accreditation issued by the Florida Department of Health (REFER TO SECTION 16. NELAP CERTIFICATION & SCOPE OF ACCREDITATION).

## **SUBCONTRACTORS**

**Florida – Spectrum Environmental Services, Inc.** maintains strict procedures in the subcontract process. All samples that require subcontract are assigned our log number prior to subcontract. A Subcontract Logbook, maintained in the Sample Receiving Department, denotes log numbers and the parameters subcontracted to the lab. A subcontract Chain of Custody is sent with the samples and returned to Florida – Spectrum Environmental Services, Inc. Client Service Manager with the final report. Said documentation is maintained with the project paperwork. In addition to final reports, Florida – Spectrum Environmental Services, Inc. requires a quality assurance report from all subcontract laboratories.

## **SUBCONTRACT LABORATORIES**

**Florida Radiochemistry Services, Inc.**  
5456 Hoffner Road; Suite 201  
Orlando, FL 32812  
FL DOH Lab ID E83033  
Radium 226 & 228

**ALS Laboratory Group Environmental**  
10450 Stancliff Road, Suite 115  
Houston, TX 77099  
FL DOH Lab ID E87611  
Dioxin (1613)

**BCS Laboratories, Inc.**  
4609-A NW 6th Street  
Gainesville, FL 32609  
FL DOH Lab ID E82924  
Cryptosporidium & Giardia

**Benchmark EnviroAnalytical, Inc.**  
1711 12th St. E  
Palmetto, FL 34221  
FL DOH Lab ID E84167  
Bromate, Chlorite

**EMSL**  
19501 NE 10th Ave. Sky Lake Ind. Park, Bay A  
North Miami Beach, FL, 33179  
FL DOH Lab ID E86795  
Asbestos

**Pace Analytical Services, LLC**  
3610 Park Central N.  
Pompano Beach, FL 33064  
FL DOH Lab ID E86240  
Fecal Coliforms – MPN

**Flowers Chemical Laboratories**  
481 Newburyport Avenue  
Altamonte Springs, FL 32701  
FL DOH Lab ID E83018  
505, 531, 547, 548, 549



**Gel Laboratories, LLC**  
**2040 Savage Road**  
**Charleston, SC 29407**  
**FL DOH Lab ID E87156**  
**Strontium-90, TOX, Tritium**

**Eurofins Test America Savannah**  
**5102 Laroche Avenue**  
**Savannah, GA 31404**  
**FL DOH Lab ID E87052**  
**Ethylene Glycol**

**Eurofins Eaton Analytical, LLC - South Bend**  
**110 South Hill Street**  
**South Bend, IN 46617**  
**FL DOH Lab ID E87775**  
**PFAS, UCMR3, UCMR5**



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E87611

ALS LABORATORY GROUP, ENVIRONMENTAL  
10450 STANCLIFF RD. SUITE 115  
HOUSTON, TX 77099

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - DIOXIN, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE  
WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND  
CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL  
MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE  
ORGANICS, BIOLOGICAL TISSUE - EXTRACTABLE ORGANICS, AIR AND EMISSIONS - EXTRACTABLE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E87611-33-07/01/2021  
Supersedes all previously issued certificates



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E82924

BCS LABORATORIES, INC. - GAINESVILLE  
4609 NW 6TH STREET, BUILDING A  
GAINESVILLE, FL 32609

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - MICROBIOLOGY, NON-POTABLE WATER - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



A blue ink signature of Patty A. Lewandowski.

Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E82924-32-07/01/2021  
Supersedes all previously issued certificates



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E84167

BENCHMARK ENVIROANALYTICAL, INC.  
1711 12TH STREET EAST  
PALMETTO, FL 34221

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E84167-52-07/01/2021  
Supersedes all previously issued certificates





State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E86795

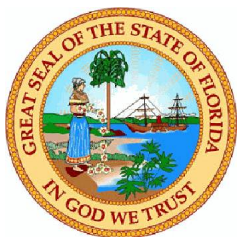
EMSL ANALYTICAL, INC. - FL  
SKYLAKE EXECUTIVE INDUSTRIAL PARK 19501 N.E. 10TH AVE., BAY  
A  
NORTH MIAMI BEACH, FL 33179

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



A blue ink signature of Patty A. Lewandowski.

Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E86795-19-07/01/2021  
Supersedes all previously issued certificates



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E87775

EUROFINS EATON ANALYTICAL, LLC - SOUTH BEND  
110 SOUTH HILL STREET  
SOUTH BEND, IN 46617

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, DRINKING WATER -  
GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY,  
DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER -  
SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - MICROBIOLOGY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E87775-43-07/01/2021  
Supersedes all previously issued certificates





State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E87052

EUROFINS TESTAMERICA SAVANNAH  
5102 LAROCHE AVENUE  
SAVANNAH, GA 31404

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E87052-65-07/01/2021  
Supersedes all previously issued certificates



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E83033

FLORIDA RADIOCHEMISTRY SERVICES, INC.  
5456 HOFFNER RD. SUITE 201  
ORLANDO, FL 32812

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - RADIOCHEMISTRY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



A handwritten signature in blue ink.

Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E83033-17-07/01/2021  
Supersedes all previously issued certificates



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E87156

GEL LABORATORIES, LLC  
2040 SAVAGE RD.  
CHARLESTON, SC 29407

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - RADIOCHEMISTRY, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - GROUP II UNREGULATED CONTAMINANTS, NON-POTABLE WATER - METALS, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - RADIOCHEMISTRY, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS, BIOLOGICAL TISSUE - EXTRACTABLE ORGANICS, BIOLOGICAL TISSUE - METALS, BIOLOGICAL TISSUE - PESTICIDES-HERBICIDES-PCB'S

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

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Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E87156-53-07/01/2021  
Supersedes all previously issued certificates





State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E86240

PACE ANALYTICAL SERVICES, LLC-POMPANO FL  
3610 PARK CENTRAL N.  
POMPANO BEACH, FL 33064

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - MICROBIOLOGY, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - GENERAL  
CHEMISTRY, NON-POTABLE WATER - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E86240-57-07/01/2021  
Supersedes all previously issued certificates



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E83018

FLOWERS CHEMICAL LABORATORIES  
481 NEWBURYPORT AVENUE  
ALTAMONTE SPRINGS, FL 32701

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

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Chief Bureau of Public Health Laboratories

DH Form 1697, 7/04

NON-TRANSFERABLE E83018-84-07/01/2021  
Supersedes all previously issued certificates

Florida Spectrum Environmental Services, Inc.  
Laboratory Equipment List

Version 36: 10/20/2020  
Document Control #: 0101120-003

WET CHEMISTRY	Suffix	ID	Manufacturer	Number	Placed in Service
	WET-2	Turbidity Meters	Hach 2100 P	1	2006
	WET-COLOR-1	Color	Orbeco-Hellige Aqua Tester	1	2006
	WET-4 <i>(Not in used since Nov.2016 )</i>	pH meter	Orion 940 s/n 2093	1	2006
	WET-4 <i>(same ID as previous pH meter)</i>	pH meter	Mettler Toledo FiveEasyPlus FP20 SN: B634929740 LE438 PH electrode	1	Nov. 2016
	WET-31 WET-34 WET-35 WET-43	Magnetic Stirrers / Hot Plates	220T Allied Fisher/ 120 M Thermomix/ Corning/ Barnstead Thermolyne	4	1990/2006
	CN-Block-Digester-1	Block Digester	Lachat Micro Dist	1	2006
	WET-24	COD Hot Block	Hach COD Reactor	1	1990
	WET-20 <i>(out of service 7/9/19)</i>	Analytical Balance	XS204 Mettler Toledo	1	2006
	WET-20 <i>( Same ID as previous analytical balance take out of service for the same use)</i>	Analytical Balance	RADWAG AS220R2 s/n: 616897	1	7/9/19
	WET-28(Wet Chem Des. -1)	Dessicators	Sanpla Dry Keeper	2	2006

WET-29 (Wet Chem Des. -2				
<b>WET-15 (Out of Service in 2014)</b>	Ion (IC-2) Chromatograph	Dionex	1	2006
Wet-Chem-SpectpH-1	Spectrophotometer	Hach DR 2010 s/n: 971000005804	1	2006
Wet-Chem-SpectpH-2 (Backup Inst.)	Spectrophotometer	Model: Spectronic 20D S Man.: Milton Roy s/n: 3327123006	1	6/3/17
WET-37	TOC analyzer	Dohrmann Phoenix 8000	1	2006
WET-18 (out of service) WET-18 (Same ID as previous) WET-12 WET-39	Ovens	Fisher Isotemp 500 VWR (The lab World #9385)  VWR 1320 VWR-1350F	3	1990 2020  2006 2015
WET-CHEM-DESS-3	Desiccator	Fisher Scientific	1	1990
<b>WET-22 (Out of Service)</b>	Flow Analyzer	Astoria 303A	1	2006
WET-48	Flashpoint-Koehler	Model K16200	1	2006
<b>R-4 (out of Service)</b>	Refrigerator 4	Beverage Air	1	
R-4 (same ID as previous)	Refrigerator 4	JAEL Cool	1	2/3/020
<b>R-5 (out of Service)</b>	Refrigerator 5	Master Bilt	1	
R-5 (same ID as previous)	Refrigerator 5	JAE Cool	1	2/5/2020
WET-10	Muffler Furnace	Thermodyne 62700	1	1990
WET-7	BLOCK Digester	Bran Lubbe BD-40	1	1992
<b>WET-41 (out of service)</b>	Block Digester	Lachat BD-46	1	
WET-41 (same ID as previous instrument)	Block Digester	BD50 Block Seal Analytical	1	10/20/20



			S/N: 5146U01334 BD28s/BD50s Digestion System Seal Analytical		
	<b>WET-8 (Out of Service)</b>	Block Digester	Technicon BD-40	1	1992
	WET-8	Refrigerator 3	Kenmore	1	1992
	WET-42	Top Load Balance	Sartorius BP310-S	1	
	WET-51	Parr Bomb Ignition Unit	Parr Instrument Corp	1	
	WET-44	Color - Nessler Tubes		1	
	<b>WET-45 (Out of Service)</b> <b>WET-46 (not found)</b>	Ion Selective Electrode Analyzer	Orion 940	2	2012
	WET-47	2 Channel Flow Analyzer	Lachat QuikChem 8500 Series 2	1	2012
	WET-26	4 Channel Flow Analyzer	Lachat QuikChem 8500	1	2007
	WET-49	Autoclave	Barnstead Laboratory Sterilizer C2250	1	2013
	WET-50	Class S Reference Weight Set	OHAUS	1	
	<b>WET-52 (Out of Service)</b>	Conductivity Meter	Sper Scientific	1	2013
	WET-54	Conductivity Meter	Sper Scientific S/N: 10121164 Probe:10151759(co nd.) Probe:10163357(sa lin.)	1	7/19/16
	Prep-8	Hot Shaker	Bellco Biotechnology	1	2011
	WET-1 Jupiter	Ion Chromatograph - 930 Compact IC	Metrohm	1	2014

		Flex; Autosampler - 858; Plus Autodiluter and In-Line Filtration 800 Dosino			
	WET-3 Saturn	Ion Chromatograph - 881 Compact IC Pro; Autosampler - 858	Metrohm	1	2014
	WET-9	Moisture Analyzer	Mettler Toledo HG63	1	2009
	WET-53 (Out of Service)	Top Loading Balance	Mettler Toledo PE4000	1	2013
	WL01	Hood - Wet Lab	Kewaunee 36"	1	?
	WL02	Hood - Dock Area	Fisher Safety Flow 84"	1	?
	WL03	Ice Machine	Manitowoc S320	1	?
	RAD-3	Centrifuge	IEC-HN-DII	1	2009
	WET-55	Digital Barometer	MarketLaB Model: 18246 S/N: 200007661	1	8/4/2020
METAL	MET-1 (send to Lakeland 11/3/16)	ICP # 1	Varian Vista MPX CCD Simultaneous ICP-OES	1	2003
	MET-2 (Sold)	ICP-MS	Thermo Scientific X Series ICP-MS	1	2006
	MET-5	Mercury analyzer PSA Merlin	PSA Millenium System	1	2014
	MET-6 (Grey Shelves)	Chelation- Instrument-1	Dionex	1	2000
	MET-7 (Received from Lakeland)	pH Meter	VWR SR30I Sn:00003441	1	January 2019
	MET-BALANCE-1	Analytical Balance	Mettler Toledo XS204	1	2006

MET-US-CLEANER-1	Ultrasonic Cleaner	Mettler Electronics Cavitator	1	
MET-BALANCE-2	Top load balance	Ohaus G8000	1	1992
MET-BALANCE-4	Analytical Balance	Mettler AE240	1	1994
MET-13 (out of service)	HotBlock-1	CPI Mod Block	1	
MET-13	Hotblock-1	Environmental Express s/n:3703CEC1785	1	January 2019
MET-14	HotBlock -2	Environmental Express Hotblock	1	2004
MET-19	ICP Optical Emission	Varian 720 ES		2006
MET-20	Multiple magnetic Stirrer and Heating	VELP Scientific AM4	1	2015
Met-Hg Analyzer-1	Atomic Absorption Spectrophotometer	Perkin Elmer 306	1	1987
333702	Class S Reference Weight Set	-	1	
ML01	Hood - Digestions	Labconco 60"	1	2014
MET-TUMBLER-1	Tumbler	Thames Technologies	1	?
MET-21	ICP-MS	Agilents Technologies 7800 ICP-MS Autosampler SPS4	1	March 2016
MET-22	Magnetic Stirrer	Fisher Thermix Stirrer	1	?
MET-23	ICP-OES	Agilent 5110 ICP-OES s/n: MY18230003 Autosampler SPS4	1	8/15/18

			s/n: AU18164840 Agilent Chiller G8481-80003 s/N: 1803-04203		
	MET-24 (Received from Lakeland)	Top Load Balance	Ohaus Navigator Sn:1121261991	1	2019
EXTRACTIONS	Prep-15 (Out of Service)	Turbovap	Zymark	1	2006
	Prep-16	Turbovap	Zymark	1	2006
	Prep-3	Analytical Balance	AG-204 Metler Toledo	1	1992
	Prep-2	Tumbler	Thames Technologies	1	2006
	Prep-18	Hood	Labconco 60"	1	1987
	Prep-5	Dessicator		1	?
	Prep-6	Extraction Manifold	JT Baker	1	2014
	SV-26	Oven for Glassware	Blue M	1	2013
	31861 (WC-18)	Class S Weight Set	Denver Instrument Company	1	2013
	Prep-9	Extraction Shaker	Recipro Shaker RS-1	1	2013
	MET-15	Hotplates	Corning	1	2006
	WET-32	Magnetic Stirrer	Allied/Fisher	1	
SEMI VOL PREP	Prep-1	Oven	VWR	1	1990
	SV-28 (back up)	Tumbler	Constructed in house	1	2006
	SV-29	Prep-Shaker	Glas-Col 099A VH200DH	1	March 2016
	SV-21	SV freezer	Excellence	1	1990
	SV-7	SV-freezer /refrigerator	Sears/Kenmore	1	1991 Orig 2014 SVOC Prep

SV-8	SV Freezer/Refrigerator	Kenmore BA22929314	1	2012
SV-1	SV freezer	Kenmore	1	2006
SV-3	Sonicator	Fischer	1	2006
Prep-11	Shaking tumbler	Burrell	1	2006
Prep-12	Hood	Labconco 48"	1	1987
Prep-13	Hood	Kewaunee 36"	1	2006
Prep-14	Hood	Labconco 36"	1	2006
SV-2	Sonicator XL	Heat Systems	1	?
SVT-3	Centrifuge	Jouan C312	1	2006
TV-2	Turbovap Concentrator	Biotage Turbovap II	1	April 2013
TV-3	Turbovap Concentrator	Biotage Turbovap II	1	April 2013
TV-1 (Out of Service)	Turbovap Concentrator	Zymark	1	?
TV-1 (came from Lakeland)	Turbovap Concentrator	Zymark	1	October 2018
TV-4 (came from Lakeland)	Rapidvap Concentrator	Labconco	1	October 2018
SV-5	Hot Plate Stirrer	Fischer Scientific	1	?
SV-24	Top Load Balance	Mettler PM600	1	?
SV-6	Ductless Fume Cabinet	Streamline	1	?
HB-2	Standard Heat Block	VWR	1	2006
HB-3	Standard Heat Block	VWR	1	2006
SV-27	Dishwasher	GE	1	2011
SV-4	Sonicator	Branson Sonifier 450	1	May 2013

	4254-S	Class S Reference Weight Set	-	1	
	EX02	Hood	Kewaunee 60"	1	2014
	SV-30	Glass Desiccator		1	Nov. 2016
SEMIVOLATILES	VOL-1 GCMS-1 BRAVO	5975C Series MSD 7890A Series GC 7683 Autosampler	Agilent	1	2010
	GC/MS #2 BARBARA	6890 Series GC 5973 Network MSD 7683 Autosampler	Agilent	1	2006
	GC/MS #3 TINA (Out of Service, grey shelves)	5890 Series II Plus GC 5972 Series MSD 7673 Autosampler	Hewlett Packard	1	1987
	GC/MS #4 IMHOTEP	5973 MSD 6890N Network GC System 7683B Series Autosampler	Agilent Technologies	1	June 2017
	GC/ECD #1 MONICA	5890 Series II GC 7673 Autosampler	Hewlett Packard	1	2006
	GC/ECD #2 JASON	6890 GC 6890 Autosampler	Hewlett Packard	1	1987
	GC/FID #3 RAY	5890 Series II PLUS GC 7673 Autosampler	Hewlett Packard	1	2006

	GC/FID #4 POUIS	5890 Series II GC 7673 Autosampler	Hewlett Packard	1	2006
	GC/ECD #5 CLAUDIA	6890N GC 7683 Autosampler	Agilent	1	2006
	GC/ECD #6 ECHO (Received from Lakeland)	HP 6890 series 7683 Series Injector	Hewlett Packard GC Agilent Injector Alpha Omega Tray	1	March 2018
	GC/FID GOLF (Received from Lakeland)	6890 GC 7683 Autosampler 7683 Injector	Agilent Technologies	1	January 2019
	GC/MS HOTEL (Received from Lakeland)	7890A GC System 5975C VL MSD 7683 Autosampler 7683 Injector	Agilent Technologies  Alpha Omega Alpha Omega	1	2019
MICROBIOLOGY	Micro-1 (Out of Service 7/8/15, grey shelves)	Balance	Sartorius BP221S	1	
	Micro-2	Microscope	AO Scientific	1	
	Micro-3	Autoclave No. 2	Market Forge Sterilmatic	1	
	Micro-4a Micro-4b	BOD Incubator/Shel don-Revco	Sheldon/Revco	2	2006 2006
	Micro-5 (Out of Service, grey shelves)	Waterbath	Precision 251	1	
	Micro-6A Micro-6B	Incubator A&B	Blue M	2	2004
	Micro-8 (Out of Service)	Refrigerator	General Electric	1	1987
	Micro-9 (Out of Service)	Dessicator	Fisher Scientific	1	
	Micro-10	Dessicator	Lab Line Dessicab	1	
	Micro-12 (out of service)	Incubator	Precision	1	



Micro-13	Water Bath	National	1	2007
Micro-14	Incubator	Blue M	1	2007
Micro-16	Incubator	Blue M	1	2010
Micro-17	Microwave	Sharp Carousel	1	
Micro-19 (BACKUP)	Aerator	Second Nature Whisper 900	1	
Micro-20	Stirplate	Thermolyne Nuova	1	
<b>Micro-21 (Out of Service)</b>	Coliform Waterbath	Precision	1	2012
Micro-22	Class S Reference Weight Set	Christian Becker	1	
Micro-23	Analytical Balance	Sartorius BP 110S	1	2015
Micro -24	Aerator	Active Aqua AAPA15L	1	2015
Prep-7	Waterbath	VWR	1	2010
Micro-25	Waterbath	Thermo Scientific	1	2015
Micro-26	DO Meter	Orion Star A223 Thermo Scientific	1	2015
Micro-27	Microscope	Nikon	1	
Micro-28	Portable lamp	LTS	1	
Micro-29	UV-Lamp	Spectroline EA-160	1	
Micro-30	Multifunnel Extractor	Pall Corporation	1	
Micro-31 (BACKUP)	UV-Lamp	Spectroline EA-160	1	
<b>OUT OF SERVICE</b>	Colony Counter	Lab AIDS	1	
<b>OUT OF SERVICE</b>	UV LAMP	Model UVG-11	1	
Micro-32	Quebec Darkfield Colony Counter	Reichert	1	December 2015
Micro-33	Seven Easy pH meter S20	Mettler Toledo	1	March 2016
Micro-34	Seriell Water Jacketed CO2 Incubator	Thermo Forma	1	August 2016

	Micro-35 (Out of Service)	Microscope	Bansch and Lomb	1	
	ML01	Hood- Sterilchem Gard III Advance	The Baker Company	1	
	WET-30 WET-33 (Heat is not working)	Magnetic stirrers/Hot plates	Model PC-310 VWR Model 320	2	
	Micro-36 Micro-37 Micro-38	Bacti-Cinerator	Oxford Scientific Products American Scientific Products	3	
	Micro-39	HotPot	Rival Products	1	
	Micro-40	Spectrafuge 24D	Labnet	1	
	Micro-41	Eppendorf	Mastercycler	1	
	Micro-42	Electrophoresis Systems	Fisher Biotech	1	
	Micro-43	QS-710 Quick Screen/EC-105	Shelton Scientific/EC Apparatus Corporation	1	
	Micro-44	Millipore UV Sterilizer	Millipore	1	September 2018
	Micro-45	Refrigerator	Kenmore	1	October 2018
VOLATILES	Micro-46	Timer	Thomas Scientific	1	
	GC/MS#1 STEEVO  (Out of Service)	5971 MS 5890 GC SERIES II Purge and Trap Concentrator Autosampler	HP HP Teledyne/Tekmar Velocity XPT Tekmar-Dohrmann AQUA Tek 70	1	2006
	VOL-2 GC/MS #2 ALPHA	5973 MS 6890 GC Concentrator Purge and Trap Autosampler	Agilent Agilent Tekmar Dohrmann 3100 Varian Archon	1	2006

VOL-3 GC/MS #3 CHARLEY  (GC and MSD replaced 2018 received from Lakeland)	5872 MS (out of service) 5890 GC SERIES II(out of service) Concentrator Purge and Trap Autosampler  GC 6890 5973 MSD	HP  HP  Tekmar Dohrmann 3100 (00242017) Varian Archon (14632) Agilent US10244125 Agilent US21844027	1	?       2018 2018
VOL-5	Freezer #9	Avanti	1	2006
VOL-6	Top Load Balance	Mettler-Toledo PB602-S	1	2006
VOL-7	Hood	Labconco 36"	1	1990
Vol-8	Refrig/Freezer	Kenmore	1	?
Vol-9	Class S Reference Weight Set	-	1	
VOL-4 GC/MS #4 DELTA	5973 MS 6890 GC Concentrator  Purge and Trap Autosampler	HP HP Tekmar Dohrman Velocity XPT Tekmar Dohrman Aquatek 70	1	2012
VOL-10 OrganicTumbler-1	Tumbler	Lars Lande MFG. Inc.	1	2015
VOL-11 GC/MS FOXTROT	6890 GC 5973 MS Purge and Trap Autosampler	Agilent Agilent Teledyne Tekmar Centurion	1	Septemb er 2018
VOL-12 (Moved from Metals to Volatiles)	pH Meter	VWR SB20	1	2006
VOL-13 Organic Tumbler-2 (Received from Lakeland)	Tumbler	Associated Designed and MFG CO S/N: 2038	1	July 2019

