



STATEMENT OF QUALIFICATIONS TO PROVIDE

PROFESSIONAL ENVIRONMENTAL TESTING

**CITY OF POMPANO BEACH, FL
CONTINUING CONTRACT FOR PROFESSIONAL ENVIRONMENTAL TESTING
REQUEST FOR LETTER OF INTEREST (RLI 26-004)**

E-BID SUBMITTED VIA IONWAVE to:

City of Pompano Beach | Procurement and Contracts Department
1010 NE 3rd Avenue, Building C | Pompano Beach, Florida 33060

Submitted by:

Professional Service Industries, Inc. (Intertek-PSI)
6500 NW 12th Avenue, Suite 116 | Fort Lauderdale, FL 33309

E. John Emerson, CSP, CIEC, FLAC, FLMA
Environmental Services Manager/Principal Consultant
954-818- 6757 | john.emerson@intertek.com

Monday, December 22, 2025 by 2:00 P.M.

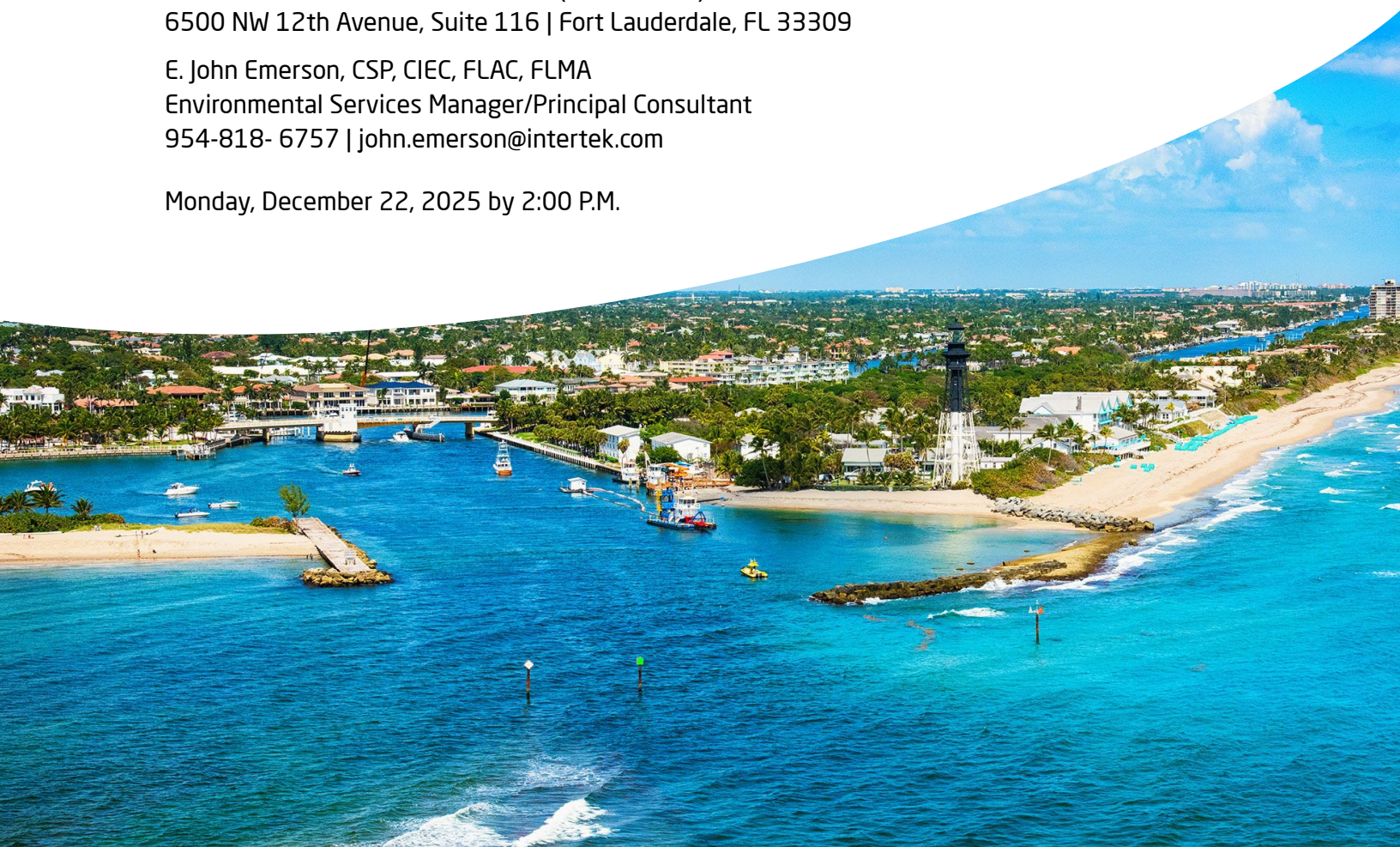


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December 22, 2025

City of Pompano Beach
Procurement and Contracts Department
1010 NE 3rd Avenue, Building C
Pompano Beach, Florida 33060

E-BID SUBMITTED VIA IONWAVE

Re: **CITY OF POMPANO BEACH REQUEST FOR LETTERS OF INTEREST (RLI 26-04)**
CONTINUING CONTRACT FOR PROFESSIONAL ENVIRONMENTAL TESTING

Professional Service Industries, Inc. (PSI) (d/b/a Intertek-PSI) is pleased to submit our qualifications for this Request for Letters of Interest (RLI) to the City of Pompano Beach (City) and the Community Redevelopment Agency (CRA) for providing Professional Environmental Testing Services. We have reviewed the RLI and understand that the City/CRA are seeking qualified firms to provide projects that may include; Site assessments and preparation of Phase I and/or Phase II Studies; Monitoring Well Installation and Abandonment; Soils and Groundwater Sampling and Report Preparation, Site Assessment Report Preparation; Air Quality Testing and Associated Reports; Asbestos Surveys and Remediation Recommendations, and Grant or Reimbursement Support Services for Remediation.

The PSI team has the resources to provide these services to the City in a timely, efficient, cost-effective, and professional manner. We continue to offer a highly skilled, multidisciplinary team of professionals with local and international experience in providing the required services to public and private sector clients. Our staff is composed of experienced professionals dedicated to serving our clients. We have a history and familiarity with over 40 years of serving municipal clients in South Florida with diversified environmental services and have reflected our local experience in Tab 6. *Statement of Skills and Experience of Project Team*. Here are some benefits that the PSI Team will bring to the City:

Qualified Staff and Resources

- PSI hires, trains, and delivers highly trained and educated managers, engineers, supervisors and technicians to your projects including professional engineers, geologists, and scientists, certified building inspectors, registered threshold inspectors, and environmental technicians
- PSI staff know the work scope, can devote as much of their time as necessary, and have a true professional enthusiasm for achieving individual project goals.
- A highly qualified independent testing laboratory and decades of experience with the local conditions in Florida.

Local Response/Nationwide Support

PSI has worked in South Florida since 1975. We have a team of more than 300 professionals located within 10 offices throughout the state. We will not have to staff up for this contract as the necessary personnel are already in place and experienced with the technical and administrative requirements of the City.

Full-Service Firm

PSI is a **full-service firm** with the following capabilities:

- Environmental Engineering Testing and Consulting Services
- Industrial Hygiene/Indoor Environmental Quality
- Geotechnical Engineering Services
- Construction Materials Testing
- Threshold Inspection & Building Code Inspection
- Non-Destructive Examination
- Facilities & Roof Consulting and Engineering

Commitment to LBE Goals

PSI performs all the environmental engineering, testing, and consulting services required under this contract. From time-to-time a project scope may require specialty contractors to complete the work. In these instances, PSI consistently endeavors to utilize small and local businesses to complete the work as qualified firms are available.

PSI recognizes the selection of the most qualified consultants is essential to achieving the City's goals. We understand that your environmental consultant must demonstrate creativity, respond quickly to emergency conditions, be sensitive to schedules and budgets, as well as possess proven abilities to work within the public eye. We believe that we are in the best position to deliver the required services and fulfill this crucial role. We look forward to continuing our service to the City and for the opportunity to grow our relationship as your environmental consultant. Please contact us directly at the numbers listed below should you require any additional information.