HPLC	HPLC-4	Refrigerator/ Freezer	Kenmore 19	1	2000
	HPLC-1 (Out of Service)	LC	HP 1090	1	?
	HPLC-2	LC Post Column Reactor	HP 1100 Mulan Laboratory ASI Model 310 Lab Alliance Pump	1	
	HPLC-3	LC	HP 1100	1	
	BAL-1	Analytical Balance	M220 Denver Instrument	1	
	WETCHEM-pH Meter-4	Manual pH Meter	Check Mite	1	
SAMPLE CUSTODY	Temp Gun-1	Raytek Temp Gun	02326871	1	
	SC-3	Continental Scientific Refrig.	Double Door	1	1994
	SC-4	Jordon	Double Door	1	2006
	SC-6	True Refrigerator	Single Door	1	2006
	SC-7	True Refrigerator	Single Door	1	2009
	SC-8	True Refrigerator	Double Door	1	2010
	SCF-9	Kenmore 29502	Single Door Freezer	1	2012
	SC-10	Whirlpool	Single Door	1	2016
	RAD-9	Geiger Counter	Mini-Monitor (out of service)	1	2009
	RAD-9 (ID Re-assigned 7/22/19 due to mini monitor out of service. Before RAD-10)	Geiger Counter	Ludlam 12S	1	2009
	SC-11	Magic Chef	Single Door	1	December 2019

RADIO CHEM PREP	RAD-1	Analytical Scale	Sartorius BP 210S	1	2013
	RAD-2	Fume Hood 36"	Fischer Scientific Conserv-Air	1	2009
	RAD-4	Hot Block	Barnstead Thermolyne HB47135	1	2009
	RAD-5	Hot Block	Environmental Express HB	1	2009
	RAD-7	Desiccator	S/N 00231	1	1990
	RAD-11	Desiccator	Sandplatec Corp	1	
RADIOCHEM LAB	RAD-6	Desiccator	Boekel	1	1990
	RAD-8	Gas Proportional Counter	Tennelec/Nucleus Model: LB4110 S/N: 13066	1	2009
	WET-38 (Out of Service)	TOC Analyzer	Dohrmann Phoenix 8000	1	2011
	WET-7 (Out of Service)	TOC Analyzer	Dohrmann Phoenix 8000	1	1991

**Field Service List of Meters**

**Michael Grant**

YSI Proseries S/N 0410000381381  
Turbidity Super Scientific 860040-AI73163  
Hach Chlorine Digital Meter  
Hach Chlorine Wheel Model

**Leoneider Lopez**

YSI Proseries S/N 12F102449  
Hach Turbidity meter S/N 13020C023559  
Hach Chlorine Digital Meter

Hach Chlorine Wheel Model CN-66F

**Bevin Morris**

YSI Proseries S/N 12B100049  
Hach Chlorine Wheel model  
Turbidity Super Scientific 860040-AJ39975

**Franklyn Galvis**

2 pH Milwaukee Meters



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**  
**ANNUAL LAB ANALYSES**  
**2. BID COVER PAGE**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.  
1460 W. MCNAB ROAD  
FORT LAUDERDALE, FL 33309  
PH: 954-978-6400 · FX: 954-978-2233  
EMAIL: M.ALEXANDER@FLENVIRO.COM

# BID COVER PAGE

<b>SUBMIT BIDS TO:</b> Wellington Attn: Clerk's Office 12300 Forest Hill Blvd Wellington, FL 33414		<b>REFER ALL INQUIRIES TO PRIMARY CONTACT:</b> Purchasing Division 12300 Forest Hill Blvd Wellington, FL 33414 Phone: 561-791-4154		<b>Wellington</b> <h1>INVITATION TO BID</h1> <b>COMMODITY/SERVICE</b>	
<b>BID TITLE:</b> Annual Lab Analyses				<b>BID NO:</b> 202119	

<b>NAME OF FIRM, ENTITY, or ORGANIZATION:</b> Florida-Spectrum Environmental Services, Inc.					
<b>NAME OF CONTACT PERSON</b> Katherine Coral		<b>VENDOR MAILING ADDRESS:</b> 1460 West McNab Road		<b>CITY:</b> Ft. Lauderdale	<b>ZIP:</b> 33309
<b>TITLE</b> Chief Financial Officer		<b>VENDOR HEADQUARTERS ADDRESS (IF DIFFERENT):</b> 1460 West McNab Road		<b>CITY:</b> Ft. Lauderdale	<b>STATE:</b> FL
<b>PHONE NUMBER:</b> 954-978-6400			<b>FEDERAL EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 20-3973182		
<b>EMAIL ADDRESS:</b> k.coral@flenviro.com; info@flenviro.com			<b>STATE OF FLORIDA BUSINESS LICENSE NUMBER (IF APPLICABLE)</b> FTL: BL-9055798; WPB: Bus Tax ID - 48702		
<b>FAX NUMBER:</b> 954-978-2233					
<b>ORGANIZATIONAL STRUCTURE (Please Check One):</b> Corporation <input checked="" type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other <input type="checkbox"/> <i>If Corporation, please provide the following:</i>					
(A) Date of Incorporation: <u>04/06/1973</u> <small>Month / Day / Year</small>			(B) State or Country of Incorporation: <u>Broward County, Florida</u>		





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

### **3. ACKNOWLEDGEMENT OF ADDENDUMS**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)

**Council**

Anne Gerwig, Mayor  
John T. McGovern, Vice Mayor  
Michael Drahos, Councilman  
Michael J. Napoleone, Councilman  
Tanya Siskind, Councilwoman

**Manager**  
Jim Barnes

**ITB # 202119**

**Title:** Annual Lab Analyses

**Opening Date:** September 22, 2021 11:00 am Local Time

**Addendum Date:** September 14, 2021

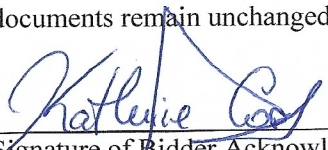
**ADDENDUM NO. ONE**

**PURPOSE:** The purpose of this Addendum/NOTICE is to make changes, additions, deletions, revisions, and clarifications to the (ITB) Invitation to Bid documents for Annual Lab Analyses Project. Bidder shall review the Addendum/NOTICE work and requirements in detail and incorporate any effects the Addendum/NOTICE may have in their proposal price.

1. **Question:** On page 16 of bid document: B) Section B) 4) Lab DI Monthly & Semi-Annual-what are the units for the Low Lever MDL?  
**Response:** The Silica and TOC are mg/L. The Use Test is a statistical value. Attached to Addendum One is the revised Page 16 noting changes in red.
2. **Question:** Under Section Annual Hormones- since all 7 compounds are reported by the same method may bidders submit a price for one of the compounds and list the others as included in that unit price? As the cost will be the same whether reporting one or all 7 compounds? Can the excel spreadsheet reflect quantity of 5 (per method) vs total of 35 is accounting per compound?  
**Response:** Will not be modified as currently written quantities are for bid evaluation purposes only.
3. **Question:** Under Sections "UCMR5 and PFAS (Semi-Annual)-EPA will require a Field Reagent Blank for each PFAS test method 537.1 and 533 which will require analysis if the applicable sample contains PFAS at or above the reporting limit. We suggest including separate line items for the 537.1 and 533 FRBs. Also, please be aware that EPA has not yet finalized UCMR 5 and may add additional parameters.  
**Response:** Attached to Addendum One is the revised Schedule of Values. Bidders shall use the revised Schedules of Values when submitting their bid.
4. **Question:** On questionnaire-Question #7, are we only to list subcontractors if % of work perform, exceeds 10%? Or any subcontractor even if less than 1%?  
**Response:** Please provide any Subcontractors used.
5. **Question:** From Table 5 SOCs, please confirm acceptable methods for Pesticides/PCB does include EPA 505, in addition to 508.1 and 525.3.

**Response:** Any method certified for drinking water is acceptable as long as the detection limit is below not just the MCL but the RDL listed in 62-550 Table 5. Attached to Addendum One is the revised Schedule of Values. Bidders shall use the revised Schedules of Values when submitting their bid.

**ACKNOWLEDGEMENT:** Bidder must acknowledge receipt of any and all Addenda in the space provided on the Bidder Submittal Form. Failure to do so may result in rejection of the Proposal. All requirements of the proposal documents remain unchanged except as cited herein.



Signature of Bidder Acknowledging Receipt of  
**Addendum No. (1) One** to be attached in front of Bid

- Secondary Inorganics (POE Triennial)
  - VOCs (POE Triennial)
  - SOC's (POE Triennial)
  - Radiochemistry (POE)
- 4) The following projects require low level detection limits. If these are not achievable, indicate the lab's current MDL capability.

Section B Project / Test	Low Level MDL, units
Lab DI Monthly / Silica	$\leq 0.10$ mg/L
Lab DI Monthly / T.O.C.	$\leq 0.10$ mg/L
Lab DI Semi-Annual / Use Test (Student's t)	$\leq \pm 2.78$

**C) Section C – Wellington Public Works Department Analysis**

- 1) Samples are collected and analyzed by selected contract laboratory.
- 2) Reporting requirements: a) Email reports and invoices to the Village Engineer. b) ESP results are also uploaded directly to SFWMD via EDD DbHydro.
- 3) Following are sampling requirements for the Everglades Stormwater Program (ESP) by Village of Wellington permit;
  - Collections are rain event driven and can occur at inconvenient times.
  - Requests are made via email or telephone call to the Lab's designated Project Manager
  - Collections are expected to occur within 24 hours of request.
  - Collection events might occur on weekends or holidays in order to comply with our permit obligation.
- 4) The Basin B Bi-weekly project samples are collected every other Wednesday and may be moved either forward or backward one day to accommodate holidays or other scheduling conflicts.
- 5) The following tests require low level detection limits. If these are not achievable, indicate the lab's current MDL capability.

Section C Test	Low Level MDL, mg/L
Total Phosphorus (TP)	$\leq 0.004$
Orthophosphate (OPO4)	$\leq 0.004$
Total Suspended Solids (TSS)	$\leq 3.0$
Chloride (Cl <sup>-</sup> )	$\leq 1.0$
Total Kjeldahl Nitrogen (TKN)	$\leq 0.090$
Ammonia (NH <sub>3</sub> )	$\leq 0.020$
Nitrate + Nitrite (NOx)	$\leq 0.005$

**Section D – Field Services**

- 1) For the Utility sections (A & B), supply regular Field charges as well as fees for weekend or holiday. These are informational and for emergency purposes. Do not add these totals to the final bid.

Email addresses and contact information for key Wellington personnel will be given after contract has been awarded. Any and all questions related to this bid shall be directed to the Purchasing Department.





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**4. SCHEDULE OF VALUE**



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**1460 W. MCNAB ROAD**

**FORT LAUDERDALE, FL 33309**

**PH: 954-978-6400 · FX: 954-978-2233**

**EMAIL: M.ALEXANDER@FLENVIRO.COM**

**\*\*\*PLEASE REFER TO NEXT PAGES FOR FULL SCHEDULE OF VALUES.**

**SCHEDULE OF VALUES**

\*\*\* UCMR3 Hormones Testing Parameter has been quoted as a group.

The following items have been developed to allow the OWNER to evaluate the bids. The OWNER shall use the individual unit costs for each scope of work and does not guarantee that estimated quantities shown will be utilized in full. The OWNER shall utilize all or some of these items for each scope of work as the OWNER deems necessary.

**BIDDER shall use Attachment #1 (Excel File) when submitting their bid.**

BIDDER/CONTRACTOR understands and agrees that this is Unit Price Contract and that contractor will be paid based upon items and quantities actually performed and accepted by Owner. The Schedule of Values is provided for the purpose of Bid Evaluation and when initiated by Wellington, the pricing of change orders. Contractor's price will not be adjusted to reflect any deviation from the Schedule of Values, except to the extent that Wellington changes the scope of Project after the Contract Date.

Quantities listed on the Schedule of Values are estimates only and are not to be construed as guaranteed work quantities. Bids will be evaluated based upon the total contract price. Balance of pricing shall be considered by OWNER in determining lowest, responsive, responsible bidder. CONTRACTORS/BIDDERS shall submit balanced bids.

OWNER reserves the right to award to one or multiple vendors.

**\*\*\*PLEASE REFER TO NEXT PAGES FOR FULL SCHEDULE OF VALUES.**

\*\*\* UCMR3 Hormones Testing Parameter has been quoted as a group.



Section A			
Water Reclamation Facility Analyses (Utilities)			
Project Name & Parameter	Estimated Annual Quantity	Unit Price	Extended Price
<b>Reuse Effluent (Daily)</b>			
Total Suspended Solids (TSS)	208	\$ 15.00	\$ 3,120.00
	<b>Total</b>		<b>\$ 3,120.00</b>
<b>Weekly Composite</b>			
Carbonaceous Biochemical Oxygen Demand (CBOD)	104	\$ 25.00	\$ 2,600.00
Total Suspended Solids (TSS)	104	\$ 15.00	\$ 1,560.00
	<b>Total</b>		<b>\$ 4,160.00</b>
<b>Effluent (Monthly)</b>			
Total Phosphorus (TP)	12	\$ 20.00	\$ 240.00
Total Kjeldahl Nitrogen (TKN)	12	\$ 16.00	\$ 192.00
Nitrate (NO <sub>3</sub> )	12	\$ 11.00	\$ 132.00
Nitrate + Nitrite (NO <sub>x</sub> )	12	\$ 11.00	\$ 132.00
Total Nitrogen (Calc: TKN + NO <sub>x</sub> )	12	\$ 27.00	\$ 324.00
	<b>Total</b>		<b>\$ 1,020.00</b>
<b>Sludge (Monthly)</b>			
Arsenic (As), mg/kg	12	\$ 15.00	\$ 180.00
Cadmium (Cd), mg/kg	12	\$ 15.00	\$ 180.00
Chromium (Cr), mg/kg	12	\$ 15.00	\$ 180.00
Copper (Cu), mg/kg	12	\$ 15.00	\$ 180.00
Lead (Pb), mg/kg	12	\$ 15.00	\$ 180.00
Molybdenum (Mo), mg/kg	12	\$ 15.00	\$ 180.00
Nickel (Ni), mg/kg	12	\$ 15.00	\$ 180.00
Potassium (K), % (w/w)	12	\$ 15.00	\$ 180.00
Selenium (Se), mg/kg	12	\$ 15.00	\$ 180.00
Zinc (Zn), mg/kg	12	\$ 15.00	\$ 180.00
Mercury (Hg), mg/kg	12	\$ 27.00	\$ 324.00
% Moisture	12	\$ 5.00	\$ 60.00
Total Solids (%)	12	\$ 5.00	\$ 60.00
Fecal Coliform, MPN/g	12	\$ 45.00	\$ 540.00
pH	12	\$ 10.00	\$ 120.00
Total Nitrogen, Soil (%)	12	\$ 29.00	\$ 348.00
Total Kjeldahl Nitrogen (TKN, mg/kg)	12	\$ 18.00	\$ 216.00
Nitrate + Nitrite (NO <sub>x</sub> , mg/kg)	12	\$ 17.00	\$ 204.00
Total Phosphorus (TP), % (w/w)	12	\$ 22.00	\$ 264.00
	<b>Total</b>		<b>\$ 3,936.00</b>
<b>Monitoring Wells (Quarterly)</b>			
Total Phosphorus (TP)	12	\$ 20.00	\$ 240.00
Nitrate (NO <sub>3</sub> )	12	\$ 11.00	\$ 132.00
Total Dissolved Solids (TDS)	12	\$ 15.00	\$ 180.00
Chloride (Cl <sup>-</sup> )	12	\$ 11.00	\$ 132.00

Sulfate (SO <sub>4</sub> )	12	\$ 11.00	\$ 132.00
Turbidity	12	\$ 5.00	\$ 60.00
Arsenic (As)	12	\$ 11.00	\$ 132.00
Cadmium (Cd)	12	\$ 11.00	\$ 132.00
Chromium (Cr)	12	\$ 11.00	\$ 132.00
Lead (Pb)	12	\$ 11.00	\$ 132.00
	<b>Total</b>		<b>\$ 1,404.00</b>
<b>WW-049231-UIC (Monthly)</b>			
Total Phosphorus (TP)	36	\$ 20.00	\$ 720.00
Ammonia (NH <sub>3</sub> )	36	\$ 15.00	\$ 540.00
Total Kjeldahl Nitrogen (TKN)	36	\$ 16.00	\$ 576.00
Total Dissolved Solids (TDS)	36	\$ 15.00	\$ 540.00
Chloride (Cl <sup>-</sup> )	36	\$ 11.00	\$ 396.00
Sulfate (SO <sub>4</sub> )	36	\$ 11.00	\$ 396.00
Nitrate (NO <sub>3</sub> )	12	\$ 11.00	\$ 132.00
	<b>Total</b>		<b>\$ 3,300.00</b>
<b>WW-049231-UIC (Quarterly)</b>			
Bicarbonate Alkalinity	24	\$ 9.00	\$ 216.00
Calcium (Ca)	24	\$ 11.00	\$ 264.00
Iron (Fe)	24	\$ 11.00	\$ 264.00
Magnesium (Mg)	24	\$ 11.00	\$ 264.00
Potassium (K)	24	\$ 11.00	\$ 264.00
Sodium (Na)	24	\$ 11.00	\$ 264.00
	<b>Total</b>		<b>\$ 1,536.00</b>
<b>WW-049231-UIC (Annual) – FAC 62-550 Table 1 Primary Inorganics (Composite)</b>			
Antimony (Sb)	5	\$ 11.00	\$ 55.00
Arsenic (As)	5	\$ 11.00	\$ 55.00
Barium (Ba)	5	\$ 11.00	\$ 55.00
Beryllium (Be)	5	\$ 11.00	\$ 55.00
Cadmium (Cd)	5	\$ 11.00	\$ 55.00
Chromium (Cr)	5	\$ 11.00	\$ 55.00
Lead (Pb)	5	\$ 11.00	\$ 55.00
Mercury (Hg)	5	\$ 24.00	\$ 120.00
Nickel (Ni)	5	\$ 11.00	\$ 55.00
Selenium (Se)	5	\$ 11.00	\$ 55.00
Sodium (Na)	5	\$ 11.00	\$ 55.00
Thallium (Tl)	5	\$ 11.00	\$ 55.00
Nitrate (NO <sub>3</sub> )	5	\$ 11.00	\$ 55.00
Nitrite (NO <sub>2</sub> )	5	\$ 11.00	\$ 55.00
Nitrate + Nitrite (NO <sub>x</sub> )	5	\$ 11.00	\$ 55.00
Cyanide (CN)	5	\$ 28.00	\$ 140.00
Fluoride (F <sup>-</sup> )	5	\$ 11.00	\$ 55.00
Asbestos	5	\$ 200.00	\$ 1,000.00
	<b>Total</b>		<b>\$ 2,085.00</b>

<b>WW-049231-UIC (Annual) – FAC 62-550 Table 6 Secondary Inorganics (Composite)</b>			
Aluminum (Al)	5	\$ 11.00	\$ 55.00
Copper (Cu)	5	\$ 11.00	\$ 55.00
Iron (Fe)	5	\$ 11.00	\$ 55.00
Manganese (Mn)	5	\$ 11.00	\$ 55.00
Silver (Ag)	5	\$ 11.00	\$ 55.00
Zinc (Zn)	5	\$ 11.00	\$ 55.00
Chloride (Cl <sup>-</sup> )	5	\$ 11.00	\$ 55.00
Sulfate (SO <sub>4</sub> )	5	\$ 11.00	\$ 55.00
Color	5	\$ 11.00	\$ 55.00
Odor	5	\$ 10.00	\$ 50.00
Total Dissolved Solids (TDS)	5	\$ 15.00	\$ 75.00
MBAS (Foaming Agents)	5	\$ 27.00	\$ 135.00
	<b>Total</b>		<b>\$ 755.00</b>
<b>WW-049231-UIC (Annual) – FAC 62-550 Table 2 Disinfection Residual (Grab)</b>			
Chloramines (Mono & Di)	5	\$ 5.00	\$ 25.00
Chlorine Dioxide, as ClO <sub>2</sub>	5	\$ 5.00	\$ 25.00
	<b>Total</b>		<b>\$ 50.00</b>
<b>WW-049231-UIC (Annual) – FAC 62-550 Table 3 Disinfection Byproducts</b>			
524.2 Total Trihalomethane (TTHM)	5	\$ 44.00	\$ 220.00
552 Haloacetic Acid (HAA5)	5	\$ 110.00	\$ 550.00
Bromate	5	\$ 35.00	\$ 175.00
Chlorite	5	\$ 35.00	\$ 175.00
	<b>Total</b>		<b>\$ 1,120.00</b>
<b>WW-049231-UIC (Annual) – FAC 62-550 Table 4 – VOCs (Grab)</b>			
Method 524.2 List	5	\$ 88.00	\$ 440.00
	<b>Total</b>		<b>\$ 440.00</b>
<b>WW-049231-UIC (Annual) – FAC 62-550 Table 5 - SOCs</b>			
504 EDB & DBCP Pesticides	5	\$ 35.00	\$ 175.00
508.1 or 525.3 Organochlorine Pesticides / PCB	5	\$ 74.00	\$ 370.00
515.3 Chlorinated Herbicides	5	\$ 96.00	\$ 480.00
525.2 Base Neutral Ext.	5	\$ 156.00	\$ 780.00
531.1 or 531.2 Carbamates	5	\$ 88.00	\$ 440.00
547 Glyphosate (Round Up)	5	\$ 70.00	\$ 350.00
548 Endothall	5	\$ 92.00	\$ 460.00
549 Diquat / Paraquat	5	\$ 132.00	\$ 660.00
1613 TCDD (Dioxin)	5	\$ 500.00	\$ 2,500.00
	<b>Total</b>		<b>\$ 6,215.00</b>
<b>WW-049231-UIC (Annual) – FAC 62-550 Radionuclides (Composite)</b>			
Gross Alpha	5	\$ 44.00	\$ 220.00
Radium 226/228 (Ra 226/228)	5	\$ 180.00	\$ 900.00
Uranium (U)	5	\$ 28.00	\$ 140.00
Strontium-90 (Sr-90)	5	\$ 200.00	\$ 1,000.00

	<b>Total</b>		<b>\$ 2,260.00</b>
<b>WW-049231-UIC (Annual) Additional Analytes (Composite)</b>			
Total Kjeldahl Nitrogen (TKN)	5	\$ 16.00	\$ 80.00
Ammonia (NH <sub>3</sub> )	5	\$ 15.00	\$ 75.00
Organic Nitrogen (Calc. TKN + NO <sub>x</sub> )	5	\$ 27.00	\$ 135.00
Total Phosphorus (TP)	5	\$ 20.00	\$ 100.00
Chemical Oxygen Demand (COD)	5	\$ 13.00	\$ 65.00
Biochemical Oxygen Demand (BOD)	5	\$ 25.00	\$ 125.00
Conductivity	5	\$ 5.00	\$ 25.00
8270	5	\$ 156.00	\$ 780.00
Fecal Coliform, SM9222D	5	\$ 20.00	\$ 100.00
	<b>Total</b>		<b>\$ 1,485.00</b>
<b>Effluent (Biennial)</b>			
Giardia	5	\$ 350.00	\$ 1,750.00
Cryptosporidium	5	\$ 350.00	\$ 1,750.00
	<b>Total</b>		<b>\$ 3,500.00</b>
<b>Effluent (Annual Conditional)</b>			
FAC 62-550 DW Tables 1-6 (No Asbestos or Dioxin)	5	\$ 1,585.00	\$ 7,925.00
Gross Alpha	5	\$ 44.00	\$ 220.00
Radium 226 / 228	5	\$ 180.00	\$ 900.00
	<b>Total</b>		<b>\$ 9,045.00</b>
<b>Sludge (Annual Conditional)</b>			
Full TCLP (Metals; As, Ba, Cd, Cr, Pb, Hg, Se, Ag)	5	\$ 173.00	\$ 865.00
8260	5	\$ 134.00	\$ 670.00
8270	5	\$ 211.00	\$ 1,055.00
8081 Pesticides	5	\$ 121.00	\$ 605.00
8082 PCBs	5	\$ 86.00	\$ 430.00
8150 Herbicides	5	\$ 174.00	\$ 870.00
	<b>Total</b>		<b>\$ 4,495.00</b>
<b>SECTION A - TOTAL PRICE</b>		<b>\$</b>	<b>49,926.00</b>

<b>Section B</b>			
<b>Water Treatment Facility Analyses (Utilities)</b>			
<b>Project Name &amp; Parameter</b>	<b>Estimated Annual Quantity</b>	<b>Unit Price</b>	<b>Extended Price</b>
<b>Fluoride (Semi-monthly)</b>			
Fluoride (F <sup>-</sup> )	48	\$ 11.00	\$ 528.00
	<b>Total</b>		<b>\$ 528.00</b>
<b>Membrane Warranty (Monthly)</b>			
Barium (Ba)	12	\$ 11.00	\$ 132.00
Calcium (Ca)	12	\$ 11.00	\$ 132.00
Iron (Fe)	12	\$ 11.00	\$ 132.00
Potassium (K)	12	\$ 11.00	\$ 132.00
Silica (SiO <sub>2</sub> )	12	\$ 13.00	\$ 156.00
Sodium (Na)	12	\$ 11.00	\$ 132.00

Strontium (Sr)	12	\$ 11.00	\$ 132.00
Bicarbonate Alkalinity	12	\$ 9.00	\$ 108.00
Total Dissolved Solids (TDS)	12	\$ 15.00	\$ 180.00
Chloride (Cl <sup>-</sup> )	12	\$ 11.00	\$ 132.00
Sulfate (SO <sub>4</sub> )	12	\$ 11.00	\$ 132.00
	<b>Total</b>		<b>\$ 1,500.00</b>
<b>Stage 2 Disinfection Byproducts (Quarterly)</b> <b>(FAC62-550 Table 3)</b>			
Total Trihalomethanes, (TTHMs)	16	\$ 44.00	\$ 704.00
Haloacetic Acids (HAA5)	16	\$ 110.00	\$ 1,760.00
	<b>Total</b>		<b>\$ 2,464.00</b>
<b>Informational T.O.C. (Quarterly)</b>			
Total Organic Carbon (TOC)	12	\$ 17.00	\$ 204.00
	<b>Total</b>		<b>\$ 204.00</b>
<b>ECR II Wells (Semi-Annual)</b>			
Calcium (Ca)	36	\$ 11.00	\$ 396.00
Color	36	\$ 11.00	\$ 396.00
Conductivity	36	\$ 5.00	\$ 180.00
Chloride (Cl <sup>-</sup> )	36	\$ 11.00	\$ 396.00
Iron (Fe)	36	\$ 11.00	\$ 396.00
Total Dissolved Solids (TDS)	36	\$ 15.00	\$ 540.00
Nitrate (NO <sub>3</sub> )	36	\$ 11.00	\$ 396.00
Total Hardness	36	\$ 11.00	\$ 396.00
	<b>Total</b>		<b>\$ 3,096.00</b>
<b>Wells Informational (Semi-Annual)</b>			
Fluoride (F <sup>-</sup> )	36	\$ 11.00	\$ 396.00
Arsenic (As)	36	\$ 11.00	\$ 396.00
	<b>Total</b>		<b>\$ 792.00</b>
<b>WP-2009-008 (Semi-Annual)</b>			
8270	5	\$ 156.00	\$ 780.00
8260	5	\$ 88.00	\$ 440.00
8015 Ethylene Glycol	5	\$ 150.00	\$ 750.00
TRPH by FL PRO	5	\$ 55.00	\$ 275.00
	<b>Total</b>		<b>\$ 2,245.00</b>
<b>WP-1989-013 (Semi-Annual)</b>			
8270	5	\$ 156.00	\$ 780.00
8015 Ethylene Glycol	5	\$ 150.00	\$ 750.00
TRPH by FL PRO	5	\$ 55.00	\$ 275.00
	<b>Total</b>		<b>\$ 1,805.00</b>
<b>PFAS (Semi-Annual)</b>			
EPA 533 or 537	40	\$ 350.00	\$ 14,000.00
	<b>Total</b>		<b>\$ 14,000.00</b>
<b>Annual POE (FAC 62-550)</b>			
Nitrate (NO <sub>3</sub> )	5	\$ 11.00	\$ 55.00
Nitrite (NO <sub>2</sub> )	5	\$ 11.00	\$ 55.00
Nitrate + Nitrite, NO <sub>x</sub> (Calc.)	5	\$ 11.00	\$ 55.00

	<b>Total</b>		<b>\$ 165.00</b>
<b>Lead and Copper Rule (40 CFR Part 141, Subpart I)</b>			
Lead (Pb)	120	\$ 11.00	\$ 1,320.00
Copper (Cu)	120	\$ 11.00	\$ 1,320.00
	<b>Total</b>		<b>\$ 2,640.00</b>
<b>Primary Inorganics (Triennial POE) FAC 62-550, Table 1</b>			
Antimony (Sb)	5	\$ 11.00	\$ 55.00
Arsenic (As)	5	\$ 11.00	\$ 55.00
Barium (Ba)	5	\$ 11.00	\$ 55.00
Beryllium (Be)	5	\$ 11.00	\$ 55.00
Cadmium (Cd)	5	\$ 11.00	\$ 55.00
Chromium (Cr)	5	\$ 11.00	\$ 55.00
Lead (Pb)	5	\$ 11.00	\$ 55.00
Mercury (Hg)	5	\$ 24.00	\$ 120.00
Nickel (Ni)	5	\$ 11.00	\$ 55.00
Selenium (Se)	5	\$ 11.00	\$ 55.00
Sodium (Na)	5	\$ 11.00	\$ 55.00
Thallium (Tl)	5	\$ 11.00	\$ 55.00
Nitrate (NO <sub>3</sub> )	5	\$ 11.00	\$ 55.00
Nitrite (NO <sub>2</sub> )	5	\$ 11.00	\$ 55.00
Nitrate + Nitrite (NO <sub>x</sub> )	5	\$ 11.00	\$ 55.00
Cyanide (CN)	5	\$ 28.00	\$ 140.00
Fluoride (see also Table 6)	5	\$ 11.00	\$ 55.00
Asbestos	5	\$ 200.00	\$ 1,000.00
	<b>Total</b>		<b>\$ 2,085.00</b>
<b>Secondary Inorganics (Triennial POE) FAC 62-550, Table 6</b>			
Aluminum (Al)	5	\$ 11.00	\$ 55.00
Copper (Cu)	5	\$ 11.00	\$ 55.00
Iron (Fe)	5	\$ 11.00	\$ 55.00
Manganese (Mn)	5	\$ 11.00	\$ 55.00
Silver (Ag)	5	\$ 11.00	\$ 55.00
Zinc (Zn)	5	\$ 11.00	\$ 55.00
Chloride (Cl <sup>-</sup> )	5	\$ 11.00	\$ 55.00
Fluoride (see also Table 1)	5	\$ 11.00	\$ 55.00
Sulfate (SO <sub>4</sub> )	5	\$ 11.00	\$ 55.00
Color	5	\$ 11.00	\$ 55.00
Odor	5	\$ 10.00	\$ 50.00
pH	5	\$ 5.00	\$ 25.00
Total Dissolved Solids (TDS)	5	\$ 15.00	\$ 75.00
MBAS (Foaming agents)	5	\$ 27.00	\$ 135.00
	<b>Total</b>		<b>\$ 835.00</b>
<b>VOCs (FAC 62-550 Table 4)</b>			
<b>Triennial POE</b>			
Method 524.2, See FAC Analyte List	5	\$ 88.00	\$ 440.00
	<b>Total</b>		<b>\$ 440.00</b>
<b>SOCs (FAC 62-550 Table 5)</b>			



<b>Triennial POE, See FAC Analytes</b>			
504.1 (Pesticides – EDBs, DBCP)	5	\$ 35.00	\$ 175.00
508.1 or 525.3 (Pesticides)	6	\$ 74.00	\$ 444.00
515.3 (Chlorinated Herbicides)	5	\$ 96.00	\$ 480.00
525.2 (Base Neutral Ext., PAH)	5	\$ 156.00	\$ 780.00
531.1 or 531.2 (HPLC Carbamates)	5	\$ 88.00	\$ 440.00
547 (Glyphosate, Round Up)	5	\$ 70.00	\$ 350.00
548.1 (Endothall)	5	\$ 92.00	\$ 460.00
549.2 (HPLC Paraquat / Diquat)	5	\$ 132.00	\$ 660.00
1613 – TCDD (Dioxin)	5	\$ 500.00	\$ 2,500.00
	<b>Total</b>		<b>\$ 6,289.00</b>
<b>Radiochemistry (FAC 62-550)</b>			
<b>Triennial POE</b>			
Gross Alpha	5	\$ 44.00	\$ 220.00
Radium 226, 228 (and Combined)	5	\$ 180.00	\$ 900.00
Uranium (U)	5	\$ 28.00	\$ 140.00
	<b>Total</b>		<b>\$ 1,260.00</b>
<b>WT-202658-UIC (Monthly)</b>			
Total Kjeldahl Nitrogen (TKN)	36	\$ 16.00	\$ 576.00
Sulfate (SO <sub>4</sub> )	36	\$ 11.00	\$ 396.00
Chloride (Cl)	36	\$ 11.00	\$ 396.00
Total Dissolved Solids (TDS)	36	\$ 15.00	\$ 540.00
Total Organic Carbon (TOC)	36	\$ 17.00	\$ 612.00
Total Organic Halogen (TOX)	36	\$ 160.00	\$ 5,760.00
Ammonia (NH <sub>3</sub> )	36	\$ 15.00	\$ 540.00
Nitrate + Nitrate (NO <sub>x</sub> )	36	\$ 11.00	\$ 396.00
	<b>Total</b>		<b>\$ 9,216.00</b>
<b>WT-202658-UIC (Quarterly)</b>			
Bicarbonate Alkalinity	12	\$ 9.00	\$ 108.00
Calcium (Ca)	12	\$ 11.00	\$ 132.00
Total Iron (Fe)	12	\$ 11.00	\$ 132.00
Magnesium (Mg)	12	\$ 11.00	\$ 132.00
Potassium (K)	12	\$ 11.00	\$ 132.00
Sodium (Na)	12	\$ 11.00	\$ 132.00
Gross Alpha	8	\$ 44.00	\$ 352.00
Radium 226, 228 (and combined)	8	\$ 180.00	\$ 1,440.00
Uranium (U)	8	\$ 28.00	\$ 224.00
	<b>Total</b>		<b>\$ 2,784.00</b>
<b>WT-202658-UIC (Annual) 62-550 Tables)</b>			
Table 1 - Primary Inorganic analytes above	5	\$ 417.00	\$ 2,085.00
Table 2 - Stage 1 Chlorine (Total and Free)	5	\$ 5.00	\$ 25.00
Table 2 - Stage 1 Chloramines (Total, Mono, Di)	5	\$ 5.00	\$ 25.00
Table 2 - Stage 1 Chlorine Dioxide (ClO <sub>2</sub> )	5	\$ 5.00	\$ 25.00
Table 3 - Stage 2 DBP: TTHM 524.2	5	\$ 44.00	\$ 220.00
Table 3 - Stage 2 DBP: HAA5 552.2	5	\$ 110.00	\$ 550.00
Table 3 - Stage 2 DBP: Bromate EPA 300.1	5	\$ 35.00	\$ 175.00
Table 3 - Stage 2 DBP: Chlorite EPA 300.1	5	\$ 35.00	\$ 175.00

Table 4 - VOC analytes above	5	\$ 88.00	\$ 440.00
Table 5 - SOC analytes above	5	\$ 1,243.00	\$ 6,215.00
Table 6 - Secondary Inorganic analytes above	5	\$ 167.00	\$ 835.00
Gross Alpha (including Ra226 but excluding radon and U)	5	\$ 44.00	\$ 220.00
Combined Radium 226/228	5	\$ 180.00	\$ 900.00
Uranium (U)	5	\$ 28.00	\$ 140.00
	<b>Total</b>		<b>\$ 12,030.00</b>
<b>Lab DI Water QC Testing</b>			
Silica (SiO <sub>2</sub> ), Monthly	12	\$ 13.00	\$ 156.00
Total Organic Carbon (TOC), Monthly	12	\$ 17.00	\$ 204.00
Use Test, Quarterly	5	\$ 136.00	\$ 680.00
Cadmium (Cd), Annual	5	\$ 11.00	\$ 55.00
Chromium (Cr), Annual	5	\$ 11.00	\$ 55.00
Copper (Cu), Annual	5	\$ 11.00	\$ 55.00
Nickel (Ni), Annual	5	\$ 11.00	\$ 55.00
Lead (Pb), Annual	5	\$ 11.00	\$ 55.00
Zinc (Zn), Annual	5	\$ 11.00	\$ 55.00
	<b>Total</b>		<b>\$ 1,370.00</b>
<b>Misc. Testing</b>			
Turbidity	5	\$ 5.00	\$ 25.00
Total Alkalinity	5	\$ 9.00	\$ 45.00
EPA 505 (Organohalides)	5	\$ 150.00	\$ 750.00
Strontium-90	5	\$ 200.00	\$ 1,000.00
Tritium ( <sup>3</sup> H)	5	\$ 105.00	\$ 525.00
Gross Beta	5	\$ 44.00	\$ 220.00
Total Nitrogen (TN)	5	\$ 27.00	\$ 135.00
Ammonia (NH <sub>3</sub> )	5	\$ 15.00	\$ 75.00
Free Ammonia	5	\$ 15.00	\$ 75.00
Sulfide (S <sup>2-</sup> )	5	\$ 18.00	\$ 90.00
Hydrogen Sulfide (H <sub>2</sub> S)	5	\$ 18.00	\$ 90.00
Bromide (Br <sup>-</sup> )	5	\$ 11.00	\$ 55.00
Chlorate (perchlorate)	5	\$ 40.00	\$ 200.00
Molybdenum (Mo)	5	\$ 11.00	\$ 55.00
Hexavalent Chromium (Cr-6)	5	\$ 26.00	\$ 130.00
Ortho Phosphate (OPO <sub>4</sub> )	5	\$ 11.00	\$ 55.00
Total Phosphorus (P)	5	\$ 20.00	\$ 100.00
Dissolved Organic Carbon (DOC)	5	\$ 27.00	\$ 135.00
Total Coliform / E. Coli (drinking water), P/A methods or MF	5	\$ 20.00	\$ 100.00
	<b>Total</b>		<b>\$ 3,860.00</b>
<b>Specialty Testing – Annual Hormones</b> <b>(EPA Method 539, UCMR3) *QUOTED AS A GROUP*</b>		QUOTED AS GRP.	
17-β-estradiol (50-28-2)	5	\$ 400.00	\$ 2,000.00
17-α-ethynylestradiol (57-63-6)	5	Quoted as a group.	\$ -

estriol (50-27-1)	5	Quoted as a group.	\$ -
equilin (474-86-2)	5	Quoted as a group.	\$ -
estrone (53-16-7)	5	Quoted as a group.	\$ -
testosterone (58-22-0)	5	Quoted as a group.	\$ -
4-androstene-3,17-dione (63-05-8)	5	Quoted as a group.	\$ -
	<b>Total</b>		<b>\$ 2,000.00</b>
<b>UCMR 5 (2023) Actual Analytical List Pending</b>			
Lithium (Method 200.7)	5	\$ 60.00	\$ 300.00
29 PFAS (Method 533 and 537.1)	5	\$ 560.00	\$ 2,800.00
Field Reagent Blank (Method 533)	5	\$ 325.00	\$ 1,625.00
Field Reagent Blank (Method 537.1)	5	\$ 235.00	\$ 1,175.00
	<b>Total</b>		<b>\$ 5,900.00</b>
<b>SECTION B - TOTAL PRICE</b>			<b>\$ 77,508.00</b>

<b>Section C</b>			
<b>Wellington Public Works Department Analyses</b>			
<b>Project Name &amp; Parameter</b>	<b>Estimated Annual Quantity</b>	<b>Unit Price</b>	<b>Extended Price</b>
<b>Basin B (Bi-weekly)</b>			
Total Phosphorus (TP), Low Level	754	\$ 20.00	\$ 15,080.00
Field Service Hours Estimate	208	\$ 75.00	\$ 15,600.00
	<b>Total</b>		<b>\$ 30,680.00</b>
<b>ESP (Everglades Stormwater Program) (Bi-weekly Rain Dependent)</b>			
Total Suspended Solids (TSS)	96	\$ 15.00	\$ 1,440.00
Chloride (Cl <sup>-</sup> )	96	\$ 11.00	\$ 1,056.00
Total Phosphorus (TP) LL	96	\$ 20.00	\$ 1,920.00
Orthophosphate (OPO <sub>4</sub> )	96	\$ 11.00	\$ 1,056.00
Total Kjeldahl Nitrogen (TKN)	96	\$ 16.00	\$ 1,536.00
Ammonia (NH <sub>3</sub> )	96	\$ 15.00	\$ 1,440.00
Nitrate + Nitrite (NOx)	96	\$ 11.00	\$ 1,056.00
Field Service Hours Estimate	80	\$ 75.00	\$ 6,000.00
Field Service After Hours Estimate; Weekends or Holidays	30	\$ 130.00	\$ 3,900.00
	<b>Total</b>		<b>\$ 19,404.00</b>
<b>Sediments (Sump &amp; Canal Desilting)</b>			
Total Phosphorus (dry weight)	10	\$ 22.00	\$ 220.00
Percent Moisture	10	\$ 5.00	\$ 50.00
Total % Solids	10	\$ 5.00	\$ 50.00
	<b>Total</b>		<b>\$ 320.00</b>
<b>SECTION C - TOTAL PRICE</b>		<b>\$</b>	<b>50,404.00</b>

<b>Section D</b>			
<b>Field Service Charges (Utilities Emergency)</b>			
<b>Project Name &amp; Parameter</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Extended Price</b>
Field Services (Hourly Rate)	1	75	\$ 75.00
Field Services (Hourly Rate) Weekend / Holiday	1	130	\$ 130.00



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**5. QUESTIONNAIRE**



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**1460 W. MCNAB ROAD**

**FORT LAUDERDALE, FL 33309**

**PH: 954-978-6400 · FX: 954-978-2233**

**EMAIL: M.ALEXANDER@FLENVIRO.COM**

## QUESTIONNAIRE

The following Questionnaire shall be completed and submitted in with the Bid. By submission of this Bid, Bidder guarantees the truth and accuracy of all statements and answers herein contained.

1. How many years has your organization been in business? 48 years

2. What is the last project of this nature that you have completed?

City of Titusville- Priority Pollutants Analysis

3. Have you ever failed to complete work awarded to you? If so, where and why? No

4. Name three individuals or corporations for which you have performed work and to which you refer:

<u>North Springs Improvement District</u>	<u>9700 NW 52nd Street Coral Springs, FL 33076</u>	<u>(954) 796-6628</u>	<u>rodc@fladistricts.com</u>
Name	Address	Phone	Email
<u>City of Deerfield Beach</u>	<u>290 Goolsby Blvd Deerfield Beach, FL 33442</u>	<u>(954) 480-4370</u>	<u>AMocanu@deerfield-beach.com</u>
Name	Address	Phone	Email
<u>Town of Davie Utilities</u>	<u>7351 SW 30 Street, Davie, FL 33314</u>	<u>(954) 327-3756</u>	<u>mreczko@davie-fl.gov</u>
Name	Address	Phone	Email

5. List the following information concerning all contracts in progress as of the date of submission of this bid. (In case of co-venture, list the information for all co-venturers.)

Name of Project	Owner	Total Contract Value	Contracted Date of Completion	% of Completion to Date
Laboratory Services for Water and Wastewater Plants	Town of Davie Utilities	77K	Ongoing	Ongoing
Analytical Laboratory Services	Palm Beach County SWA	60K	Ongoing	Ongoing
Analytical Laboratory Services	South Martin Regional Utilities	51K	Ongoing	Ongoing

6. Has the bidder or his or her representative inspected the proposed project and does the Bidder have a complete plan for its performance? No, although, Florida-Spectrum has a plan in place for its performance.

7. Will you subcontract any part of this work? If so, give details including a list of each subcontractor(s) that will perform work in excess of the percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Subcontractor	Work to be Performed
VARIOUS, PLEASE REFER TO TECHNICAL PROPOSAL	- SUBCONTRACTORS SECTION

8. What equipment do you own that is available for the work? Various - Please refer to enclosed Technical Proposal - Equipment List Section

Equipment Type	Equipment Type
VARIOUS, PLEASE REFER TO TECHNICAL PROPOSAL	- EQUIPMENT LIST SECTION

9. What equipment will you purchase for the proposed work? None.

10. What equipment will you rent for the proposed work? None.
11. State the name of your proposed project manager and give details of his or her qualifications and experience in managing similar jobs. Ms. Maria Castellanos will handle these responsibilities for The Village of Wellington. In case of the Primary Client Service Manager (Maria Castellanos) absence, the alternative contact shall be Mr. Angel Barreto, Client Service Manager. (Please refer to enclosed Technical Proposal - Key Personnel Section).
12. The address of principal place of business is 1460 West McNab Road, Fort Lauderdale, FL 33309
13. The names of the Corporate Officers, or Partners, or Individuals doing business under a trade name, are as follows: Lyle Johnson, President, Katherine Coral, CFO, Terry Johnson, Vice President, Ruth McKinley, Secretary
14. List all organizations which were predecessors to Bidder or in which the principals or officers of the Bidder were principals or officers. None
15. List and describe all bankruptcy petitions (Voluntary or Involuntary) which have been filed by or against the Bidder, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition. None
16. List and describe all successful Performance or Payment Bond claims made to your surety(ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Bidder and its predecessor organization(s). None
17. List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Bidder or its predecessor organization(s) during the last five (5) years. The list shall include all case names; case, arbitration, or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute. None
18. List and describe all criminal proceedings or hearings concerning business related offenses in which the Bidder, its principals or officers or predecessor organization (s) were defendants. None
19. Has the Bidder, its principals, officers, or predecessor organization(s) been debarred or suspended from bidding by any government during the last five (5) years? If yes, provide details. No.
20. List and disclose any and all business relations with any members of Wellington Council. None.
21. What is the standard laboratory turn-around time for results? Discuss Rush Fees. Florida-Spectrum's standard turnaround time (TAT is 5-7 business days. A 24-HR RUSH has a 100% surcharge fee, a 48-HR RUSH has a 75% surcharge fee, and a 72-HR RUSH has a 50% surcharge fee.