Sincerely,

Professional Service Industries, Inc., an Intertek Company



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FIRM BIO

Professional Service Industries, Inc. (PSI), an Intertek Company, is a nationally recognized consulting engineering and testing firm providing integrated services in several disciplines, including geotechnical and environmental engineering, construction services, materials engineering & testing, roof & pavement consulting, asbestos management, and facilities consulting and engineering. We are a leader among the nation's independent testing organizations and rank among the country's largest consulting engineering firms. PSI was incorporated in Delaware, June 26, 1972. However, the name was not used in the marketplace until the 1980's. The Company was founded as A&H Materials Testing in 1961 in Champaign-Urbana, Illinois.

PSI maintains complete facilities and equipment for the inspection and testing of soils, foundations, concrete, structural elements, metals, pavement, roofing materials, asbestos, and specialty items. In addition to these basic services, we perform a full range of consulting engineering services, forensic evaluations, and quality assurance/quality control for construction projects. PSI's key team members have provided these services on hundreds of successfully completed projects, including roadways, utilities, and other facilities in both the private and public sectors. PSI consistently maintains certification by all pertinent regionally and nationally recognized testing laboratory certification bodies relative to the types of testing normally performed in our industry. All measurement equipment and instruments are routinely inventoried, marked and calibrated in accordance with the National Bureau of Standards. In addition to certification, the testing procedures are conducted under the guidelines of ASTM E329 where applicable, and in all cases, a state registered engineer oversees all inspection and materials testing procedures.

Our firm has extensive experience in providing comprehensive geotechnical and environmental services across a wide range of projects, particularly in the fields of wastewater management, landfill development, and other related sectors. Over the years, we have worked on numerous projects that require specialized expertise in soil and groundwater analysis, waste containment systems, site assessments, and regulatory compliance. Our team is skilled in evaluating and mitigating potential environmental risks, ensuring that each project meets local, state, and federal environmental standards while maintaining optimal efficiency and sustainability.

PSI has provided construction materials testing and inspection services to public agencies in Florida for over 40 years. Our expertise has been utilized on a variety of projects including hotels & resorts, yacht basins/marinas, government facilities, roadways, airports, hospitals, high-rises, retail spaces, schools, and residential developments. Our staff includes registered professional engineers with significant construction inspection and testing experience in Florida. Our technicians are ACI, AWS and NICET trained/certified in their respective disciplines and our laboratories are annually inspected/certified by CMEC and the FDOT. We have over 300 employees located in our 10 Florida offices as well as a network of support with 1,800 staff members in nearly 75 offices nationwide. Our unique combination of local, independent offices paired with a nationwide presence allows PSI to provide the responsiveness and concern of a local firm with the collective skills and resources of a national company.

ENVIRONMENTAL SERVICES & APPROACH

The environmental group at PSI has perfected a program geared towards providing our clients with a diverse array of professional consulting services. Our primary goal is to provide our clients with common sense solutions to sometimes complex problems in a time and resource efficient manner. PSI is a full-service environmental firm. We believe that no other environmental firm offers the diversity of services, depth of resources, and geo- graphic coverage of PSI. A general summary of services we provide follows.

PHASE I ESAS

Phase I Environmental Site Assessments (ESAs) are designed to make the client aware of reasonable suspicions of environmental conditions which may have an adverse environmental impact upon the subject site. Our Phase I and II services follow ASTM standard E 1527 which can be supplemented to include additional environmental services such as radon testing or asbestos management services.

On a national basis, we provide over 5,000 Phase I ESAs annually. PSI believes in standardization, and we consider development and utilization of standard report formats, wherever possible, to be a primary time and cost control element to all projects.