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**6. DRUG FREE WORKPLACE**



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**1460 W. MCNAB ROAD**

**FORT LAUDERDALE, FL 33309**

**PH: 954-978-6400 · FX: 954-978-2233**

**EMAIL: M.ALEXANDER@FLENVIRO.COM**

## DRUG FREE WORKPLACE

Preference shall be given to businesses with drug-free workplace programs. In order to have a drug-free workplace program, a business must attest to the following:

1. We 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. We inform employees about the dangers of drug abuse in the workplace, the business's 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. We 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. We, 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 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. We 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. We 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.

  
Contractor's Signature



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**7. SWORN STATEMENT UNDER SECTION 287.133(3)(a)**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)



**SWORN STATEMENT UNDER SECTION 287.133(3)(a),  
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Village of Wellington  
[print name of the public entity]
- by Florida-Spectrum Environmental Services, Inc. for Katherine Coral, CFO  
[print name of entity submitting sworn statement] [print individual's name and title]
- whose business address is 1460 West McNab Road, Fort Lauderdale, FL 33309 and (if applicable) its Federal Employer Identification Number (FEIN) is 20-3973182 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: N/A.)
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
- a. A predecessor or successor of a person convicted of a public entity crime; or
  - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
4. I understand that a "person" as defined in Paragraph 287.133(1)(c), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. [Please indicate which statement applies.]
- ☒ Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. [attach a copy of the final order]

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

STATE OF Florida

COUNTY OF Broward

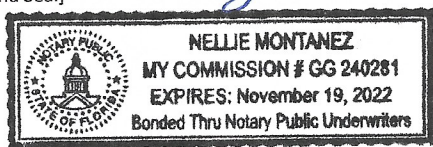
Katherine Coral  
[signature]  
09/17/21  
[date]

Subscribed and Sworn to (or affirmed) before me on 9/17/21 by Katherine Coral  
[date] [name]

He/she is personally known to me or has presented Driver's License as identification.  
[type of identification]

Nellie Montanez  
[Notary's Signature and Seal]

Nellie Montanez  
Print Notary Name and Commission No.





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**8. CERTIFICATION PURSUANT TO FLORIDA STATUTE  
§ 215.4725**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)

## CERTIFICATION PURSUANT TO FLORIDA STATUTE § 215.4725

I, Katherine Coral, on behalf of Florida-Spectrum Environmental Services, Inc.,  
certifies

Print Name                      Company Name

that Florida-Spectrum Environmental Services, Inc. does not:

Company Name

1. Participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Cuba or Syria.

  
Signature

Katherine Coral, CFO  
Title

09/17/21  
Date





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**9. WELLINGTON LOCAL PREFERENCE FORM**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)



**APPLICATION TO BE CONSIDERED A LOCAL BUSINESS IN ACCORDANCE WITH  
VILLAGE OF WELLINGTON FLORIDA'S LOCAL PREFERENCE POLICY**

Wellington gives preference to local businesses in certain purchasing situations as set forth in Chapter 9 of Wellington's Purchasing and Procurement Manual. In order to be considered a local business, entitled to be given preference, the business must make application with Wellington and meet one of the following criteria as such is more fully set forth in Chapter 9, of Wellington's Purchasing and Procurement Manual:

**Chapter 9, LOCAL PREFERENCE**

**Western Communities Local Business** - For the purpose of determining a "Western Communities local business" a vendor must have a principal permanent business location and headquarters within Wellington of Wellington, Florida or west of the Florida Turnpike to the Palm Beach County western boundary line as depicted in Exhibit "A" hereto. This applies to all entity formations, including, but not limited to, limited liability companies, partnerships, limited partnerships and the like or sole proprietors. Further, the entity or sole proprietor must provide that it, he or she has been domiciled and headquartered in the jurisdictional boundaries of the Western Communities for at least six months prior to the solicitation. Post Office boxes will not be considered a permanent business location within the Western Communities. Home business offices shall be considered as a business location if it otherwise meets the requirements herein. In order to be eligible for such local preference the vendor shall have a local business tax receipt pursuant to the County's and/or municipalities' Code of Ordinances, having jurisdiction over the location of the business, unless otherwise exempt therefrom. Further, the vendor must be properly licensed and authorized by law to provide the goods, services or professional services to the extent applicable and the location of the business must be properly zoned in order for the vendor to conduct its business.

**Palm Beach County local business** - For the purpose of determining a "Palm Beach County local business" a vendor must have a principal permanent business location and headquarters within Palm Beach County, Florida. This applies to all entity formations, including, but not limited to, limited liability companies, partnerships, limited partnerships and the like or sole proprietors. Further, the entity or sole proprietor must provide that it, he or she has been headquartered and domiciled in the jurisdictional boundaries of Palm Beach County, Florida for at least six months prior to the solicitation. Post Office boxes will not be considered a permanent business location within Palm Beach County, Florida. Home business offices shall be considered as a business location if it otherwise meets the requirements herein. In order to be eligible for such local preference the vendor shall have a local business tax receipt pursuant to the Palm Beach County Code of Ordinances as amended from time to time, unless otherwise exempt there from. Further, the vendor must be properly licensed and authorized by law to provide the goods, services or professional services to the extent applicable and the location of the business must be properly zoned in order for the vendor to conduct its business.

**Subcontractor utilization** - In competitive bid situations, a business may also qualify as either a Palm Beach County or Western Community local business if they are utilizing subcontractors to perform the work or materialmen to supply the job and more than fifty (50%) percent of their proposed bid price will be paid to subcontractors and/or materialmen who qualify, under the above standards, as Palm Beach County and/or Western Community local businesses.

Please check the box below indicating which preference category your business is applying for:

☐ Western Communities Local Business

☐ Palm Beach County Local Business

☐ Subcontractor Utilization     **\*\*\*FLORIDA-SPECTRUM IS NOT APPLYING TO BE CONSIDERED A LOCAL BUSINESS.\*\*\***

1. The name of the business is: \_\_\_\_\_

2. The address of the business is: \_\_\_\_\_

3. How long has the business been located at its current address: \_\_\_\_\_

4. If the business has relocated within the last six months, please provide the answers to questions 1-3 for the previous location:

5. The previous name of the business is: \_\_\_\_\_

6. The previous address of the business is: \_\_\_\_\_

7. How long was this business at the previous location: \_\_\_\_\_

8. If the business is attempting to qualify under the subcontractor utilization provision, please provide a breakdown of the subcontractors who would qualify for either the Palm Beach County or Western Community, business classification, the requisite information, provide their responses to the above 1 - 7 questions and for each of the subcontractors, indicate the amount that they are proposed to be compensated at under the bid price.

9. The business as a local business tax receipt from: (1) Palm Beach County ☐ (2) the following municipality: \_\_\_\_\_ (3) located in unincorporated Palm Beach County: ☐

10. Please provide a copy of Local Business Tax Receipts from Palm Beach County and the applicable municipality are attached.

11. Please provide a Certificate of Good Standing indicating the formation or domestication of the entity in and for the State of Florida is attached.

12. Please provide copies of licenses if applicable from the State of Florida authorizing the business to provide the good services or professional services contemplated in the bid documents.

By signing below, I hereby certify that under penalty of perjury I believe my business qualifies as a Palm Beach County, Western Community or subcontractor utilization business in accordance with Wellington's Local Preference Policy and that I have submitted current and accurate information and documents relating to my qualifications. I further acknowledge and agree that any fraudulent or duplicitous information submitted in furtherance of this application will be grounds for disqualification from bidding on this project and doing business with Wellington in the future.

Applicants Federal Tax ID Number - \_\_\_\_\_ Applicants Business Address \_\_\_\_\_

**\*\*\*FLORIDA-SPECTRUM IS NOT APPLYING TO BE CONSIDERED A LOCAL BUSINESS.\*\*\***

**Signature of Authorized Representative of Corporation, Partnership, or other business entity:**

Sign: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

CITY OF: \_\_\_\_\_

COUNTY OF: \_\_\_\_\_

SUBSCRIBED AND SWORN TO (or affirmed) before me on this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_, by \_\_\_\_\_ . He/She is personally known to me or has presented \_\_\_\_\_ as identification.

\_\_\_\_\_  
(Signature of Notary)

\_\_\_\_\_  
(Print or Stamp Name of Notary)

Notary Public \_\_\_\_\_

Notary Seal

(State)

**Signature of Individual if Sole Proprietor:**

Sign: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

CITY OF: \_\_\_\_\_

COUNTY OF: \_\_\_\_\_

SUBSCRIBED AND SWORN TO (or affirmed) before me on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by  
\_\_\_\_\_. He/She is personally known to me or has presented \_\_\_\_\_ as  
identification. (Type of Identification)

\_\_\_\_\_  
(Signature of Notary)

\_\_\_\_\_  
(Print or Stamp Name of Notary)

Notary Public \_\_\_\_\_  
(State)

Notary Seal

**\*\*\*FLORIDA-SPECTRUM IS NOT APPLYING TO BE CONSIDERED A LOCAL BUSINESS.\*\*\***



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**10. CONFLICT OF INTEREST**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)

## CONFLICT OF INTEREST STATEMENT

This Proposal/Agreement (whichever is applicable) is subject to the conflict of interest provisions of the policies and Code of Ordinances of WELLINGTON, the Palm Beach County Code of Ethics, and the Florida Statutes. During the term of this Agreement and any renewals or extensions thereof, the VENDOR shall disclose to WELLINGTON any possible conflicts of interests. The VENDOR's duty to disclose is of a continuing nature and any conflict of interest shall be immediately brought to the attention of WELLINGTON. The terms below shall be defined in accordance with the policies and Code of Ordinances of WELLINGTON, the Palm Beach County Code of Ethics, and Ch. 112, Part III, Florida Statutes.

### CHECK ALL THAT APPLY:

#### **NO CONFLICT:**

☒ To the best of our knowledge, the undersigned business has no potential conflict of interest for this Agreement due to any other clients, contracts, or property interests.

☒ To the best of our knowledge, the undersigned business has no employment or other contractual relationship with any WELLINGTON employee, elected official or appointed official.

☒ To the best of our knowledge, the undersigned business has no officer, director, partner or proprietor that is a WELLINGTON purchasing agent, other employee, elected official or appointed official. The term "purchasing agent", "elected official" or "appointed official", as used in this paragraph, shall include the respective individual's spouse or child, as defined in Ch. 112, Part III, Florida Statutes.

☒ To the best of our knowledge, no WELLINGTON employee, elected official or appointed official has a material or ownership interest (5% ownership) in our business. The term "employee", "elected official" and "appointed official", as used in this paragraph, shall include such respective individual's relatives and household members as described and defined in the Palm Beach County Code of Ethics.

☒ To the best of our knowledge, the undersigned business has no current clients that are presently subject to the jurisdiction of WELLINGTON's Planning, Zoning and Building Department.

#### **CONFLICT:**

☐ The undersigned business, by attachment to this form, submits information which may be a potential conflict of interest due to any of the above listed reasons or otherwise.

THE UNDERSIGNED UNDERSTANDS AND AGREES THAT THE FAILURE TO CHECK THE APPROPRIATE BLOCKS ABOVE OR TO ATTACH THE DOCUMENTATION OF ANY POSSIBLE CONFLICTS OF INTEREST MAY RESULT IN DISQUALIFICATION OF YOUR BID/PROPOSAL OR IN THE IMMEDIATE CANCELLATION OF YOUR AGREEMENT, WHICHEVER IS APPLICABLE.

Florida-Spectrum Environmental Services, Inc.

COMPANY NAME

  
AUTHORIZED SIGNATURE

Katherine Coral, CFO

NAME (PRINT OR TYPE)





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**11. NON-COLLUSION AFFIDAVIT**



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**1460 W. MCNAB ROAD**

**FORT LAUDERDALE, FL 33309**

**PH: 954-978-6400 · FX: 954-978-2233**

**EMAIL: M.ALEXANDER@FLENVIRO.COM**

# NON-COLLUSION AFFIDAVIT

State of Florida

County of Broward

Being duly sworn deposes and says:

That he/she is an officer of the parties making the forgoing bid submittal, that the bid is made without prior understanding, agreement, or connection with any individual, firm, partnership, corporation or other entity submitting a bid for the same materials, services, supplies or equipment, either directly or indirectly, and is in all respects fair and without collusion or fraud. No premiums, rebates, or gratuities are permitted with, prior to, or after any delivery of material or provision of services. Any violation of this provision may result in disqualification, contract cancellation, return of materials or discontinuation of services, and the possible removal of Bidder from the vendor Bid lists

Florida-Spectrum Environmental Services, Inc.

Name of Bidder

Katherine Coral

Print name of designated signatory

Katherine Coral

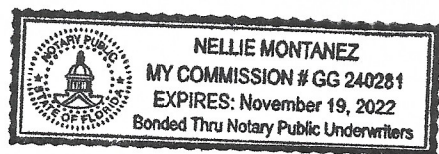
Signature

Chief Financial Officer

Title

On this \_\_\_\_\_ day of September, 2021, before me appeared Katherine Coral personally known to me to be the person described in and who executed this \_\_\_\_\_ and acknowledged that (she/he) signed the name freely and voluntarily for the uses and purposes therein described.

In witness thereof, I have hereunto set my hand and affixed seal the day and year last written above.



(Affix Seal Here)

Nellie Montanez

Signature

Notary Public in and for the State of Florida

Nellie Montanez

(Name Printed)

Residing at 1460 W. McNab Rd.  
Ft. Lauderdale, FL 33309

My commission expires 11.19.22





**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**12. INSURANCE CERTIFICATES**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)



FLORSPE-01

KMARTIN

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/14/2021

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).

<b>PRODUCER</b> Corporate Insurance Advisors, LLC 1401 E. Broward Blvd. Suite 103 Fort Lauderdale, FL 33301	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): (954) 315-5000		<b>FAX (A/C, No):</b> (954) 315-5050
	<b>E-MAIL ADDRESS:</b> service@ciafl.net		
<b>INSURED</b>  Florida Spectrum Environmental Services, Inc. 1460 W. McNab Road Ft Lauderdale, FL 33309	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A :</b> Colony Insurance Co.		<b>39993</b>
	<b>INSURER B :</b> FCCI Insurance Company		<b>10178</b>
	<b>INSURER C :</b>		
	<b>INSURER D :</b>		
	<b>INSURER E :</b>		
<b>INSURER F :</b>			

## COVERAGES

## CERTIFICATE NUMBER:

## 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	X		PACEP4245077	2/24/2021	2/24/2022	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input checked="" type="checkbox"/> Pollution						MED EXP (Any one person) \$ 5,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input checked="" type="checkbox"/> OTHER: 1,000,000						PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							PROFESSIONAL LI \$ 1,000,000
	<b>AUTOMOBILE LIABILITY</b>						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
	<b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$
	DED <input type="checkbox"/> RETENTION \$						\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>	N/A		WC0100062975-01	11/1/2020	11/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N						E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000
A	<b>Pollution Liability</b>			PACEP4245077	2/24/2021	2/24/2022	Each Occurrence 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Village of Wellington is included as an additional insured with respects to General Liability when required by written contract, subject to policy terms, conditions and exclusions.

## CERTIFICATE HOLDER

## CANCELLATION

Village of Wellington c/o Insurance Tracking Services, Inc. (ITS) 400 Oceangate Suite 450 Long Beach, CA 90802	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 




# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/10/2021

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<b>PRODUCER</b>  Grace Swaby-Smith Insurance Agency 3007 W Commercial Blvd, Suite 205 Ft. Lauderdale, FL 33309-8510	<b>CONTACT NAME:</b> Grace Swaby-Smith <b>PHONE (A/C, No, Ext):</b> 954-739-9339 <b>FAX (A/C, No):</b> 954-735-9986 <b>E-MAIL ADDRESS:</b> <b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> State Farm Mutual Automobile Insurance Company <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b> <b>NAIC #</b> 25178
<b>INSURED</b> Amorada Leasing LLC 1460 W. McNab Road Fort Lauderdale, FL 33309-1122	

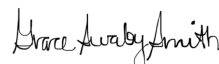
**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	C55 5313-A03-59P 429 8711-A01-59W D31 8310-A26-59I D15 0783-A03-59L	07/03/2021 07/01/2021 07/26/2021 07/03/2021	01/03/2022 01/01/2022 01/26/2022 01/03/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <b>EXCESS LIAB</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE  DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input type="checkbox"/>	N / A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

Village of Wellington c/o Insurance Tracking Services, Inc. (ITS) 400 Oceangate, Suite 450 Long Beach, CA 90802	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 
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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/10/2021

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<b>PRODUCER</b>  Grace Swaby-Smith Insurance Agency 3007 W Commercial Blvd, Suite 205 Ft. Lauderdale, FL 33309-8510	<b>CONTACT NAME:</b> Grace Swaby-Smith <b>PHONE (A/C, No, Ext):</b> 954-739-9339 <b>FAX (A/C, No):</b> 954-735-9986 <b>E-MAIL ADDRESS:</b> <b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> State Farm Mutual Automobile Insurance Company <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b> <b>NAIC #</b> 25178
<b>INSURED</b> Amorada Leasing LLC 1460 W. McNab Road Fort Lauderdale, FL 33309-1122	

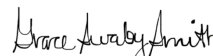
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	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	960 6801-A01-59Q 982 0134-A03-59N 989 7798-A01-59M E10 0549-A01-59L	07/01/2021 07/03/2021 07/01/2021 07/01/2021	01/01/2022 01/03/2022 01/01/2022 01/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <b>EXCESS LIAB</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE  DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input type="checkbox"/>	N / A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

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<b>INSURED</b> Amorada Leasing LLC 1460 W. McNab Road Fort Lauderdale, FL 33309-1122	


**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	894 7039-A01-590 J23 5179-A01-59 J28 5287-A01-59	07/01/2021 07/01/2021 07/01/2021	01/01/2022 01/01/2022 01/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <b>EXCESS LIAB</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input type="checkbox"/>	N / A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

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**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**13. COPY OF APPROPRIATE LICENSES**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)

# Request for Taxpayer Identification Number and Certification

Give Form to the  
requester. Do not  
send to the IRS.

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only <b>one</b> of the following seven boxes.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ► _____	Exempt payee code (if any) _____  Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name and address (optional)
6 City, state, and ZIP code		
7 List account number(s) here (optional)		

## Part I 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 generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

<b>Social security number</b>											
				-				-			
<b>or</b>											
<b>Employer identification number</b>											
					-						

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 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
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ►	Date ►	01/04/2021
			

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.*





## CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2020-2021



Business Tax Division

100 N ANDREWS AVE | FORT LAUDERDALE, FL 33301 | (954) 828 - 5195

**Business ID:** BL-9055798  
**Business Address:** 1460 W MCNAB RD

**Business Name:** FLORIDA-SPECTRUM ENV SERV INC

FLORIDA-SPECTRUM ENV SERV INC  
1460 W MCNAB RD  
FORT LAUDERDALE FL 33309

### TAX CATEGORIES

413502 LABORATORY SERVICES-MEDICAL

**Contact:** FLORIDA-SPECTRUM ENV SERV INC  
**Business Email:** K.Coral@Flenviro.Com

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email [businesstax@fortlauderdale.gov](mailto:businesstax@fortlauderdale.gov) and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.
- If you have sold your business, please email a copy of the Bill of Sale to [businesstax@fortlauderdale.gov](mailto:businesstax@fortlauderdale.gov) and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

**Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.**

# CITY OF WEST PALM BEACH

DEPARTMENT OF DEVELOPMENT SERVICES



WEST PALM BEACH

Development Services

Attached is your 2021-2022 Business Receipt evidencing payment of fees for your Local Business Tax; Certificate of Use (if applicable); Sidewalk Café Permit (if applicable); and/or Extended Hours Alcohol Permit (if applicable).

**Business Tax Receipt:** This document, based on the business category codes listed below, is your Business Tax Receipt. **THIS BUSINESS TAX RECEIPT MUST BE DISPLAYED ON THE PREMISES IN A PLACE WHERE IT MAY BE SEEN AT ALL TIMES (Sec. 82-160 City Code).**

**Certificate of Use:** A certificate of use may be suspended or revoked in accordance with Sec. 22-39 of the City Code.

**Sidewalk Café Permit:** A sidewalk café permit requires compliance with the conditions in Secs. 78-345 and 78-347 of the City Code. A sidewalk café permit may be suspended or revoked pursuant to Sec. 78-348 of the City Code.

**Extended Hours Alcohol Permit:** An extended hours alcohol permit requires compliance with the conditions in Sec. 6-8 of the City Code and may be suspended or revoked as provided in said section.

FOR INFORMATION CALL (561) 805-6700 EMAIL [businesstax@wpb.org](mailto:businesstax@wpb.org) HOURS 8:00 AM - 5:00 PM — MONDAY - FRIDAY

INSTRUCTIONS: PLEASE POST IN A CONSPICUOUS PLACE AT YOUR PLACE OF BUSINESS.



WEST PALM BEACH

Development Services

0000022742  
FLORIDA SPECTRUM ENV SERV INC  
1460 W MCNAB RD

## CITY OF WEST PALM BEACH

2021 to 2022 BUSINESS RECEIPT

**NOT TRANSFERABLE**

CITY OF WEST PALM BEACH  
P.O. BOX 3147, WEST PALM BEACH, FL. 33402

ENVIRONMENTAL TESTING  
LABORATORY E86006

BUS. TAX ID.	CATEGORY	DESCRIPTION	FEE
48702	888888	REGISTRATION OF ANY BUSINESS	69.46

**EXPIRES  
SEPTEMBER 30,  
2022**

**TOTAL →** 69.46

**THIS DOCUMENT NOT VALID  
UNTIL FUNDS ARE COLLECTED**

**\*\* PAID** 69.46 **\*\* BAL \*\*** 0.00

**2021 FLORIDA PROFIT CORPORATION ANNUAL REPORT**

DOCUMENT# P05000164156

**Entity Name:** FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

**Current Principal Place of Business:**

1460 WEST MCNAB ROAD  
FORT LAUDERDALE, FL 33309

**Current Mailing Address:**

1460 WEST MCNAB ROAD  
FORT LAUDERDALE, FL 33309

**FEI Number:** 20-3973182


**Certificate of Status Desired:** No

**Name and Address of Current Registered Agent:**

LYLE A. JOHNSON  
1460 WEST MCNAB ROAD  
FORT LAUDERDALE, FL 33309 US

*The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.*

**SIGNATURE:**

  
Electronic Signature of Registered Agent

*Pres*

*1/12/2021*  
Date

**Officer/Director Detail :**

Title PRES  
Name JOHNSON, LYLE  
Address 1460 WEST MCNAB ROAD  
City-State-Zip: FORT LAUDERDALE FL 33309

Title CFO  
Name CORAL, KATHERINE  
Address 1460 WEST MCNAB ROAD  
City-State-Zip: FORT LAUDERDALE FL 33309

Title VP  
Name JOHNSON, TERRY  
Address 630 INDIAN STREET  
City-State-Zip: SAVANNAH GA 31401

Title S  
Name MCKINLEY, RUTH  
Address 1460 WEST MCNAB ROAD  
City-State-Zip: FORT LAUDERDALE FL 33309

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

**SIGNATURE:** LYLE JOHNSON

**PRES**

**01/12/2021**

Electronic Signature of Signing Officer/Director Detail

Date



## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

April 10, 2020

**REGISTERED VENDOR NO.: 110656**

Katherine Coral, C.F.O.  
Florida-Spectrum Environmental Services, Inc.  
1460 West McNab Road  
Fort Lauderdale, FL 33309

**CERTIFICATION EXPIRATION DATE**  
**April 10, 2023**

Dear Ms. Coral:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may **only** be applied when business is conducted in the following area(s):

**Laboratory Testing: Water & Soil Services**

*Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.*

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. **FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.**

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joni Lynn Fox".

Joni Lynn Fox  
Sr. Contract Compliance Specialist  
Procurement Bureau

JLF/kk





Environmental Protection and Growth Management Department  
Environmental and Consumer Protection Division  
One North University Drive, Suite A102, Plantation, Florida 33324  
Phone: 954-519-1260 - Fax: 954-519-1494

# HAZARDOUS MATERIAL MANAGEMENT FACILITY LICENSE

License Number: HM-00265-21

**Applicant:**

Mr. Lyle A Johnson, President  
Spectrum Laboratories, Inc.  
1460 W MCNAB RD  
Fort Lauderdale, FL 33309

**Facility Number: 00265**

Florida Spectrum Environmental Services  
1460 W MCNAB RD  
Fort Lauderdale, FL 33309

This license is issued under the provisions of Chapter 27 of the Broward County Code of Ordinances hereinafter called the Code. The above-named applicant, hereinafter called Licensee, is hereby authorized to perform the work or operate the facility shown on the approved drawings, plans, documents, and specifications submitted by the Licensee and made a part hereof and described specifically below. The issuance of this license is a final agency determination. A person with a substantial interest may file a petition to request review of or to intervene in a review of a final administrative determination, subject to the provisions of Section 27-14, Broward County Code of Ordinances. If no objection to this license is received within 14 days, the Licensee will be deemed to have accepted it and all the attached terms and conditions.

ALL GENERAL CONDITIONS and SPECIFIC CONDITIONS, on the back of the license or as attached, are considered to constitute the requirements of this license. The Licensee is required to fully comply with all these conditions. Any failure to comply with conditions or requirements as set forth may result in revocation or suspension of this license and may subject the Licensee to enforcement action in accordance with the provisions of Article 1, Division 4 of the Code.

**Nature of Business:** Analytical Laboratory

**Hazardous Waste Stream:** Acids, Heavy Metals, Base, Bulbs, Methylene Chloride, Solvent, Oil

**Well Field:** N/A

**Septic:** No

**IMPORTANT: THIS LICENSE IS ISSUED ONLY TO THE LICENSEE FOR THE FACILITY ADDRESS IDENTIFIED ABOVE.**

**IF THE FACILITY MOVES, CLOSES, OR HAS A CHANGE IN LICENSEE OR ACTIVITY, THE LICENSEE MUST:**

- Transfer license to a new owner or operator
- Submit written notification thirty (30) days prior to closing the facility
- Properly remove and/or dispose of all hazardous materials when closing a facility
- Submit application for each hazardous material management facility location(s) in Broward County
- Submit application, secure approval, and call (954) 519-1260 for inspection, prior to installing or modifying storage tanks
- Submit application, secure approval, and call (954) 519-1260 for inspection, prior to removing or moving storage tanks
- Properly maintain storage tanks and the associated license until all tanks are properly closed

The issuance of this license is a final agency determination. A person with a substantial interest may file a petition to request review of or to intervene in a review of a final administrative determination, subject to the provisions of Section 27-14, Broward County Code of Ordinances.

**Application Received:** Mar 22, 2021  
**Effective Date:** Jul 01, 2021  
**Expiration Date:** Jun 30, 2023  
**Issued By:** Valerie Mebane

**VALERIE MEBANE, NATURAL RESOURCES SPECIALIST**  
Phone: 954-519-1485 - Email: VMebane@broward.org

Environmental and Consumer Protection Division  
www.broward.org/PollutionPrevention

(PLEASE SEE LICENSE CONDITIONS ON THE BACK)

**Renewal Application Due:** May 01, 2023



# HAZARDOUS MATERIAL MANAGEMENT FACILITY LICENSE

## GENERAL CONDITIONS

- (1) The terms, conditions, requirements, limitations and restrictions set forth herein are accepted by the licensee and must be completed by the licensee and are enforceable by EPGMD pursuant to this chapter. EPGMD will review this license periodically and may revoke or suspend the license, and initiate administrative and/or judicial action for any violation of the conditions by the licensee, its agents, employees, servants or representatives.
- (2) This license is valid only for the specific uses set forth in the license application and any deviation from the approved uses may constitute grounds for revocation, suspension, and/or enforcement action by EPGMD.
- (3) In the event the licensee is temporarily unable to comply with any of the conditions of the license or with this chapter, the licensee shall notify EPGMD within eight (8) hours or as stated in the specific section of this chapter. Within three (3) working days of the event, the licensee shall submit a written report to EPGMD that describes the incident, its cause, the measures being taken to correct the problem and prevent its reoccurrence, the owner's intention regarding the repair, replacement and reconstruction of destroyed facilities and a schedule of events leading toward operation with the license condition.
- (4) The issuance of this license does not convey any vested rights or exclusive privileges, nor does it authorize any injury to public or private property or any invasion of personal rights, or any violation of federal, state or local laws or regulations.
- (5) This license must be available for inspection on the licensee's premises during the entire life of the license.
- (6) By accepting this license, the licensee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this licensed facility or activity, that are submitted to the county, may be used by the county as evidence in any enforcement proceeding arising under this chapter, except where such use is prohibited by section 403.111, Florida Statutes.
- (7) The licensee agrees to comply and shall comply with all provisions of the most current version of this chapter.
- (8) Any new owner or operator of a licensed facility shall apply by letter for a transfer of license within thirty (30) days after sale or legal transfer. The transferor shall remain liable for performance in accordance with the license until the transferee applies for and is granted a transfer of license. The transferee shall be liable for any violation of this chapter that results from the transferee's activities. The transferee shall comply with the transferor's original license conditions when the transferee has failed to obtain its own license.
- (9) The licensee, by acceptance of this license, specifically agrees to allow access and shall allow access to the licensed source, activity or facility at times to EPGMD personnel for the purposes of inspection and testing to determine compliance with this license and this chapter.
- (10) This license does not constitute a waiver or approval of any other license, approval, or regulatory requirement by this or any other governmental agency that may be required.
- (11) Enforcement of the terms and provisions of this license shall be at the reasonable discretion of EPGMD, and any forbearance on behalf of EPGMD to exercise its rights hereunder in the event of any breach by the licensee, shall not be deemed or construed to be a waiver of EPGMD's rights hereunder.

## SPECIFIC CONDITIONS - STORAGE TANK

- (1) The Licensee or responsible party shall not operate in whole or in part a storage tank system that has been granted AGENCY approval of system modification until the engineer's 'As-builts' or 'Record' drawings along with applicable tightness, pressure or vapor recovery test results are submitted and approved by THE AGENCY.
- (2) The Licensee or responsible party shall notify THE AGENCY at least forty-eight (48) hours prior to the start of a storage tank system upgrading, installation, closure or internal inspection performed in accordance with Section 27-305(a) of the Code. To schedule an inspection, call the AGENCY at (954) 519-1260.



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**14. E-VERIFY MEMORANDUM OF UNDERSTANDING**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)



Company ID Number: 431714

## **THE E-VERIFY MEMORANDUM OF UNDERSTANDING FOR EMPLOYERS**

### **ARTICLE I PURPOSE AND AUTHORITY**

The parties to this agreement are the Department of Homeland Security (DHS) and the Florida-Spectrum Environmental Services, Inc (Employer). The purpose of this agreement is to set forth terms and conditions which the Employer will follow while participating in E-Verify.

E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of Form I-9, Employment Eligibility Verification (Form I-9). This Memorandum of Understanding (MOU) explains certain features of the E-Verify program and describes specific responsibilities of the Employer, the Social Security Administration (SSA), and DHS.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). The Federal Acquisition Regulation (FAR) Subpart 22.18, "Employment Eligibility Verification" and Executive Order 12989, as amended, provide authority for Federal contractors and subcontractors (Federal contractor) to use E-Verify to verify the employment eligibility of certain employees working on Federal contracts.

### **ARTICLE II RESPONSIBILITIES**

#### **A. RESPONSIBILITIES OF THE EMPLOYER**

1. The Employer agrees to display the following notices supplied by DHS in a prominent place that is clearly visible to prospective employees and all employees who are to be verified through the system:
  - a. Notice of E-Verify Participation
  - b. Notice of Right to Work
2. The Employer agrees to provide to the SSA and DHS the names, titles, addresses, and telephone numbers of the Employer representatives to be contacted about E-Verify. The Employer also agrees to keep such information current by providing updated information to SSA and DHS whenever the representatives' contact information changes.
3. The Employer agrees to grant E-Verify access only to current employees who need E-Verify access. Employers must promptly terminate an employee's E-Verify access if the employer is separated from the company or no longer needs access to E-Verify.

Company ID Number: 431714

4. The Employer agrees to become familiar with and comply with the most recent version of the E-Verify User Manual.
  5. The Employer agrees that any Employer Representative who will create E-Verify cases will complete the E-Verify Tutorial before that individual creates any cases.
    - a. The Employer agrees that all Employer representatives will take the refresher tutorials when prompted by E-Verify in order to continue using E-Verify. Failure to complete a refresher tutorial will prevent the Employer Representative from continued use of E-Verify.
  6. The Employer agrees to comply with current Form I-9 procedures, with two exceptions:
    - a. If an employee presents a "List B" identity document, the Employer agrees to only accept "List B" documents that contain a photo. (List B documents identified in 8 C.F.R. § 274a.2(b)(1)(B)) can be presented during the Form I-9 process to establish identity.) If an employee objects to the photo requirement for religious reasons, the Employer should contact E-Verify at 888-464-4218.
    - b. If an employee presents a DHS Form I-551 (Permanent Resident Card), Form I-766 (Employment Authorization Document), or U.S. Passport or Passport Card to complete Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The Employer will use the photocopy to verify the photo and to assist DHS with its review of photo mismatches that employees contest. DHS may in the future designate other documents that activate the photo screening tool.
- Note: Subject only to the exceptions noted previously in this paragraph, employees still retain the right to present any List A, or List B and List C, document(s) to complete the Form I-9.
7. The Employer agrees to record the case verification number on the employee's Form I-9 or to print the screen containing the case verification number and attach it to the employee's Form I-9.
  8. The Employer agrees that, although it participates in E-Verify, the Employer has a responsibility to complete, retain, and make available for inspection Forms I-9 that relate to its employees, or from other requirements of applicable regulations or laws, including the obligation to comply with the antidiscrimination requirements of section 274B of the INA with respect to Form I-9 procedures.
    - a. The following modified requirements are the only exceptions to an Employer's obligation to not employ unauthorized workers and comply with the anti-discrimination provision of the INA: (1) List B identity documents must have photos, as described in paragraph 6 above; (2) When an Employer confirms the identity and employment eligibility of newly hired employee using E-Verify procedures, the Employer establishes a rebuttable presumption that it has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of that employee; (3) If the Employer receives a final nonconfirmation for an employee, but continues to employ that person, the Employer must notify DHS and the Employer is subject to a civil money penalty between \$550 and \$1,100 for each failure to notify DHS of continued employment following a final nonconfirmation; (4) If the Employer continues to employ an employee after receiving a final nonconfirmation, then the Employer is subject to a rebuttable presumption that it has knowingly

**Company ID Number:** 431714

employed an unauthorized alien in violation of section 274A(a)(1)(A); and (5) no E-Verify participant is civilly or criminally liable under any law for any action taken in good faith based on information provided through the E-Verify.

b. DHS reserves the right to conduct Form I-9 compliance inspections, as well as any other enforcement or compliance activity authorized by law, including site visits, to ensure proper use of E-Verify.

9. The Employer is strictly prohibited from creating an E-Verify case before the employee has been hired, meaning that a firm offer of employment was extended and accepted and Form I-9 was completed. The Employer agrees to create an E-Verify case for new employees within three Employer business days after each employee has been hired (after both Sections 1 and 2 of Form I-9 have been completed), and to complete as many steps of the E-Verify process as are necessary according to the E-Verify User Manual. If E-Verify is temporarily unavailable, the three-day time period will be extended until it is again operational in order to accommodate the Employer's attempting, in good faith, to make inquiries during the period of unavailability.

10. The Employer agrees not to use E-Verify for pre-employment screening of job applicants, in support of any unlawful employment practice, or for any other use that this MOU or the E-Verify User Manual does not authorize.

11. The Employer must use E-Verify for all new employees. The Employer will not verify selectively and will not verify employees hired before the effective date of this MOU. Employers who are Federal contractors may qualify for exceptions to this requirement as described in Article II.B of this MOU.

12. The Employer agrees to follow appropriate procedures (see Article III below) regarding tentative nonconfirmations. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending. Further, when employees contest a tentative nonconfirmation based upon a photo mismatch, the Employer must take additional steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

13. The Employer agrees not to take any adverse action against an employee based upon the employee's perceived employment eligibility status while SSA or DHS is processing the verification request unless the Employer obtains knowledge (as defined in 8 C.F.R. § 274a.1(l)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification system to verify work authorization, a tentative nonconfirmation, a case in continuance (indicating the need for additional time for the government to resolve a case), or the finding of a photo mismatch, does not establish, and should not be interpreted as, evidence that the employee is not work authorized. In any of such cases, the employee must be provided a full and fair opportunity to contest the finding, and if he or she does so, the employee may not be terminated or suffer any adverse employment consequences based upon the employee's perceived employment eligibility status

Company ID Number: 431714

(including denying, reducing, or extending work hours, delaying or preventing training, requiring an employee to work in poorer conditions, withholding pay, refusing to assign the employee to a Federal contract or other assignment, or otherwise assuming that he or she is unauthorized to work) until and unless secondary verification by SSA or DHS has been completed and a final nonconfirmation has been issued. If the employee does not choose to contest a tentative nonconfirmation or a photo mismatch or if a secondary verification is completed and a final nonconfirmation is issued, then the Employer can find the employee is not work authorized and terminate the employee's employment. Employers or employees with questions about a final nonconfirmation may call E-Verify at 1-888-464-4218 (customer service) or 1-888-897-7781 (worker hotline).

14. The Employer agrees to comply with Title VII of the Civil Rights Act of 1964 and section 274B of the INA as applicable by not discriminating unlawfully against any individual in hiring, firing, employment eligibility verification, or recruitment or referral practices because of his or her national origin or citizenship status, or by committing discriminatory documentary practices. The Employer understands that such illegal practices can include selective verification or use of E-Verify except as provided in part D below, or discharging or refusing to hire employees because they appear or sound "foreign" or have received tentative nonconfirmations. The Employer further understands that any violation of the immigration-related unfair employment practices provisions in section 274B of the INA could subject the Employer to civil penalties, back pay awards, and other sanctions, and violations of Title VII could subject the Employer to back pay awards, compensatory and punitive damages. Violations of either section 274B of the INA or Title VII may also lead to the termination of its participation in E-Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-8155 or 1-800-237-2515 (TDD).

15. The Employer agrees that it will use the information it receives from E-Verify only to confirm the employment eligibility of employees as authorized by this MOU. The Employer agrees that it will safeguard this information, and means of access to it (such as PINS and passwords), to ensure that it is not used for any other purpose and as necessary to protect its confidentiality, including ensuring that it is not disseminated to any person other than employees of the Employer who are authorized to perform the Employer's responsibilities under this MOU, except for such dissemination as may be authorized in advance by SSA or DHS for legitimate purposes.

16. The Employer agrees to notify DHS immediately in the event of a breach of personal information. Breaches are defined as loss of control or unauthorized access to E-Verify personal data. All suspected or confirmed breaches should be reported by calling 1-888-464-4218 or via email at [E-Verify@dhs.gov](mailto:E-Verify@dhs.gov). Please use "Privacy Incident – Password" in the subject line of your email when sending a breach report to E-Verify.

17. The Employer acknowledges that the information it receives from SSA is governed by the Privacy Act (5 U.S.C. § 552a(i)(1) and (3)) and the Social Security Act (42 U.S.C. 1306(a)). Any person who obtains this information under false pretenses or uses it for any purpose other than as provided for in this MOU may be subject to criminal penalties.

18. The Employer agrees to cooperate with DHS and SSA in their compliance monitoring and evaluation of E-Verify, which includes permitting DHS, SSA, their contractors and other agents, upon

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reasonable notice, to review Forms I-9 and other employment records and to interview it and its employees regarding the Employer's use of E-Verify, and to respond in a prompt and accurate manner to DHS requests for information relating to their participation in E-Verify.

19. The Employer shall not make any false or unauthorized claims or references about its participation in E-Verify on its website, in advertising materials, or other media. The Employer shall not describe its services as federally-approved, federally-certified, or federally-recognized, or use language with a similar intent on its website or other materials provided to the public. Entering into this MOU does not mean that E-Verify endorses or authorizes your E-Verify services and any claim to that effect is false.

20. The Employer shall not state in its website or other public documents that any language used therein has been provided or approved by DHS, USCIS or the Verification Division, without first obtaining the prior written consent of DHS.

21. The Employer agrees that E-Verify trademarks and logos may be used only under license by DHS/USCIS (see [M-795 \(Web\)](#)) and, other than pursuant to the specific terms of such license, may not be used in any manner that might imply that the Employer's services, products, websites, or publications are sponsored by, endorsed by, licensed by, or affiliated with DHS, USCIS, or E-Verify.

22. The Employer understands that if it uses E-Verify procedures for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and termination of its participation in E-Verify according to this MOU.

## **B. RESPONSIBILITIES OF FEDERAL CONTRACTORS**

1. If the Employer is a Federal contractor with the FAR E-Verify clause subject to the employment verification terms in Subpart 22.18 of the FAR, it will become familiar with and comply with the most current version of the E-Verify User Manual for Federal Contractors as well as the E-Verify Supplemental Guide for Federal Contractors.

2. In addition to the responsibilities of every employer outlined in this MOU, the Employer understands that if it is a Federal contractor subject to the employment verification terms in Subpart 22.18 of the FAR it must verify the employment eligibility of any "employee assigned to the contract" (as defined in FAR 22.1801). Once an employee has been verified through E-Verify by the Employer, the Employer may not create a second case for the employee through E-Verify.

a. An Employer that is not enrolled in E-Verify as a Federal contractor at the time of a contract award must enroll as a Federal contractor in the E-Verify program within 30 calendar days of contract award and, within 90 days of enrollment, begin to verify employment eligibility of new hires using E-Verify. The Employer must verify those employees who are working in the United States, whether or not they are assigned to the contract. Once the Employer begins verifying new hires, such verification of new hires must be initiated within three business days after the hire date. Once enrolled in E-Verify as a Federal contractor, the Employer must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.



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b. Employers enrolled in E-Verify as a Federal contractor for 90 days or more at the time of a contract award must use E-Verify to begin verification of employment eligibility for new hires of the Employer who are working in the United States, whether or not assigned to the contract, within three business days after the date of hire. If the Employer is enrolled in E-Verify as a Federal contractor for 90 calendar days or less at the time of contract award, the Employer must, within 90 days of enrollment, begin to use E-Verify to initiate verification of new hires of the contractor who are working in the United States, whether or not assigned to the contract. Such verification of new hires must be initiated within three business days after the date of hire. An Employer enrolled as a Federal contractor in E-Verify must begin verification of each employee assigned to the contract within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever is later.

c. Federal contractors that are institutions of higher education (as defined at 20 U.S.C. 1001(a)), state or local governments, governments of Federally recognized Indian tribes, or sureties performing under a takeover agreement entered into with a Federal agency under a performance bond may choose to only verify new and existing employees assigned to the Federal contract. Such Federal contractors may, however, elect to verify all new hires, and/or all existing employees hired after November 6, 1986. Employers in this category must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.

d. Upon enrollment, Employers who are Federal contractors may elect to verify employment eligibility of all existing employees working in the United States who were hired after November 6, 1986, instead of verifying only those employees assigned to a covered Federal contract. After enrollment, Employers must elect to verify existing staff following DHS procedures and begin E-Verify verification of all existing employees within 180 days after the election.

e. The Employer may use a previously completed Form I-9 as the basis for creating an E-Verify case for an employee assigned to a contract as long as:

- i. That Form I-9 is complete (including the SSN) and complies with Article II.A.6,
- ii. The employee's work authorization has not expired, and
- iii. The Employer has reviewed the Form I-9 information either in person or in communications with the employee to ensure that the employee's Section 1, Form I-9 attestation has not changed (including, but not limited to, a lawful permanent resident alien having become a naturalized U.S. citizen).

f. The Employer shall complete a new Form I-9 consistent with Article II.A.6 or update the previous Form I-9 to provide the necessary information if:

- i. The Employer cannot determine that Form I-9 complies with Article II.A.6,
- ii. The employee's basis for work authorization as attested in Section 1 has expired or changed, or
- iii. The Form I-9 contains no SSN or is otherwise incomplete.

Note: If Section 1 of Form I-9 is otherwise valid and up-to-date and the form otherwise complies with



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Article II.C.5, but reflects documentation (such as a U.S. passport or Form I-551) that expired after completing Form I-9, the Employer shall not require the production of additional documentation, or use the photo screening tool described in Article II.A.5, subject to any additional or superseding instructions that may be provided on this subject in the E-Verify User Manual.

g. The Employer agrees not to require a second verification using E-Verify of any assigned employee who has previously been verified as a newly hired employee under this MOU or to authorize verification of any existing employee by any Employer that is not a Federal contractor based on this Article.

3. The Employer understands that if it is a Federal contractor, its compliance with this MOU is a performance requirement under the terms of the Federal contract or subcontract, and the Employer consents to the release of information relating to compliance with its verification responsibilities under this MOU to contracting officers or other officials authorized to review the Employer's compliance with Federal contracting requirements.

### **C. RESPONSIBILITIES OF SSA**

1. SSA agrees to allow DHS to compare data provided by the Employer against SSA's database. SSA sends DHS confirmation that the data sent either matches or does not match the information in SSA's database.

2. SSA agrees to safeguard the information the Employer provides through E-Verify procedures. SSA also agrees to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security numbers or responsible for evaluation of E-Verify or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

3. SSA agrees to provide case results from its database within three Federal Government work days of the initial inquiry. E-Verify provides the information to the Employer.

4. SSA agrees to update SSA records as necessary if the employee who contests the SSA tentative nonconfirmation visits an SSA field office and provides the required evidence. If the employee visits an SSA field office within the eight Federal Government work days from the date of referral to SSA, SSA agrees to update SSA records, if appropriate, within the eight-day period unless SSA determines that more than eight days may be necessary. In such cases, SSA will provide additional instructions to the employee. If the employee does not visit SSA in the time allowed, E-Verify may provide a final nonconfirmation to the employer.

Note: If an Employer experiences technical problems, or has a policy question, the employer should contact E-Verify at 1-888-464-4218.