A Phase I Environmental Site Assessment (ESA) typically follows the prescribed format of site reconnaissance of the subject property and adjoining properties, historical records review, interviews with knowledgeable persons about the property, and a review of environmental regulatory databases. The information is evaluated to determine if a potential for environmental impact is present on the subject property. If an impact is noted, then a Phase II is typically recommended to evaluate the presence or absence of the recognized environmental condition.

PHASE II ESAS

If the conditions observed in the Phase I study indicate that additional information is needed to determine the presence or absence of pollutants, PSI recommends a Phase II assessment. Phase II assessments are extremely site-specific, and the scope of services is generally based on the findings of the Phase I report. A typical Phase II scope of services may include:

- Soil vapor survey
- Soil and/or water quality testing
- Hazardous waste characterization of unknown materials
- Sampling and analysis of paint suspected to contain lead
- Sampling and analysis of materials suspected to contain asbestos
- Sampling and analysis for elevated radon levels
- Drinking water sampling and analysis for lead content

The sampling process encompasses the initial assessment, development of a specific sample plan, sample collection (including field measurement where necessary to obtain reliable results), field handling (e.g., filtration where determination of the dissolved fraction of metals is desired), and preservation and delivery of samples to the analytical facility (with consideration of special transportation and holding time requirements). PSI's services are enhanced by in-house drilling. PSI field personnel plan carefully to ensure that samples are representative that necessary field measurements are made, and that sample characteristics do not change significantly during the time between sampling and delivery to the analytical facility.

All procedures used to conduct a Phase II environmental assessment are consistent with applicable U.S. Environmental Protection Agency and State regulations, manuals, handbooks, protocols, and/or guidelines, as well as guidelines of other accepted authorities. Additionally, procedures for sampling underground media are consistent with those put forth under the sponsorship of the National Water Well Association (NWWA) and ASTM.

The turnaround time for a Phase II project is typically three to four weeks, depending on the needs of the individual client and the complexity of the suspected problem. If necessary, it can be expedited, with increased laboratory and field costs.

Soil borings and monitoring wells are the primary means of defining the subsurface characteristics necessary to evaluate the extent of environmental contamination from such sources as leaking underground storage tanks, landfills and dumps, and unlined ponds or pits. Soil borings help define the geologic setting and provide the means

of collecting subsurface soil samples. Monitoring wells provide the equivalent hydrogeologic and groundwater quality data. These activities have become a large part of PSI's drilling services.

Site Characterization/Contamination Assessment

When preliminary studies reveal the presence of contaminants, PSI can provide a full range of assessment/characterization services usually required under regulatory scrutiny, including:

- Estimation of aquifer characteristics
- Pollution source identification
- Contaminant Fate & Transport
- Estimation of remediation costs
- Development of Site Characterization, Contaminant Assessment and Remedial Action Plans
- Implementation of a Remedial Investigation/Feasibility Study
- Preparation of a Site Risk Assessment
- Liaison with regulatory community

As with any complete site contamination assessment, the scope and magnitude of each of the above steps is dependent upon the findings of the previous level of investigation. In all cases, the report contents and the basic reporting formats are consistent with the requirements of the particular regulatory agency within whose jurisdiction the investigation is being conducted. The Contamination Assessment Reports developed by PSI generally include:

- Site history and background information
- Drilling, sampling, well installation and testing methodology
- Regional and site-specific geology and hydrogeology
- Soil and groundwater sampling program
- Results of field and laboratory testing
- Vertical and horizontal estimates of contamination
- Site plans of sampling locations and analytical results
- Regulatory requirements and implications
- Summary, conclusions, and recommendations

Remedial Design

PSI provides remediation consulting services for clients who require cleanup of soil, groundwater or other contamination problems. We have designed and implemented remedial projects featuring:

- Removal of contaminant source
- Soil-vapor extraction
- In-situ Oxidation
- Carbon filtration systems
- Site capping
- Bioremediation
- Dual Phase Extraction
- Land-filling
- Air stripping
- Air sparging
- Natural Attenuation

2. TECHNICAL APPROACH

PSI provides design and consulting services for the selection of remedial action services and assists clients in the selection of contractors to construct and implement the recommended remedial programs. This includes preparation of bid specifications, bid solicitation, selection of a contractor, obtaining all necessary permits from appropriate regulatory agencies, and monitoring of the remediation project.

Over the years, PSI has built and refined standardized design tools such as spreadsheet design packages for various treatment system components. We also maintain an updated set of standard construction details for preparation of construction drawings. The Remedial Action Plan (RAP) design modules and construction drawings are continually improved based on actual field experience. Each RAP and construction package is put together in the same order, using the appropriate design modules. Using these tested standards, we can quickly put together a quality remedial design which will meet with regulatory approval.

In every remedial design, we take the site objectives and the site limitations into account. We incorporate flexibility in the design so that system modifications can be made as necessary to meet the cleanup objectives. We fully understand that not every site requires cleanup to the CTLs or requires a permanent type installation. PSI has successfully performed many short-term remedial actions using our mobile air sparging/multi-phase extraction trailers and other in-house equipment.

Risk Assessment

Under conditions where alternative cleanup target levels are warranted, a risk assessment may be performed. PSI utilizes a multi-tiered process, whereby potential health risks are characterized, and appropriate cleanup levels are derived based on criteria regarding exposure, toxicity, and acceptable levels of risk. Although not all of the elements are required in each risk assessment, the ultimate goal is to characterize the cumulative risk from the contamination and to determine the feasibility of implementing new target levels.

The first tier typically consists of a comparison of contaminant concentrations at the site to generic, risk-based screening levels (RBSLs) to determine if additional evaluation or actions are warranted. If contaminant concentrations exceed the first tier RBSLs, PSI performs a more intensive Tier II risk assessment. The Tier II risk assessment takes site specific parameters and risk factors into account and generally results in higher target cleanup levels, based on less conservative assumptions.

Remedial Action Implementation

During remediation and operation, we provide on-site construction oversight, including:

- Project coordination
- Subcontractor oversight
- Verification of conformance with project plans and specifications
- Conformance to QA/QC and Health and Safety Plan
- Solutions to unanticipated problems
- Proper housekeeping and maintenance
- Approval of subcontractor request for payment
- Scheduled maintenance

Long-Term Remediation Effectiveness Monitoring

Long-term monitoring of remediation activities is usually required to assess the effectiveness of cleanup activities over time. PSI is capable of providing long-term and remediation effectiveness monitoring to meet individual project needs. Our services can include design and implementation of long-term monitoring programs, including sampling, analytical services and operation and maintenance of systems. It is not necessary for us to use Sub-consultants to implement any required monitoring services.

2. TECHNICAL APPROACH

Our field technicians are highly experienced with sampling protocols, industrial motor controls, electrical troubleshooting, pump and motor maintenance, and equipment repair. We maintain a continual dialog between the field technicians and project engineers to ensure that potential problems are quickly identified and corrected. In order to reduce maintenance costs, our field crews arrive on-site in fully stocked vehicles, ready to perform most any maintenance tasks. We attempt to utilize similar equipment on all sites so that vehicles can be stocked with repair parts. PSI also utilizes telemetry units where appropriate to ensure that system up times are maintained. We utilize a standard telemetry package on all sites and maintain a dedicated computer which receives and reports all alarms.

TYPICAL TASKS & ACTIVITIES OUTLINE

1. Pre-planning activities: Initial Site Visit
2. Project schedules
3. Regulatory notification: FDEP, USFWS, COE, etc.
4. Health & Safety Plan
5. Project quality assessment and quality control plan
6. Implementation of assessment activities:
 - Soil, Sediment and Surface Water Contamination
 - Possibly - Wetlands
 - Possibly - Cultural Resources
7. Corrective action plan development
8. Implementation and means to achieve regulatory approval

WILLINGNESS & ABILITY TO MEET PROJECT SCHEDULES

PSI provides the requested services in a timely manner to be cost efficient and effective. In the unlikely event that the proposed office is unable to perform requested services, personnel and equipment located within other offices in southern Florida would be available to assist us in providing the manpower and equipment needed to carry out any requested procedure. With over 75 offices nationwide, standard equipment and personnel are readily available; therefore, PSI can adjust schedules to meet our clients' needs. Depending upon your needs, specific schedule, and requested engineering services, we can modify these timeframes to meet your project requirements.