### **D. RESPONSIBILITIES OF DHS**

1. DHS agrees to provide the Employer with selected data from DHS databases to enable the Employer to conduct, to the extent authorized by this MOU:

a. Automated verification checks on alien employees by electronic means, and

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- b. Photo verification checks (when available) on employees.
2. DHS agrees to assist the Employer with operational problems associated with the Employer's participation in E-Verify. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.
3. DHS agrees to provide to the Employer with access to E-Verify training materials as well as an E-Verify User Manual that contain instructions on E-Verify policies, procedures, and requirements for both SSA and DHS, including restrictions on the use of E-Verify.
4. DHS agrees to train Employers on all important changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify User Manual. Even without changes to E-Verify, DHS reserves the right to require employers to take mandatory refresher tutorials.
5. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in E-Verify. DHS also agrees to provide to the Employer anti-discrimination notices issued by the Office of Special Counsel for Immigration-Related Unfair Employment Practices (OSC), Civil Rights Division, U.S. Department of Justice.
6. DHS agrees to issue each of the Employer's E-Verify users a unique user identification number and password that permits them to log in to E-Verify.
7. DHS agrees to safeguard the information the Employer provides, and to limit access to such information to individuals responsible for the verification process, for evaluation of E-Verify, or to such other persons or entities as may be authorized by applicable law. Information will be used only to verify the accuracy of Social Security numbers and employment eligibility, to enforce the INA and Federal criminal laws, and to administer Federal contracting requirements.
8. DHS agrees to provide a means of automated verification that provides (in conjunction with SSA verification procedures) confirmation or tentative nonconfirmation of employees' employment eligibility within three Federal Government work days of the initial inquiry.
9. DHS agrees to provide a means of secondary verification (including updating DHS records) for employees who contest DHS tentative nonconfirmations and photo mismatch tentative nonconfirmations. This provides final confirmation or nonconfirmation of the employees' employment eligibility within 10 Federal Government work days of the date of referral to DHS, unless DHS determines that more than 10 days may be necessary. In such cases, DHS will provide additional verification instructions.

### **ARTICLE III**

#### **REFERRAL OF INDIVIDUALS TO SSA AND DHS**

##### **A. REFERRAL TO SSA**

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the notice as directed by E-Verify. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify

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case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.
3. After a tentative nonconfirmation, the Employer will refer employees to SSA field offices only as directed by E-Verify. The Employer must record the case verification number, review the employee information submitted to E-Verify to identify any errors, and find out whether the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security number, or any other corrected employee information that SSA requests, to SSA for verification again if this review indicates a need to do so.
4. The Employer will instruct the employee to visit an SSA office within eight Federal Government work days. SSA will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.
5. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.
6. The Employer agrees not to ask the employee to obtain a printout from the Social Security Administration number database (the Numident) or other written verification of the SSN from the SSA.

## **B. REFERRAL TO DHS**

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.
2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.
3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation.
4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will instruct the

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employee to contact DHS through its toll-free hotline (as found on the referral letter) within eight Federal Government work days.

5. If the Employer finds a photo mismatch, the Employer must provide the photo mismatch tentative nonconfirmation notice and follow the instructions outlined in paragraph 1 of this section for tentative nonconfirmations, generally.

6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo mismatch, the Employer will send a copy of the employee's Form I-551, Form I-766, U.S. Passport, or passport card to DHS for review by:

- a. Scanning and uploading the document, or
- b. Sending a photocopy of the document by express mail (furnished and paid for by the employer).

7. The Employer understands that if it cannot determine whether there is a photo match/mismatch, the Employer must forward the employee's documentation to DHS as described in the preceding paragraph. The Employer agrees to resolve the case as specified by the DHS representative who will determine the photo match or mismatch.

8. DHS will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

9. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

## **ARTICLE IV SERVICE PROVISIONS**

### **A. NO SERVICE FEES**

1. SSA and DHS will not charge the Employer for verification services performed under this MOU. The Employer is responsible for providing equipment needed to make inquiries. To access E-Verify, an Employer will need a personal computer with Internet access.

## **ARTICLE V MODIFICATION AND TERMINATION**

### **A. MODIFICATION**

1. This MOU is effective upon the signature of all parties and shall continue in effect for as long as the SSA and DHS operates the E-Verify program unless modified in writing by the mutual consent of all parties.

2. Any and all E-Verify system enhancements by DHS or SSA, including but not limited to E-Verify checking against additional data sources and instituting new verification policies or procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes.

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## **B. TERMINATION**

1. The Employer may terminate this MOU and its participation in E-Verify at any time upon 30 days prior written notice to the other parties.
2. Notwithstanding Article V, part A of this MOU, DHS may terminate this MOU, and thereby the Employer's participation in E-Verify, with or without notice at any time if deemed necessary because of the requirements of law or policy, or upon a determination by SSA or DHS that there has been a breach of system integrity or security by the Employer, or a failure on the part of the Employer to comply with established E-Verify procedures and/or legal requirements. The Employer understands that if it is a Federal contractor, termination of this MOU by any party for any reason may negatively affect the performance of its contractual responsibilities. Similarly, the Employer understands that if it is in a state where E-Verify is mandatory, termination of this by any party MOU may negatively affect the Employer's business.
3. An Employer that is a Federal contractor may terminate this MOU when the Federal contract that requires its participation in E-Verify is terminated or completed. In such cases, the Federal contractor must provide written notice to DHS. If an Employer that is a Federal contractor fails to provide such notice, then that Employer will remain an E-Verify participant, will remain bound by the terms of this MOU that apply to non-Federal contractor participants, and will be required to use the E-Verify procedures to verify the employment eligibility of all newly hired employees.
4. The Employer agrees that E-Verify is not liable for any losses, financial or otherwise, if the Employer is terminated from E-Verify.

## **ARTICLE VI PARTIES**

- A. Some or all SSA and DHS responsibilities under this MOU may be performed by contractor(s), and SSA and DHS may adjust verification responsibilities between each other as necessary. By separate agreement with DHS, SSA has agreed to perform its responsibilities as described in this MOU.
- B. Nothing in this MOU is intended, or should be construed, to create any right or benefit, substantive or procedural, enforceable at law by any third party against the United States, its agencies, officers, or employees, or against the Employer, its agents, officers, or employees.
- C. The Employer may not assign, directly or indirectly, whether by operation of law, change of control or merger, all or any part of its rights or obligations under this MOU without the prior written consent of DHS, which consent shall not be unreasonably withheld or delayed. Any attempt to sublicense, assign, or transfer any of the rights, duties, or obligations herein is void.
- D. Each party shall be solely responsible for defending any claim or action against it arising out of or related to E-Verify or this MOU, whether civil or criminal, and for any liability wherefrom, including (but not limited to) any dispute between the Employer and any other person or entity regarding the applicability of Section 403(d) of IIRIRA to any action taken or allegedly taken by the Employer.
- E. The Employer understands that its participation in E-Verify is not confidential information and may be disclosed as authorized or required by law and DHS or SSA policy, including but not limited to,



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Congressional oversight, E-Verify publicity and media inquiries, determinations of compliance with Federal contractual requirements, and responses to inquiries under the Freedom of Information Act (FOIA).

F. The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively. The Employer understands that any inaccurate statement, representation, data or other information provided to DHS may subject the Employer, its subcontractors, its employees, or its representatives to: (1) prosecution for false statements pursuant to 18 U.S.C. 1001 and/or; (2) immediate termination of its MOU and/or; (3) possible debarment or suspension.

G. The foregoing constitutes the full agreement on this subject between DHS and the Employer.

**To be accepted as an E-Verify participant, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 1-888-464-4218.**

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**Approved by:**

<b>Employer</b> Florida-Spectrum Environmental Services, Inc	
Name (Please Type or Print) Katherine Coral	Title
Signature Electronically Signed	Date 07/14/2011
<b>Department of Homeland Security – Verification Division</b>	
Name (Please Type or Print) USCIS Verification Division	Title
Signature Electronically Signed	Date 07/14/2011

Company ID Number: 431714

### Information Required for the E-Verify Program

#### Information relating to your Company:

Company Name	Florida-Spectrum Environmental Services, Inc
Company Facility Address	1460 West McNab Road Fort Lauderdale, FL 33309
Company Alternate Address	
County or Parish	BROWARD
Employer Identification Number	203973182
North American Industry Classification Systems Code	541
Parent Company	Spectrum Laboratories
Number of Employees	20 to 99
Number of Sites Verified for	2

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**Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:**

FLORIDA	1 site(s)
GEORGIA	1 site(s)

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**Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:**

Name	Katherine Coral
Phone Number	(954) 978 - 6400
Fax Number	(954) 978 - 3185
Email Address	k.coral@flenviro.com



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**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**15. NELAP CERTIFICATION & SCOPE**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

1460 W. MCNAB ROAD

FORT LAUDERDALE, FL 33309

PH: 954-978-6400 · FX: 954-978-2233

EMAIL: [M.ALEXANDER@FLENVIRO.COM](mailto:M.ALEXANDER@FLENVIRO.COM)



State of Florida  
Department of Health, Bureau of Public Health Laboratories  
This is to certify that



E86006

FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.  
1460 WEST MCNAB ROAD  
FT. LAUDERDALE, FL 33309

has complied with Florida Administrative Code 64E-1,  
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - MICROBIOLOGY, DRINKING WATER - OTHER REGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - RADIOCHEMISTRY, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - RADIOCHEMISTRY, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - MICROBIOLOGY, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2021      Expiration Date: June 30, 2022



Patty A. Lewandowski, MBA, MT(ASCP)  
Chief Bureau of Public Health Laboratories  
DH Form 1697, 7/04

NON-TRANSFERABLE E86006-43-07/01/2021  
Supersedes all previously issued certificates



## Laboratory Scope of Accreditation

Attachment to Certificate #: E86006-43, expiration date June 30, 2022. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E86006

EPA Lab Code:

FL00095

(954) 978-6400

**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,1,1-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,1,2,2-Tetrachloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,1,2-Trichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,1-Dichloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,1-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,1-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,2,3-Trichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
1,2,3-Trichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,2,4-Trichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,2,4-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	Synthetic Organic Contaminants	NELAP	10/14/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	Synthetic Organic Contaminants	NELAP	10/14/2002
1,2-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,2-Dichloroethane	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,2-Dichloropropane	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
1,3,5-Trimethylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
1,3-Dichlorobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,3-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
1,4-Dichlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
2,2-Dichloropropane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
2,4,5-T	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/19/2014
2,4-D	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2002
2,4-DB	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/19/2014
2-Butanone (Methyl ethyl ketone, MEK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
2-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
2-Hexanone	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
3-Hydroxycarbofuran	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
4-Chlorotoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
4-Methyl-2-pentanone (MIBK)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Acetone	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Acifluorfen	EPA 515.3	Group I Unregulated Contaminants	NELAP	5/19/2014
Alachlor	EPA 525.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Aldicarb (Temik)	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
Aldicarb sulfone	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
Aldicarb sulfoxide	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008

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**Issue Date: 7/1/2021**

**Expiration Date: 6/30/2022**



## Laboratory Scope of Accreditation

Attachment to Certificate #: E86006-43, expiration date June 30, 2022. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E86006

EPA Lab Code:

FL00095

(954) 978-6400

**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aldrin	EPA 508	Group I Unregulated Contaminants	NELAP	10/14/2002
Alkalinity as CaCO <sub>3</sub>	SM 2320 B	Primary Inorganic Contaminants	NELAP	9/20/2011
Aluminum	EPA 200.7	Secondary Inorganic Contaminants	NELAP	10/11/2004
Antimony	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Arsenic	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Atrazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Barium	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/14/2002
Barium	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Benzene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Benzo(a)pyrene	EPA 525.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Beryllium	EPA 200.7	Primary Inorganic Contaminants	NELAP	5/19/2014
Beryllium	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Boron	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/5/2007
Bromide	EPA 300.0	Primary Inorganic Contaminants	NELAP	5/19/2014
Bromoacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	10/14/2002
Bromobenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Bromochloromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Bromodichloromethane	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	10/14/2002
Bromoform	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	10/14/2002
Cadmium	EPA 200.7	Primary Inorganic Contaminants	NELAP	9/20/2011
Cadmium	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Calcium	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/14/2002
Carbaryl (Sevin)	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
Carbofuran (Furadan)	EPA 531.1	Synthetic Organic Contaminants	NELAP	12/29/2008
Carbon disulfide	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Carbon tetrachloride	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Chlordane (tech.)	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Chloride	EPA 300.0	Secondary Inorganic Contaminants	NELAP	10/14/2002
Chloride	SM 4500 Cl <sup>-</sup> B	Secondary Inorganic Contaminants	NELAP	1/15/2010
Chloride	SM 4500 Cl <sup>-</sup> E	Secondary Inorganic Contaminants	NELAP	5/19/2014
Chloroacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	10/14/2002
Chlorobenzene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002

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**Matrix: Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chloroethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Chloroform	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	10/14/2002
Chromium	EPA 200.7	Primary Inorganic Contaminants	NELAP	8/3/2007
Chromium	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	Secondary Inorganic Contaminants	NELAP	5/19/2014
cis-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
cis-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/11/2004
Color	SM 2120 B	Secondary Inorganic Contaminants	NELAP	10/14/2002
Conductivity	EPA 120.1	Primary Inorganic Contaminants	NELAP	5/19/2014
Copper	EPA 200.7	Primary Inorganic Contaminants	NELAP	8/3/2007
Copper	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Cyanide	SM 4500-CN E	Primary Inorganic Contaminants	NELAP	12/3/2002
Dalapon	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2002
Di(2-ethylhexyl) phthalate (DEHP)	EPA 525.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Di(2-ethylhexyl)adipate	EPA 525.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Dibromoacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	10/14/2002
Dibromochloromethane	EPA 524.2	Other Regulated Contaminants, Group II Unregulated Contaminants	NELAP	10/14/2002
Dibromomethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Dicamba	EPA 515.3	Group I Unregulated Contaminants	NELAP	10/14/2002
Dichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	10/14/2002
Dichlorodifluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Dieldrin	EPA 508	Group I Unregulated Contaminants	NELAP	10/14/2002
Diethyl ether	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2002
Diquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	11/7/2008
Endothall	EPA 548.1	Synthetic Organic Contaminants	NELAP	1/15/2010
Endrin	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Escherichia coli	SM 9223 B	Microbiology	NELAP	10/14/2002
Ethyl methacrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Ethylbenzene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Fluoride	EPA 300.0	Secondary Inorganic Contaminants, Primary Inorganic Contaminants	NELAP	10/14/2002
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Glyphosate	EPA 547	Synthetic Organic Contaminants	NELAP	12/29/2008
Gross Alpha	EPA 900.0	Radiochemistry	NELAP	5/19/2014
Gross Beta	EPA 900.0	Radiochemistry	NELAP	5/19/2014
Hardness (calc.)	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/16/2018
Heptachlor	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Heptachlor epoxide	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Heterotrophic plate count	SM 9215 B	Microbiology	NELAP	10/14/2002
Hexachlorobenzene	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Hexachlorobutadiene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Hexachlorocyclopentadiene	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Iron	EPA 200.7	Secondary Inorganic Contaminants	NELAP	12/3/2002
Isopropylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Lead	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Magnesium	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/14/2002
Manganese	EPA 200.7	Secondary Inorganic Contaminants	NELAP	8/3/2007
Manganese	EPA 200.8	Secondary Inorganic Contaminants	NELAP	10/14/2002
Mercury	EPA 200.8	Primary Inorganic Contaminants	NELAP	11/4/2016
Mercury	EPA 245.1	Primary Inorganic Contaminants	NELAP	10/14/2002
Methacrylonitrile	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Methiocarb (Mesurol)	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
Methomyl (Lannate)	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
Methoxychlor	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Methyl acrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Methyl bromide (Bromomethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Methyl chloride (Chloromethane)	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Methyl methacrylate	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Methyl tert-butyl ether (MTBE)	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Methylene chloride	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Molybdenum	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/5/2007
Molybdenum	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/19/2014
Naphthalene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
n-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Nickel	EPA 200.7	Primary Inorganic Contaminants	NELAP	8/3/2007

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**Matrix: Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Nickel	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Nitrate	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/14/2002
Nitrate	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	5/19/2014
Nitrate-nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	5/19/2014
Nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/14/2002
Nitrite	SM 4500-NO2-B	Primary Inorganic Contaminants	NELAP	1/15/2010
Nitrite	SM 4500-NO3 F	Primary Inorganic Contaminants	NELAP	5/19/2014
n-Propylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Odor	SM 2150 B	Secondary Inorganic Contaminants	NELAP	10/14/2002
Orthophosphate as P	EPA 300.0	Primary Inorganic Contaminants	NELAP	1/15/2010
Orthophosphate as P	SM 4500-P F	Primary Inorganic Contaminants	NELAP	5/19/2014
Oxamyl	EPA 531.1	Synthetic Organic Contaminants	NELAP	12/29/2008
Paraquat	EPA 549.2	Synthetic Organic Contaminants	NELAP	1/15/2010
PCBs	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
Pentachlorophenol	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2002
pH	SM 4500-H+-B	Primary Inorganic Contaminants	NELAP	5/19/2014
Picloram	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2002
p-Isopropyltoluene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Potassium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/5/2007
Propachlor (Ramrod)	EPA 508	Group I Unregulated Contaminants	NELAP	10/14/2002
Propoxur (Baygon)	EPA 531.1	Group I Unregulated Contaminants	NELAP	12/29/2008
Residue-filterable (TDS)	SM 2540 C	Secondary Inorganic Contaminants	NELAP	5/19/2014
sec-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Selenium	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Silicon	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/14/2002
Silver	EPA 200.7	Secondary Inorganic Contaminants	NELAP	12/29/2008
Silver	EPA 200.8	Secondary Inorganic Contaminants	NELAP	10/14/2002
Silvex (2,4,5-TP)	EPA 515.3	Synthetic Organic Contaminants	NELAP	10/14/2002
Simazine	EPA 525.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Sodium	EPA 200.7	Primary Inorganic Contaminants	NELAP	10/14/2002
Styrene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Sulfate	EPA 300.0	Secondary Inorganic Contaminants	NELAP	10/14/2002
Sulfate	EPA 375.4	Secondary Inorganic Contaminants	NELAP	1/15/2010
Surfactants - MBAS	SM 5540 C	Secondary Inorganic Contaminants	NELAP	10/14/2002
tert-Butylbenzene	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Tetrachloroethylene (Perchloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002

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1460 West McNab Road

Ft. Lauderdale, FL 33309

**Matrix: Drinking Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Tetrahydrofuran (THF)	EPA 524.2	Group II Unregulated Contaminants	NELAP	5/19/2014
Thallium	EPA 200.8	Primary Inorganic Contaminants	NELAP	10/14/2002
Toluene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Total coliforms	SM 9223 B	Microbiology	NELAP	10/14/2002
Total haloacetic acids (HAA5)	EPA 552.2	Synthetic Organic Contaminants	NELAP	10/14/2002
Total nitrate-nitrite	EPA 300.0	Primary Inorganic Contaminants	NELAP	10/14/2002
Total organic carbon	SM 5310 C	Primary Inorganic Contaminants	NELAP	10/11/2004
Total trihalomethanes	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Toxaphene (Chlorinated camphene)	EPA 508	Synthetic Organic Contaminants	NELAP	10/14/2002
trans-1,2-Dichloroethylene	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
trans-1,3-Dichloropropene	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/11/2004
Trichloroacetic acid	EPA 552.2	Group I Unregulated Contaminants, Synthetic Organic Contaminants	NELAP	10/14/2002
Trichloroethene (Trichloroethylene)	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Trichlorofluoromethane	EPA 524.2	Group II Unregulated Contaminants	NELAP	10/14/2002
Trifluralin (Treflan)	EPA 508	Group I Unregulated Contaminants	NELAP	5/19/2014
Turbidity	EPA 180.1	Secondary Inorganic Contaminants	NELAP	10/14/2002
Uranium (mass)	EPA 200.8	Radiochemistry	NELAP	2/5/2007
Vanadium	EPA 200.7	Primary Inorganic Contaminants	NELAP	2/5/2007
Vanadium	EPA 200.8	Secondary Inorganic Contaminants	NELAP	5/19/2014
Vinyl chloride	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Xylene (total)	EPA 524.2	Other Regulated Contaminants	NELAP	10/14/2002
Zinc	EPA 200.7	Secondary Inorganic Contaminants	NELAP	10/14/2002
Zinc	EPA 200.8	Secondary Inorganic Contaminants	NELAP	10/14/2002

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## Laboratory Scope of Accreditation

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**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,1-Trichloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,2,2-Tetrachloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1,2-Trichloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloroethylene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,3-Trichloropropane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,4,5-Tetrachlorobenzene	EPA 8270	Extractable Organics	NELAP	1/15/2010
1,2,4-Trichlorobenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,2,4-Trichlorobenzene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/5/2007
1,2,4-Trimethylbenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	Volatile Organics	NELAP	1/15/2010
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	Volatile Organics	NELAP	1/15/2010
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,2-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	10/14/2002
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/5/2007
1,2-Dichloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dichloropropane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,2-Dinitrobenzene	EPA 8270	Extractable Organics	NELAP	5/19/2014

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**E86006**

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**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,2-Diphenylhydrazine	EPA 8270	Extractable Organics	NELAP	2/5/2007
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	Extractable Organics	NELAP	5/19/2014
1,3-Dichlorobenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,3-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	10/14/2002
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	10/11/2004
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/5/2007
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	Extractable Organics	NELAP	5/19/2014
1,4-Dichlorobenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
1,4-Dichlorobenzene	EPA 625	Extractable Organics	NELAP	10/14/2002
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	2/5/2007
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260	Volatile Organics	NELAP	1/15/2010
1,4-Naphthoquinone	EPA 8270	Extractable Organics	NELAP	1/15/2010
1,4-Phenylenediamine	EPA 8270	Extractable Organics	NELAP	11/4/2020
1-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	12/29/2008
1-Naphthylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	7/1/2003
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,3,4,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,3-Dichloroaniline	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
2,4,5-Trichlorophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,4,6-Trichlorophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,4,6-Trinitrotoluene (2,4,6-TNT)	EPA 8270	Extractable Organics	NELAP	5/19/2014
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
2,4-Dichlorophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,4-Dimethylphenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	2/5/2007

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**Issue Date: 7/1/2021**

**Expiration Date: 6/30/2022**



## Laboratory Scope of Accreditation

Attachment to Certificate #: E86006-43, expiration date June 30, 2022. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E86006

EPA Lab Code:

FL00095

(954) 978-6400

**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,4-Dinitrophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,6-Dichlorophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,6-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Acetylaminofluorene	EPA 8270	Extractable Organics	NELAP	1/15/2010
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Chloroethyl vinyl ether	EPA 624.1	Volatile Organics	NELAP	11/13/2017
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	12/29/2008
2-Chloronaphthalene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Chlorophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Hexanone	EPA 624.1	Volatile Organics	NELAP	11/13/2017
2-Hexanone	EPA 8260	Volatile Organics	NELAP	7/1/2003
2-Methyl-4,6-dinitrophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Methylnaphthalene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Methylphenol (o-Cresol)	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Naphthylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
2-Nitroaniline	EPA 625.1	Extractable Organics	NELAP	10/16/2018
2-Nitroaniline	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Nitrophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
2-Picoline (2-Methylpyridine)	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,3'-Dichlorobenzidine	EPA 625.1	Extractable Organics	NELAP	11/13/2017
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,3'-Dimethoxybenzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,3'-Dimethylbenzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,5-Dichlorobenzoic acid	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
3/4-Methylphenols (m/p-Cresols)	EPA 625.1	Extractable Organics	NELAP	11/13/2017
3/4-Methylphenols (m/p-Cresols)	EPA 8270	Extractable Organics	NELAP	2/5/2007
3-Methylcholanthrene	EPA 8270	Extractable Organics	NELAP	1/15/2010
3-Nitroaniline	EPA 8270	Extractable Organics	NELAP	2/5/2007
4,4'-DDD	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
4,4'-DDE	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4,4'-DDT	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
4-Aminobiphenyl	EPA 8270	Extractable Organics	NELAP	1/15/2010
4-Bromophenyl phenyl ether	EPA 625.1	Extractable Organics	NELAP	11/13/2017
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	2/5/2007
4-Chloro-3-methylphenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
4-Chloroaniline	EPA 8270	Extractable Organics	NELAP	2/5/2007
4-Chlorophenyl phenylether	EPA 625.1	Extractable Organics	NELAP	11/13/2017
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	2/5/2007
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
4-Dimethyl aminoazobenzene	EPA 8270	Extractable Organics	NELAP	1/15/2010
4-Methyl-2-pentanone (MIBK)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	7/1/2003
4-Nitroaniline	EPA 8270	Extractable Organics	NELAP	2/5/2007
4-Nitrophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
4-Nitroquinoline 1-oxide	EPA 8270	Extractable Organics	NELAP	1/15/2010
5-Nitro-o-toluidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
7,12-Dimethylbenz(a) anthracene	EPA 8270	Extractable Organics	NELAP	1/15/2010
a,a-Dimethylphenethylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Acenaphthene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Acenaphthene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Acenaphthylene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Acetone	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Acetone	EPA 8260	Volatile Organics	NELAP	10/11/2004
Acetonitrile	EPA 8260	Volatile Organics	NELAP	1/15/2010