BISCAYNE BAY COASTAL WETLANDS ENVIRONMENTAL SITE INVESTIGATION

Client: South Florida Water Management District - Leasing and Real Estate Support Section, ESU |

Address: 3301 Gun Club Road, West Palm Beach, Florida 33406

Contact: Terrence Horan, PE, Lead Environmental Scientist | (561) 682-2650 | thoran@sfwmd.gov

Scope: Everglades Restoration Plan (CERP). The Flow Way is an element of the BBCW project. It is intended to achieve several of the objectives of the CERP, namely, improve distribution of freshwater to Biscayne Bay and Biscayne National Park, improve freshwater and estuarine habitat, improve salinity distribution within Biscayne Bay and re-establish productive nursery environments along the bay shoreline. The proposed BBCW project is located generally along the east side of US 1 South in Miami-Dade County and encompasses on the order of 2,100 acres. The project focused on the L-31 East Flow Way Wetlands (L-31 East) section of the BBCW, which encompasses approximately 1,603 acres. Extensive assessment activities were conducted by SFWMD at the time that these properties were acquired by the District. PSI and others have previously performed assessment work on L-31 East Flow Way. The assessments resulted in the identification of a number of non-point sources in the form of agricultural operations as well as point source areas (pump stations, mix load areas, etc.) on the properties. The District did not believe any remedial activities, other than assessment work was completed on the properties. Based on background, the District requested that PSI present an assessment of L-31 East that included the following major components: Phase I ESA, Phase II ESA, Soil Sampling at Military Canal, Stockpile Sampling, and Summary Report

PSI Fees: \$58,616.00 | **Date:** 07/2020-01/2021

NW 170TH STREET ROADWAY IMPROVEMENTS - CONTAMINATION ASSESSMENT

Client: Miami-Dade County Department of Transportation and Public Works - Stormwater Drainage Design

Address: 111 NW 1st Street, 15th floor, Miami FL 33128

Contact: George G. Sibilia – Project Manager | (305) 347-4973 | SIBILG@miamidade.gov

Scope: The subject property consists of a 1.57+/- acre piece of property located along NW 170th Street extending approximately 1,100 feet east from NW 97th Avenue, in Hialeah, Florida, that is part of two parent parcels. The subject property is primarily developed with a temporary roadway with the northern portions being utilized as pastureland for cattle grazing. The soils within the project corridor, to a depth of 4 feet below land surface (bls), needed to be assessed for potential impacts stemming from the illegal dumping activities. PSI provided a Phase 1 ESA, with desktop wetlands survey, and an LSA: Limited Soil and Groundwater Sampling/Monitoring Wells & Analysis as Subconsultant to HRES. The assessment was completed in accordance with the scope of work outlined in PSI's Proposal Number 0784-330807.Revised-3, which was authorized via Miami-Dade County Department of Transportation and Public Works (DTPW) Work Order No. 1, dtd March 5, 2021.

PSI Fees: \$59,192.00 | **Date:** 10/2021-01/2023

SIXTH & RIO - SOIL SOURCE REMOVAL AND UST CLOSURE

Client: 501 Aviva Owner, LLC/OceanLand

Address: 1800 E. Las Olas Blvd, Fort Lauderdale, FL 33301

Contact: Brandon Spirk – Construction Contractor | (305) 591-3007 | brandon@oceanland.com

Scope: The property was a former filling station/automotive dealership from approximately 1928 to 1952 before being redeveloped into a three-story apartment complex. During construction activities PSI was contracted by the client to delineate and remove petroleum impacted soil. PSI provided Soil Sampling, Soil

3. REFERENCES

Source Removal, Tank Closure Assessment. A total of 419.87 tons of soil was excavated and transported offsite for proper disposal. Soil samples were taken in the areas where soil delineation had not been achieved in the previous assessments to ensure the excavation of the site was fully delineated. A Soil Source Removal Report was provided after source removal activities that included regulatory document requirement, daily logs, waste manifests for the soil disposal, and soil laboratory results. Soil Source Removal Report was reviewed by a PSI Principal Consultant and signed & sealed by a Florida Licensed Professional Engineer to be submitted to the EPGMD.

PSI Fees: \$61,516.50 | **Date:** 11/2021-01/2022

PRIOR PROJECTS PERFORMED FOR THE CITY OF POMPANO BEACH

PROJECT NAME	CUSTOMER NAME	CONTRACT \$	START DATE
PBSAC - SITE ASSESSMENT	CITY OF POMPANO BEACH	\$ 23,235.00	09/21/2022
NW 6TH AVENUE POMPANO BEACH	CITY OF POMPANO BEACH	\$ 1,000.00	05/21/2019
REUSE PH. II - LIGHT HOUSE PO	CITY OF POMPANO BEACH	\$ 5,000.00	11/13/2018
HARBOR DR. & E ATLANTIC BLVD	CITY OF POMPANO BEACH	\$ 3,715.00	03/09/2018
SE 9TH ST ALLEYWAY	CITY OF POMPANO BEACH	\$ 3,715.00	12/14/2017
DISTRESSED PAVEMENT BASKETBALL	CITY OF POMPANO BEACH	\$ 1,600.00	10/02/2017
AIRPARK TAXIWAY G	CITY OF POMPANO BEACH	\$ 27,150.00	10/02/2017
WATER MAIN IMPROVEMENTS-POMPANO	CITY OF POMPANO BEACH	\$ 10,545.00	05/08/2017
NW 28TH AVE & NW 1ST STREET	CITY OF POMPANO BEACH	\$ 1,000.00	12/09/2016
PHASE II ESA, FIRE STATION 61	CITY OF POMPANO BEACH	\$ 16,550.00	09/06/2016
LIBERTY PARK GEO-TECH SERVICES	CITY OF POMPANO BEACH	\$ 3,000.00	08/29/2016
SE 9TH AVE EAST MCNAB ROAD	CITY OF POMPANO BEACH	\$ 1,000.00	08/04/2016
FIRE STATION NO. 61	CITY OF POMPANO BEACH	\$ 3,400.00	07/12/2016
PB FIRE STATION NO. 24	CITY OF POMPANO BEACH	\$ 1,900.00	04/05/2016
PB FIRE STATION NO. 24	CITY OF POMPANO BEACH	\$ 3,650.00	03/23/2016
LIBRARY AND CULTURAL CENTER	CITY OF POMPANO BEACH	\$ 21,464.00	06/18/2015
BRINY AVENUE	CITY OF POMPANO BEACH	\$ 3,100.00	07/17/2014
FORMER GAS STATION	CITY OF POMPANO BEACH	\$ 1,660.00	07/25/2012
WTR MAIN REPLAC PRG PRJ 07-931	CITY OF POMPANO BEACH	\$ 3,000.00	09/19/2011
CITY OF POMPANO PROJECT	CITY OF POMPANO BEACH	\$ 2,500.00	07/28/2011
CPB -VACANT WAREHOUSE PROPERTY	CITY OF POMPANO BEACH	\$ 8,848.00	01/03/2011

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER RLI 26-004

Federal I.D.# 37-0962090

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	E. John Emerson, CSP, CIEC, FLAC, FLMA	28	AS
Project Manager	Jeremy Cottrell, LEP	27	LEP
Asst. Project Manager	Tasanee Craig	8	
Other Key Member	Mark Kalivoda, PE	13	MS; PE
Other Key Member	Andrew Morris	13	MS