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

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**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Acetophenone	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Acetophenone	EPA 8270	Extractable Organics	NELAP	1/15/2010
Acifluorfen	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Acrolein (Propenal)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Acrylonitrile	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	7/1/2003
Aldrin	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Alkalinity as CaCO <sub>3</sub>	EPA 310.2	General Chemistry	NELAP	5/19/2014
Alkalinity as CaCO <sub>3</sub>	SM 2320 B	General Chemistry	NELAP	5/15/2007
Allyl chloride (3-Chloropropene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
alpha-Terpineol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Aluminum	EPA 200.7	Metals	NELAP	10/14/2002
Aluminum	EPA 6010	Metals	NELAP	1/15/2010
Amenable cyanide	SM 4500-CN- G	General Chemistry	NELAP	10/16/2018
Ammonia as N	EPA 350.1	General Chemistry	NELAP	10/14/2002
Aniline	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Aniline	EPA 8270	Extractable Organics	NELAP	1/15/2010
Anthracene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Anthracene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Antimony	EPA 200.7	Metals	NELAP	10/14/2002
Antimony	EPA 200.8	Metals	NELAP	10/14/2002
Antimony	EPA 6010	Metals	NELAP	7/1/2003
Aroclor-1016 (PCB-1016)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1221 (PCB-1221)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1232 (PCB-1232)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1242 (PCB-1242)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1248 (PCB-1248)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	8/3/2007

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FL00095

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aroclor-1254 (PCB-1254)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Aroclor-1260 (PCB-1260)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Arsenic	EPA 200.7	Metals	NELAP	10/14/2002
Arsenic	EPA 200.8	Metals	NELAP	10/14/2002
Arsenic	EPA 6010	Metals	NELAP	7/1/2003
Aspon	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Atrazine	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Azinphos-ethyl (Ethyl guthion)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Azinphos-methyl (Guthion)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Barium	EPA 200.7	Metals	NELAP	3/7/2003
Barium	EPA 200.8	Metals	NELAP	10/11/2004
Barium	EPA 6010	Metals	NELAP	3/7/2003
Bentazon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Benzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Benzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Benzidine	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Benzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Benzo(a)anthracene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Benzo(a)pyrene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Benzo(b)fluoranthene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Benzo(g,h,i)perylene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Benzo(k)fluoranthene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Benzyl alcohol	EPA 625.1	Extractable Organics	NELAP	10/16/2018
Benzyl alcohol	EPA 8270	Extractable Organics	NELAP	1/15/2010
Beryllium	EPA 200.7	Metals	NELAP	10/14/2002
Beryllium	EPA 200.8	Metals	NELAP	10/14/2002
Beryllium	EPA 6010	Metals	NELAP	7/1/2003
beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003

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**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Biochemical oxygen demand	SM 5210 B	General Chemistry	NELAP	5/15/2007
Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270	Extractable Organics	NELAP	5/19/2014
bis(2-Chloroethoxy)methane	EPA 625.1	Extractable Organics	NELAP	11/13/2017
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	2/5/2007
bis(2-Chloroethyl) ether	EPA 625.1	Extractable Organics	NELAP	11/13/2017
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	2/5/2007
Bismuth	FSE-ICP / ICP-AES	Metals	NELAP	1/15/2010
Bolstar (Sulprofos)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Boron	EPA 200.7	Metals	NELAP	10/14/2002
Boron	EPA 6010	Metals	NELAP	1/15/2010
Bromacil	EPA 8321	Pesticides-Herbicides-PCB's	NELAP	9/20/2011
Bromide	EPA 300.0	General Chemistry	NELAP	10/14/2002
Bromobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromodichloromethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Bromoform	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Bromoform	EPA 8260	Volatile Organics	NELAP	7/1/2003
Butyl benzyl phthalate	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	2/5/2007
Cadmium	EPA 200.7	Metals	NELAP	10/14/2002
Cadmium	EPA 200.8	Metals	NELAP	10/14/2002
Cadmium	EPA 6010	Metals	NELAP	10/14/2002
Calcium	EPA 200.7	Metals	NELAP	10/14/2002
Calcium	EPA 6010	Metals	NELAP	1/15/2010
Carbazole	EPA 625.1	Extractable Organics	NELAP	10/16/2018
Carbazole	EPA 8270	Extractable Organics	NELAP	2/5/2007
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	2/5/2007
Carbon tetrachloride	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Carbonaceous BOD (CBOD)	SM 5210 B	General Chemistry	NELAP	12/3/2002
Carbophenothion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Chemical oxygen demand	EPA 410.4	General Chemistry	NELAP	10/14/2002
Chemical oxygen demand	SM 5220 D	General Chemistry	NELAP	9/20/2011
Chloramben	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Chlordane (tech.)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017

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**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
Chlorfenvinphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Chloride	EPA 300.0	General Chemistry	NELAP	10/14/2002
Chloride	SM 4500 Cl- B	General Chemistry	NELAP	10/11/2004
Chloride	SM 4500-Cl- E	General Chemistry	NELAP	5/19/2014
Chlorobenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chlorobenzilate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Chlorobenzilate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Chloroethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Chloroethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chloroform	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Chloroform	EPA 8260	Volatile Organics	NELAP	7/1/2003
Chloroneb	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Chloroprene	EPA 8260	Volatile Organics	NELAP	1/15/2010
Chloropropylate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Chlorpyrifos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Chlorpyrifos methyl	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Chlorthalonil (Daconil)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Chromium	EPA 200.7	Metals	NELAP	10/14/2002
Chromium	EPA 200.8	Metals	NELAP	10/14/2002
Chromium	EPA 6010	Metals	NELAP	7/1/2003
Chromium VI	SM 3500-Cr B (20th/21st/22nd Ed.)/UV-VIS	General Chemistry	NELAP	5/19/2014
Chrysene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Chrysene	EPA 8270	Extractable Organics	NELAP	2/5/2007
cis-1,2-Dichloroethylene	EPA 624.1	Volatile Organics	NELAP	10/16/2018
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
cis-1,3-Dichloropropene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Cobalt	EPA 200.7	Metals	NELAP	10/14/2002
Cobalt	EPA 200.8	Metals	NELAP	10/14/2002
Cobalt	EPA 6010	Metals	NELAP	7/1/2003
Color	SM 2120 B	General Chemistry	NELAP	5/19/2014
Conductivity	EPA 120.1	General Chemistry	NELAP	10/14/2002
Copper	EPA 200.7	Metals	NELAP	10/14/2002

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Issue Date: 7/1/2021

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## Laboratory Scope of Accreditation

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State Laboratory ID: E86006

EPA Lab Code:

FL00095

(954) 978-6400

**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Copper	EPA 200.8	Metals	NELAP	10/14/2002
Copper	EPA 6010	Metals	NELAP	10/14/2002
Coumaphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Crotoxyphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dacthal (DCPA)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Dacthal (DCPA)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
delta-BHC	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Demeton-o	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Demeton-s	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Di(2-ethylhexyl) phthalate (DEHP)	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	2/5/2007
Diallate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Diazinon	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Dibenz(a,h)anthracene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Dibenzofuran	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	2/5/2007
Dibromochloromethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dibromomethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Dibromomethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Dichlone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Dichlorodifluoromethane	EPA 624.1	Volatile Organics	NELAP	10/16/2018
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Dichlorofenthion	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Dichlorovos (DDVP, Dichlorvos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dicofol	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Dicrotophos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dieldrin	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Diethyl phthalate	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	2/5/2007

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**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dimethoate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dimethyl phthalate	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	2/5/2007
Di-n-butyl phthalate	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	2/5/2007
Di-n-octyl phthalate	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	2/5/2007
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Dioxathion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Disulfoton	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Diuron	EPA 8321	Pesticides-Herbicides-PCB's	NELAP	9/20/2011
Endosulfan I	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Endosulfan II	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endosulfan sulfate	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Endrin	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Endrin aldehyde	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Endrin ketone	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Enterococci	EPA 1600	Microbiology	NELAP	2/5/2007
EPN	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Escherichia coli	EPA 1603	Microbiology	NELAP	10/16/2018
Ethion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Ethoprop	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Ethyl acetate	EPA 1666	Volatile Organics	NELAP	11/4/2016
Ethyl acetate	EPA 8260	Volatile Organics	NELAP	1/15/2010
Ethyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/1/2003
Ethyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	1/15/2010
Ethylbenzene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Etridiazole	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014

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**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Famphur	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Fecal coliforms	SM 9222 D	Microbiology	NELAP	10/14/2002
Fecal streptococci	SM 9230 C	Microbiology	NELAP	10/14/2002
Fenitrothion	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Fensulfthion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Fenthion	EPA 8270	Extractable Organics	NELAP	2/5/2007
Fluoranthene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Fluoranthene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Fluorene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Fluorene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Fluoride	EPA 300.0	General Chemistry	NELAP	10/14/2002
Fonophos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Gross Alpha	EPA 900.0	Radiochemistry	NELAP	5/19/2014
Gross Beta	EPA 900.0	Radiochemistry	NELAP	5/19/2014
Hardness (calc.)	EPA 200.7	Metals	NELAP	10/14/2002
Heptachlor	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Heptachlor epoxide	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	7/1/2003
Hexachlorobenzene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Hexachlorobutadiene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Hexachlorobutadiene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Hexachlorocyclopentadiene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Hexachloroethane	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	2/5/2007
Hexachloropropene	EPA 8270	Extractable Organics	NELAP	1/15/2010
Hexamethylphosphoramide (HMPA)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Ignitability	EPA 1010	General Chemistry	NELAP	7/1/2003
Indeno(1,2,3-cd)pyrene	EPA 625.1	Extractable Organics	NELAP	11/13/2017

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**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Iron	EPA 200.7	Metals	NELAP	10/14/2002
Iron	EPA 6010	Metals	NELAP	1/15/2010
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	Volatile Organics	NELAP	1/15/2010
Isodrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Isodrin	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Isophorone	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Isophorone	EPA 8270	Extractable Organics	NELAP	2/5/2007
Isopropyl acetate	EPA 1666	Volatile Organics	NELAP	11/4/2016
Isopropyl acetate	FSE-VOC / GC-MS	Volatile Organics	NELAP	1/15/2010
Isopropyl alcohol (2-Propanol)	EPA 8260	Volatile Organics	NELAP	1/15/2010
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Isosafrole	EPA 8270	Extractable Organics	NELAP	1/15/2010
Kepone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Kjeldahl nitrogen - total	EPA 351.2	General Chemistry	NELAP	10/14/2002
Lead	EPA 200.7	Metals	NELAP	10/14/2002
Lead	EPA 200.8	Metals	NELAP	10/14/2002
Lead	EPA 6010	Metals	NELAP	10/14/2002
Leptophos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Lithium	EPA 200.7	Metals	NELAP	1/15/2010
m+p-Xylenes	EPA 624.1	Volatile Organics	NELAP	10/16/2018
m+p-Xylenes	EPA 8260	Volatile Organics	NELAP	5/19/2014
Magnesium	EPA 200.7	Metals	NELAP	10/14/2002
Magnesium	EPA 6010	Metals	NELAP	1/15/2010
Malathion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Manganese	EPA 200.7	Metals	NELAP	10/14/2002
Manganese	EPA 200.8	Metals	NELAP	10/14/2002
Manganese	EPA 6010	Metals	NELAP	7/1/2003
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Mercury	EPA 200.8	Metals	NELAP	11/4/2016
Mercury	EPA 245.1	Metals	NELAP	10/14/2002
Mercury	EPA 7470	Metals	NELAP	10/16/2018
Merphos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Methacrylonitrile	EPA 8260	Volatile Organics	NELAP	7/1/2003

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Methapyrilene	EPA 8270	Extractable Organics	NELAP	1/15/2010
Methoxychlor	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	10/11/2004
Methyl acetate	FSE-VOC / GC-MS	Volatile Organics	NELAP	1/15/2010
Methyl bromide (Bromomethane)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl chloride (Chloromethane)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl methacrylate	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	1/15/2010
Methyl parathion (Parathion, methyl)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Methyl tert-butyl ether (MTBE)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Methylene chloride	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Methylene chloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Mevinphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Mirex	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	9/20/2011
Molinate	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Molybdenum	EPA 200.7	Metals	NELAP	10/14/2002
Molybdenum	EPA 200.8	Metals	NELAP	10/14/2002
Molybdenum	EPA 6010	Metals	NELAP	10/14/2002
Monocrotophos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Naled	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
n-Amyl acetate	EPA 1666	Volatile Organics	NELAP	11/4/2016
n-Amyl acetate	FSE-VOC / GC-MS	Volatile Organics	NELAP	1/15/2010
Naphthalene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Naphthalene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Naphthalene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Naphthalene	EPA 8270	Extractable Organics	NELAP	2/5/2007
n-Butyl Acetate	EPA 1666	Volatile Organics	NELAP	11/4/2016
n-Butyl alcohol	EPA 8260	Volatile Organics	NELAP	1/15/2010
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
n-Decane	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Nickel	EPA 200.7	Metals	NELAP	10/14/2002
Nickel	EPA 200.8	Metals	NELAP	10/14/2002
Nickel	EPA 6010	Metals	NELAP	10/14/2002

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Nitrate	SM 4500-NO3 F	General Chemistry	NELAP	1/15/2010
Nitrate as N	EPA 300.0	General Chemistry	NELAP	10/14/2002
Nitrate-nitrite	EPA 300.0	General Chemistry	NELAP	10/14/2002
Nitrate-nitrite	SM 4500-NO3 F	General Chemistry	NELAP	3/1/2010
Nitrite	SM 4500-NO3 F	General Chemistry	NELAP	1/15/2010
Nitrite as N	EPA 300.0	General Chemistry	NELAP	10/14/2002
Nitrite as N	SM 4500-NO2-B	General Chemistry	NELAP	1/15/2010
Nitrobenzene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Nitrofen	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
n-Nitrosodiethylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosodimethylamine	EPA 625.1	Extractable Organics	NELAP	11/13/2017
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	2/5/2007
n-Nitroso-di-n-butylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosodi-n-propylamine	EPA 625.1	Extractable Organics	NELAP	11/13/2017
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	2/5/2007
n-Nitrosodiphenylamine	EPA 625.1	Extractable Organics	NELAP	11/13/2017
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	2/5/2007
n-Nitrosomethylethylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosomorpholine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosopiperidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosopyrrolidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Octadecane	EPA 625.1	Extractable Organics	NELAP	11/13/2017
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
o,o,o-Triethyl phosphorothioate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Oil & Grease	EPA 1664A	General Chemistry	NELAP	10/11/2004
Organic nitrogen	TKN minus AMMONIA	General Chemistry	NELAP	2/5/2007
Orthophosphate as P	EPA 300.0	General Chemistry	NELAP	2/5/2007
Orthophosphate as P	EPA 365.1	General Chemistry	NELAP	12/29/2008
Orthophosphate as P	SM 4500-P F	General Chemistry	NELAP	1/15/2010
o-Toluidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
o-Xylene	EPA 624.1	Volatile Organics	NELAP	10/16/2018
o-Xylene	EPA 8260	Volatile Organics	NELAP	5/19/2014
Parathion, ethyl	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Pebulate	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Pentachlorobenzene	EPA 8270	Extractable Organics	NELAP	1/15/2010

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

**1460 West McNab Road**

**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Pentachloroethane	EPA 8260	Volatile Organics	NELAP	1/15/2010
Pentachloronitrobenzene (Quintozone)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Pentachloronitrobenzene (Quintozone)	EPA 8270	Extractable Organics	NELAP	1/15/2010
Pentachlorophenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Pentachlorophenol	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	11/4/2016
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
Permethrins (total)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
pH	SM 4500-H+-B	General Chemistry	NELAP	5/15/2007
Phenacetin	EPA 8270	Extractable Organics	NELAP	1/15/2010
Phenanthrene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Phenanthrene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Phenol	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Phenol	EPA 8270	Extractable Organics	NELAP	2/5/2007
Phorate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Phosmet (Imidan)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Phosphamidon	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Phosphorus, total	EPA 365.1	General Chemistry	NELAP	12/29/2008
Phosphorus, total	EPA 365.4	General Chemistry	NELAP	10/14/2002
Phosphorus, total	SM 4500-P F	General Chemistry	NELAP	1/15/2010
Picloram	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Potassium	EPA 200.7	Metals	NELAP	10/14/2002
Potassium	EPA 6010	Metals	NELAP	10/14/2002
Pronamide (Kerb)	EPA 8270	Extractable Organics	NELAP	1/15/2010
Propachlor (Ramrod)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Propionitrile (Ethyl cyanide)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Pseudomonas aeruginosa	SM 9213 E/MF-QN	Microbiology	NELAP	5/19/2014
Pyrene	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Pyrene	EPA 8270	Extractable Organics	NELAP	2/5/2007
Pyridine	EPA 625.1	Extractable Organics	NELAP	11/13/2017
Pyridine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Residue-filterable (TDS)	SM 2540 C	General Chemistry	NELAP	5/15/2007
Residue-nonfilterable (TSS)	SM 2540 D	General Chemistry	NELAP	5/15/2007
Residue-total	SM 2540 B	General Chemistry	NELAP	5/15/2007
Residue-volatile	SM 2540 E	General Chemistry	NELAP	12/22/2010
Residue-volatile	SM 2540 G	General Chemistry	NELAP	9/20/2011

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**Issue Date: 7/1/2021**

**Expiration Date: 6/30/2022**





## Laboratory Scope of Accreditation

Attachment to Certificate #: E86006-43, expiration date June 30, 2022. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E86006

EPA Lab Code:

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

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**Ft. Lauderdale, FL 33309**

**Matrix: Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Ronnel	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Safrole	EPA 8270	Extractable Organics	NELAP	1/15/2010
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Selenium	EPA 200.7	Metals	NELAP	10/14/2002
Selenium	EPA 200.8	Metals	NELAP	10/14/2002
Selenium	EPA 6010	Metals	NELAP	10/14/2002
Silica as SiO <sub>2</sub>	SM 4500-SiO <sub>2</sub> C (20th/21st Ed.)/UV-VIS	General Chemistry	NELAP	5/15/2007
Silicon	EPA 200.7	Metals	NELAP	10/14/2002
Silicon	EPA 6010	Metals	NELAP	1/15/2010
Silver	EPA 200.7	Metals	NELAP	10/14/2002
Silver	EPA 200.8	Metals	NELAP	10/14/2002
Silver	EPA 6010	Metals	NELAP	7/1/2003
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Simazine	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Sodium	EPA 200.7	Metals	NELAP	10/14/2002
Sodium	EPA 6010	Metals	NELAP	7/1/2003
Strontium	EPA 200.7	Metals	NELAP	1/15/2010
Strontium	EPA 200.8	Metals	NELAP	11/4/2016
Strontium	EPA 6010	Metals	NELAP	7/1/2003
Strychnine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Styrene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Styrene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Sulfate	EPA 300.0	General Chemistry	NELAP	10/14/2002
Sulfate	EPA 375.4	General Chemistry	NELAP	1/15/2010
Sulfide	SM 4500-S D/UV-VIS	General Chemistry	NELAP	5/19/2014
Sulfotep	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Surfactants - MBAS	SM 5540 C	General Chemistry	NELAP	5/15/2007
Terbufos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Terbufos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260	Volatile Organics	NELAP	1/15/2010
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Tetrachloroethylene (Perchloroethylene)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Tetrachlorvinphos (Stirophos, Gardona)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Tetraethyl pyrophosphate (TEPP)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Thallium	EPA 200.7	Metals	NELAP	2/5/2007

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Analyte	Method/Tech	Category	Certification Type	Effective Date
Thallium	EPA 200.8	Metals	NELAP	10/14/2002
Thallium	EPA 6010	Metals	NELAP	1/15/2010
Thionazin (Zinophos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Thorium	EPA 200.8	Metals	NELAP	1/15/2010
Tin	EPA 200.7	Metals	NELAP	3/7/2003
Tin	EPA 6010	Metals	NELAP	1/15/2010
Titanium	EPA 200.7	Metals	NELAP	10/14/2002
Titanium	EPA 6010	Metals	NELAP	1/15/2010
Tokuthion (Prothiophos)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Toluene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Toluene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Total coliforms	SM 9222 B	Microbiology	NELAP	10/14/2002
Total cyanide	EPA 335.4	General Chemistry	NELAP	9/4/2008
Total cyanide	SM 4500-CN E	General Chemistry	NELAP	5/19/2014
Total Nitrogen	TKN + Total Nitrate-Nitrite	General Chemistry	NELAP	5/19/2014
Total organic carbon	SM 5310 C	General Chemistry	NELAP	10/14/2002
Total Petroleum Hydrocarbons (TPH)	EPA 1664A	General Chemistry	NELAP	10/14/2002
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Extractable Organics	NELAP	7/1/2003
Total phenolics	EPA 420.4	General Chemistry	NELAP	5/15/2007
Toxaphene (Chlorinated camphene)	EPA 608.3	Pesticides-Herbicides-PCB's	NELAP	11/13/2017
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
trans-1,2-Dichloroethylene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	7/1/2003
trans-1,3-Dichloropropene	EPA 624.1	Volatile Organics	NELAP	11/13/2017
trans-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	7/1/2003
trans-1,4-Dichloro-2-butene	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichloroethene (Trichloroethylene)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichlorofluoromethane	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	7/1/2003
Trichloronate	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Tri-o-cresylphosphate (TOCP)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Turbidity	EPA 180.1	General Chemistry	NELAP	10/14/2002
Un-Ionized Ammonia	DEP SOP 10/03/83	General Chemistry	NELAP	10/14/2002
Uranium (mass)	EPA 200.8	Metals	NELAP	10/14/2002
Vanadium	EPA 200.7	Metals	NELAP	10/14/2002

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**Laboratory Scope of Accreditation**

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**E86006**

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**Matrix: Non-Potable Water**

<b>Analyte</b>	<b>Method/Tech</b>	<b>Category</b>	<b>Certification Type</b>	<b>Effective Date</b>
Vanadium	EPA 200.8	Metals	NELAP	10/14/2002
Vanadium	EPA 6010	Metals	NELAP	7/1/2003
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	12/29/2008
Vinyl chloride	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	7/1/2003
Xylene (total)	EPA 624.1	Volatile Organics	NELAP	11/13/2017
Xylene (total)	EPA 8260	Volatile Organics	NELAP	7/1/2003
Zinc	EPA 200.7	Metals	NELAP	10/14/2002
Zinc	EPA 200.8	Metals	NELAP	10/14/2002
Zinc	EPA 6010	Metals	NELAP	10/14/2002



## Laboratory Scope of Accreditation

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

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**Ft. Lauderdale, FL 33309**

**Matrix: Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,1,1-Trichloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,1,2,2-Tetrachloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,1,2-Trichloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,1-Dichloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,1-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,1-Dichloropropene	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2,3-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2,3-Trichloropropane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2,4,5-Tetrachlorobenzene	EPA 8270	Extractable Organics	NELAP	1/15/2010
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2,4-Trichlorobenzene	EPA 8270	Extractable Organics	NELAP	10/11/2004
1,2,4-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	Volatile Organics	NELAP	5/19/2014
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	Volatile Organics	NELAP	5/19/2014
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/7/2003
1,2-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	10/11/2004
1,2-Dichloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,2-Diphenylhydrazine	EPA 8270	Extractable Organics	NELAP	1/15/2010
1,3,5-Trimethylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,3-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	2/5/2007
1,3-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	10/11/2004
1,3-Dichloropropane	EPA 8260	Volatile Organics	NELAP	10/14/2002
1,4-Dichlorobenzene	EPA 8260	Volatile Organics	NELAP	3/7/2003
1,4-Dichlorobenzene	EPA 8270	Extractable Organics	NELAP	10/11/2004
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260	Volatile Organics	NELAP	1/15/2010
1,4-Naphthoquinone	EPA 8270	Extractable Organics	NELAP	1/15/2010
1,4-Phenylenediamine	EPA 8270	Extractable Organics	NELAP	11/4/2020
1-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	12/29/2008
1-Naphthylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
2,2-Dichloropropane	EPA 8260	Volatile Organics	NELAP	10/14/2002
2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,3,4,6-Tetrachlorophenol	EPA 8270	Extractable Organics	NELAP	1/15/2010

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**E86006**

Florida-Spectrum Environmental Services, Inc.

1460 West McNab Road

Ft. Lauderdale, FL 33309

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
2,4,5-T	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
2,4,5-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,4,6-Trichlorophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,4-D	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
2,4-DB	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
2,4-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,4-Dimethylphenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,4-Dinitrophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	Extractable Organics	NELAP	10/11/2004
2,6-Dichlorophenol	EPA 8270	Extractable Organics	NELAP	1/15/2010
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Acetylaminofluorene	EPA 8270	Extractable Organics	NELAP	1/15/2010
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260	Volatile Organics	NELAP	10/14/2002
2-Chloroethyl vinyl ether	EPA 8260	Volatile Organics	NELAP	11/4/2016
2-Chloronaphthalene	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Chlorophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	10/14/2002
2-Hexanone	EPA 8260	Volatile Organics	NELAP	10/14/2002
2-Methyl-4,6-dinitrophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Methylnaphthalene	EPA 8270	Extractable Organics	NELAP	1/15/2010
2-Methylphenol (o-Cresol)	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Naphthylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
2-Nitroaniline	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Nitrophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
2-Picoline (2-Methylpyridine)	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,3'-Dichlorobenzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,3'-Dimethoxybenzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,3'-Dimethylbenzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
3,5-Dichlorobenzoic acid	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
3/4-Methylphenols (m/p-Cresols)	EPA 8270	Extractable Organics	NELAP	2/5/2007
3-Methylcholanthrene	EPA 8270	Extractable Organics	NELAP	1/15/2010
3-Nitroaniline	EPA 8270	Extractable Organics	NELAP	10/11/2004
4,4'-DDD	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
4,4'-DDE	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
4,4'-DDT	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
4-Aminobiphenyl	EPA 8270	Extractable Organics	NELAP	1/15/2010

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**Matrix: Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
4-Bromophenyl phenyl ether	EPA 8270	Extractable Organics	NELAP	10/11/2004
4-Chloro-3-methylphenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
4-Chloroaniline	EPA 8270	Extractable Organics	NELAP	10/11/2004
4-Chlorophenyl phenylether	EPA 8270	Extractable Organics	NELAP	10/11/2004
4-Chlorotoluene	EPA 8260	Volatile Organics	NELAP	10/14/2002
4-Dimethyl aminoazobenzene	EPA 8270	Extractable Organics	NELAP	1/15/2010
4-Methyl-2-pentanone (MIBK)	EPA 8260	Volatile Organics	NELAP	3/7/2003
4-Nitroaniline	EPA 8270	Extractable Organics	NELAP	10/11/2004
4-Nitrophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
4-Nitroquinoline 1-oxide	EPA 8270	Extractable Organics	NELAP	1/15/2010
5-Nitro-o-toluidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
7,12-Dimethylbenz(a) anthracene	EPA 8270	Extractable Organics	NELAP	1/15/2010
Acenaphthene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Acenaphthylene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Acetone	EPA 8260	Volatile Organics	NELAP	2/5/2007
Acetonitrile	EPA 8260	Volatile Organics	NELAP	1/15/2010
Acetophenone	EPA 8270	Extractable Organics	NELAP	1/15/2010
Acifluorfen	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Acrolein (Propenal)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Acrylonitrile	EPA 8260	Volatile Organics	NELAP	10/14/2002
Aldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Allyl chloride (3-Chloropropene)	EPA 8260	Volatile Organics	NELAP	10/14/2002
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Aluminum	EPA 6010	Metals	NELAP	10/11/2004
Ammonia as N	EPA 350.1	Extractable Organics	NELAP	12/29/2008
Aniline	EPA 8270	Extractable Organics	NELAP	1/15/2010
Anthracene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Antimony	EPA 6010	Metals	NELAP	10/14/2002
Aroclor-1016 (PCB-1016)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Aroclor-1221 (PCB-1221)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Aroclor-1232 (PCB-1232)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Aroclor-1242 (PCB-1242)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Aroclor-1248 (PCB-1248)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
Aroclor-1254 (PCB-1254)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Aroclor-1260 (PCB-1260)	EPA 8082	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Arsenic	EPA 6010	Metals	NELAP	10/14/2002

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**Issue Date: 7/1/2021**

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## Laboratory Scope of Accreditation

Attachment to Certificate #: E86006-43, expiration date June 30, 2022. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E86006

EPA Lab Code:

FL00095

(954) 978-6400

### E86006

Florida-Spectrum Environmental Services, Inc.

1460 West McNab Road

Ft. Lauderdale, FL 33309

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aspon	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Atrazine	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Azinphos-ethyl (Ethyl guthion)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Azinphos-methyl (Guthion)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Barium	EPA 6010	Metals	NELAP	10/14/2002
Bentazon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Benzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Benzidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Benzo(a)anthracene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Benzo(a)pyrene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Benzo(b)fluoranthene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Benzo(g,h,i)perylene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Benzo(k)fluoranthene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Benzyl alcohol	EPA 8270	Extractable Organics	NELAP	1/15/2010
Beryllium	EPA 6010	Metals	NELAP	10/14/2002
beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270	Extractable Organics	NELAP	5/19/2014
bis(2-Chloroethoxy)methane	EPA 8270	Extractable Organics	NELAP	10/11/2004
bis(2-Chloroethyl) ether	EPA 8270	Extractable Organics	NELAP	10/11/2004
Bolstar (Sulprofos)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Boron	EPA 6010	Metals	NELAP	10/11/2004
Bromide	EPA 9056	General Chemistry	NELAP	12/29/2008
Bromobenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Bromochloromethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Bromodichloromethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Bromoform	EPA 8260	Volatile Organics	NELAP	10/14/2002
Butyl benzyl phthalate	EPA 8270	Extractable Organics	NELAP	10/11/2004
Cadmium	EPA 6010	Metals	NELAP	10/14/2002
Calcium	EPA 6010	Metals	NELAP	10/11/2004
Carbazole	EPA 8270	Extractable Organics	NELAP	10/11/2004
Carbon disulfide	EPA 8260	Volatile Organics	NELAP	2/5/2007
Carbon tetrachloride	EPA 8260	Volatile Organics	NELAP	10/14/2002
Carbophenothion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Chloramben	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Chlordane (tech.)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
Chlorfenvinphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008

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Ft. Lauderdale, FL 33309

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Chloride	EPA 9056	General Chemistry	NELAP	12/29/2008
Chlorobenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Chlorobenzilate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Chloroethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Chloroform	EPA 8260	Volatile Organics	NELAP	10/14/2002
Chloroprene	EPA 8260	Volatile Organics	NELAP	1/15/2010
Chlorpyrifos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Chlorpyrifos methyl	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Chromium	EPA 6010	Metals	NELAP	10/14/2002
Chrysene	EPA 8270	Extractable Organics	NELAP	10/11/2004
cis-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	10/14/2002
cis-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Cobalt	EPA 6010	Metals	NELAP	10/14/2002
Conductivity	EPA 9050	General Chemistry	NELAP	12/29/2008
Copper	EPA 6010	Metals	NELAP	10/14/2002
Coumaphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Crotoxypfos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dacthal (DCPA)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Dalapon	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
delta-BHC	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Demeton-o	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Demeton-s	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	Extractable Organics	NELAP	10/11/2004
Diallate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Diallate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Diazinon	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Dibenz(a,h)anthracene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Dibenzofuran	EPA 8270	Extractable Organics	NELAP	10/11/2004
Dibromochloromethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Dibromomethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Dicamba	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Dichlorodifluoromethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Dichlorofenthion	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Dichloroprop (Dichlorprop)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Dichlorovos (DDVP, Dichlorvos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dicofol	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

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**Ft. Lauderdale, FL 33309**

**Matrix: Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Dicrotophos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dieldrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Diethyl phthalate	EPA 8270	Extractable Organics	NELAP	10/11/2004
Dimethoate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Dimethyl phthalate	EPA 8270	Extractable Organics	NELAP	10/11/2004
Di-n-butyl phthalate	EPA 8270	Extractable Organics	NELAP	10/11/2004
Di-n-octyl phthalate	EPA 8270	Extractable Organics	NELAP	10/11/2004
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Dioxathion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Disulfoton	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Endosulfan I	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Endosulfan II	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Endosulfan sulfate	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
Endrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Endrin aldehyde	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Endrin ketone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
EPN	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Ethion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Ethoprop	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Ethyl methacrylate	EPA 8260	Volatile Organics	NELAP	10/14/2002
Ethyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	1/15/2010
Ethylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Famphur	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Fecal coliforms	SM 9222 D	Microbiology	NELAP	5/19/2014
Fenitrothion	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Fensulfothion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Fenthion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Fixed Residue	SM 2540 G	General Chemistry	NELAP	1/15/2010
Fluoranthene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Fluorene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Fluoride	EPA 9056	General Chemistry	NELAP	12/29/2008
Fonophos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Heptachlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	10/14/2002
Heptachlor epoxide	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	3/7/2003
Hexachlorobenzene	EPA 8270	Extractable Organics	NELAP	10/11/2004

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FL00095

(954) 978-6400

### E86006

Florida-Spectrum Environmental Services, Inc.

1460 West McNab Road

Ft. Lauderdale, FL 33309

Matrix: Solid and Chemical Materials

Analyte	Method/Tech	Category	Certification Type	Effective Date
Hexachlorobutadiene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Hexachlorobutadiene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Hexachlorocyclopentadiene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Hexachloroethane	EPA 8270	Extractable Organics	NELAP	10/11/2004
Hexachloropropene	EPA 8270	Extractable Organics	NELAP	1/15/2010
Hexamethylphosphoramide (HMPA)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Ignitability	EPA 1010	General Chemistry	NELAP	2/5/2007
Indeno(1,2,3-cd)pyrene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Iodomethane (Methyl iodide)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Iron	EPA 6010	Metals	NELAP	10/11/2004
Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260	Volatile Organics	NELAP	1/15/2010
Isodrin	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Isodrin	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Isophorone	EPA 8270	Extractable Organics	NELAP	10/11/2004
Isopropyl acetate	FSE-VOC / GC-MS	Volatile Organics	NELAP	1/15/2010
Isopropyl alcohol (2-Propanol)	EPA 8260	Volatile Organics	NELAP	1/15/2010
Isopropylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Isosafrole	EPA 8270	Extractable Organics	NELAP	1/15/2010
Kepone	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Kjeldahl nitrogen - total	EPA 351.2	Extractable Organics	NELAP	12/29/2008
Lead	EPA 6010	Metals	NELAP	10/14/2002
Leptophos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Lithium	EPA 6010	Metals	NELAP	1/15/2010
m+p-Xylenes	EPA 8260	Volatile Organics	NELAP	10/16/2018
Magnesium	EPA 6010	Metals	NELAP	10/11/2004
Malathion	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Manganese	EPA 6010	Metals	NELAP	10/14/2002
MCPA	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
MCPP	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Mercury	EPA 7471	Metals	NELAP	10/14/2002
Merphos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Methacrylonitrile	EPA 8260	Volatile Organics	NELAP	10/14/2002
Methapyrilene	EPA 8270	Extractable Organics	NELAP	1/15/2010
Methoxychlor	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
Methyl acetate	FSE-VOC / GC-MS	Volatile Organics	NELAP	1/15/2010
Methyl bromide (Bromomethane)	EPA 8260	Volatile Organics	NELAP	2/5/2007

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**E86006**

**Florida-Spectrum Environmental Services, Inc.**

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**Ft. Lauderdale, FL 33309**

**Matrix: Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Methyl chloride (Chloromethane)	EPA 8260	Volatile Organics	NELAP	2/5/2007
Methyl methacrylate	EPA 8260	Volatile Organics	NELAP	10/14/2002
Methyl methanesulfonate	EPA 8270	Extractable Organics	NELAP	1/15/2010
Methyl parathion (Parathion, methyl)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Methyl tert-butyl ether (MTBE)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Methylene chloride	EPA 8260	Volatile Organics	NELAP	3/7/2003
Mevinphos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Molybdenum	EPA 6010	Metals	NELAP	10/14/2002
Monocrotophos	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Naled	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
n-Amyl acetate	FSE-VOC / GC-MS	Volatile Organics	NELAP	1/15/2010
Naphthalene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Naphthalene	EPA 8270	Extractable Organics	NELAP	10/11/2004
n-Butyl alcohol	EPA 8260	Volatile Organics	NELAP	1/15/2010
n-Butylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Nickel	EPA 6010	Metals	NELAP	10/14/2002
Nitrate	EPA 9056	General Chemistry	NELAP	12/29/2008
Nitrite	EPA 9056	General Chemistry	NELAP	1/15/2010
Nitrobenzene	EPA 8270	Extractable Organics	NELAP	10/11/2004
n-Nitrosodiethylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosodimethylamine	EPA 8270	Extractable Organics	NELAP	10/11/2004
n-Nitroso-di-n-butylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosodi-n-propylamine	EPA 8270	Extractable Organics	NELAP	10/11/2004
n-Nitrosodiphenylamine	EPA 8270	Extractable Organics	NELAP	10/11/2004
n-Nitrosomethylethylamine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosomorpholine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosopiperidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Nitrosopyrrolidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
n-Propylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
o,o,o-Triethyl phosphorothioate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Oil & Grease	EPA 9071	General Chemistry	NELAP	12/29/2008
Organic nitrogen	TKN minus AMMONIA	Extractable Organics	NELAP	12/29/2008
Orthophosphate as P	EPA 9056	General Chemistry	NELAP	12/29/2008
o-Toluidine	EPA 8270	Extractable Organics	NELAP	1/15/2010
o-Xylene	EPA 8260	Volatile Organics	NELAP	10/16/2018
Parathion, ethyl	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	2/5/2007

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**Matrix: Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Pentachlorobenzene	EPA 8270	Extractable Organics	NELAP	1/15/2010
Pentachloroethane	EPA 8260	Volatile Organics	NELAP	1/15/2010
Pentachloronitrobenzene (Quintozone)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	1/15/2010
Pentachlorophenol	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	5/19/2014
Pentachlorophenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
pH	EPA 9045	Extractable Organics	NELAP	12/29/2008
Phenacetin	EPA 8270	Extractable Organics	NELAP	1/15/2010
Phenanthrene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Phenol	EPA 8270	Extractable Organics	NELAP	10/11/2004
Phorate	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Phosmet (Imidan)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Phosphamidon	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Phosphorus, total	EPA 365.4	Extractable Organics	NELAP	12/29/2008
Picloram	EPA 8151	Extractable Organics	NELAP	2/5/2007
p-Isopropyltoluene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Potassium	EPA 6010	Metals	NELAP	10/11/2004
Pronamide (Kerb)	EPA 8270	Extractable Organics	NELAP	1/15/2010
Propionitrile (Ethyl cyanide)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Pyrene	EPA 8270	Extractable Organics	NELAP	10/11/2004
Pyridine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Residue-total	SM 2540 G	General Chemistry	NELAP	12/29/2008
Residue-volatile	SM 2540 G	General Chemistry	NELAP	1/15/2010
Ronnel	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Safrole	EPA 8270	Extractable Organics	NELAP	1/15/2010
sec-Butylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Selenium	EPA 6010	Metals	NELAP	10/14/2002
Silicon	EPA 6010	Metals	NELAP	1/15/2010
Silver	EPA 6010	Metals	NELAP	10/14/2002
Silvex (2,4,5-TP)	EPA 8151	Pesticides-Herbicides-PCB's	NELAP	2/5/2007
Simazine	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Sodium	EPA 6010	Metals	NELAP	10/14/2002
Strontium	EPA 6010	Metals	NELAP	10/14/2002
Strychnine	EPA 8270	Extractable Organics	NELAP	1/15/2010
Styrene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Sulfate	EPA 9056	General Chemistry	NELAP	11/7/2008
Sulfotep	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008

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**Matrix: Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	General Chemistry	NELAP	12/29/2008
Terbufos	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260	Volatile Organics	NELAP	1/15/2010
tert-Butylbenzene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Tetrachloroethylene (Perchloroethylene)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Tetrachlorvinphos (Stirophos, Gardona)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Tetraethyl pyrophosphate (TEPP)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Thallium	EPA 6010	Metals	NELAP	10/11/2004
Thionazin (Zinophos)	EPA 8270	Pesticides-Herbicides-PCB's	NELAP	12/29/2008
Tin	EPA 6010	Metals	NELAP	11/4/2016
Titanium	EPA 6010	Metals	NELAP	1/15/2010
Tokuthion (Prothiophos)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Toluene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Total cyanide	EPA 9012	Extractable Organics	NELAP	2/5/2007
Total Halogen Compounds	FSE-TOX / TITR	General Chemistry	NELAP	12/29/2008
Total nitrate-nitrite	EPA 9056	General Chemistry	NELAP	12/29/2008
Total Nitrogen	TKN + Total Nitrate-Nitrite	Extractable Organics	NELAP	12/29/2008
Total Petroleum Hydrocarbons (TPH)	FL-PRO	Extractable Organics	NELAP	10/14/2002
Total phenolics	EPA 9066	General Chemistry	NELAP	12/29/2008
Total Recoverable Petroleum Hydrocarbons	FSE-OG-TRPH / GRAV	General Chemistry	NELAP	12/29/2008
Toxaphene (Chlorinated camphene)	EPA 8081	Pesticides-Herbicides-PCB's	NELAP	8/3/2007
Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	General Chemistry	NELAP	12/3/2002
trans-1,2-Dichloroethylene	EPA 8260	Volatile Organics	NELAP	10/14/2002
trans-1,3-Dichloropropene	EPA 8260	Volatile Organics	NELAP	10/14/2002
trans-1,4-Dichloro-2-butene	EPA 8260	Volatile Organics	NELAP	10/14/2002
Trichloroethene (Trichloroethylene)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Trichlorofluoromethane	EPA 8260	Volatile Organics	NELAP	10/14/2002
Trichloronate	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Tri-o-cresylphosphate (TOCP)	FSE-OPP / GC-MS	Extractable Organics	NELAP	1/20/2009
Uranium (mass)	EPA 6010	Metals	NELAP	11/4/2016
Vanadium	EPA 6010	Metals	NELAP	10/14/2002
Vinyl acetate	EPA 8260	Volatile Organics	NELAP	1/15/2010
Vinyl chloride	EPA 8260	Volatile Organics	NELAP	10/14/2002
Xylene (total)	EPA 8260	Volatile Organics	NELAP	10/14/2002
Zinc	EPA 6010	Metals	NELAP	10/14/2002

**Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.**

**Issue Date: 7/1/2021**

**Expiration Date: 6/30/2022**



**FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.**

**ITB NO# 202119**

**ANNUAL LAB ANALYSES**

**16. MDLs - SECTIONS B) & C) OF ITB #202119**



FLORIDA-SPECTRUM ENVIRONMENTAL SERVICES, INC.

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## SPECIFIC REQUIREMENTS - SECTION B) AND SECTION C) - LABORATORY CURRENT MDL CAPABILITY

- Secondary Inorganics (POE Triennial)
  - VOCs (POE Triennial)
  - SOC's (POE Triennial)
  - Radiochemistry (POE)
- 4) The following projects require low level detection limits. If these are not achievable, indicate the lab's current MDL capability. See Florida-Spectrum's (FSES) MDLs in "Blue" below:

Section B Project / Test	Low Level MDL, units
Lab DI Monthly / Silica	≤0.10 mg/L
Lab DI Monthly / T.O.C.	≤0.10 mg/L <span style="color: blue;">FSES MDL: 0.325 mg/L</span>
Lab DI Semi-Annual / Use Test (Student's t)	≤ ± 2.78

### **C) Section C – Wellington Public Works Department Analysis**

- 1) Samples are collected and analyzed by selected contract laboratory.
- 2) Reporting requirements: a) Email reports and invoices to the Village Engineer. b) ESP results are also uploaded directly to SFWMD via EDD DbHydro.
- 3) Following are sampling requirements for the Everglades Stormwater Program (ESP) by Village of Wellington permit;
  - Collections are rain event driven and can occur at inconvenient times.
  - Requests are made via email or telephone call to the Lab's designated Project Manager
  - Collections are expected to occur within 24 hours of request.
  - Collection events might occur on weekends or holidays in order to comply with our permit obligation.
- 4) The Basin B Bi-weekly project samples are collected every other Wednesday and may be moved either forward or backward one day to accommodate holidays or other scheduling conflicts.
- 5) The following tests require low level detection limits. If these are not achievable, indicate the lab's current MDL capability. See Florida-Spectrum's (FSES) MDLs in "Blue" below:

Section C Test	Low Level MDL, mg/L
Total Phosphorus (TP)	≤0.004 <span style="color: blue;">FSES MDL: 0.0097 mg/L</span>
Orthophosphate (OPO4)	≤0.004 <span style="color: blue;">0.0075 mg/L</span>
Total Suspended Solids (TSS)	≤3.0
Chloride (Cl <sup>-</sup> )	≤1.0
Total Kjeldahl Nitrogen (TKN)	≤0.090 <span style="color: blue;">0.184 mg/L</span>
Ammonia (NH <sub>3</sub> )	≤0.020
Nitrate + Nitrite (NO <sub>x</sub> )	≤0.005

### **Section D – Field Services**

- 1) For the Utility sections (A & B), supply regular Field charges as well as fees for weekend or holiday. These are informational and for emergency purposes. Do not add these totals to the final bid.

**Email addresses and contact information for key Wellington personnel will be given after contract has been awarded. Any and all questions related to this bid shall be directed to the Purchasing Department.**