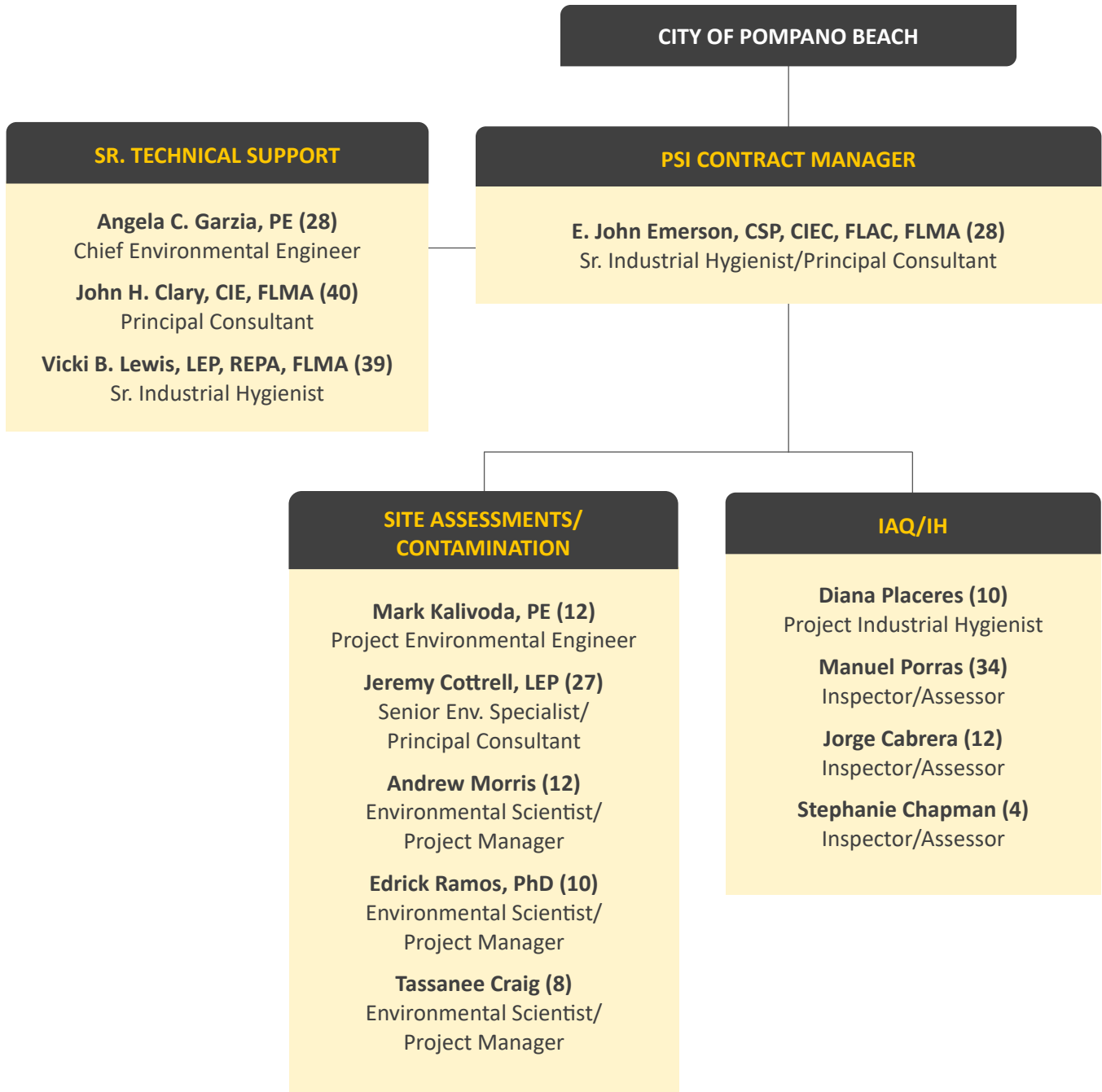
SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying		
Landscaping		
Engineering		
Other Key Member		
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)

5. ORGANIZATIONAL CHART

PSI's success is based on our commitment to providing top-quality services to our clients and to maintaining a highly qualified staff of professionals. With experienced personnel dedicated to providing the highest level of customer service, our team has maintained more than 30 continuing contracts with requirements like those anticipated for this agreement and have provided environmental services on hundreds of municipality projects. We understand that services rendered under this contract will be performed on an as-needed, project-by-project basis as well as the requirement for rapid response and quick turn-around times for the City to complete projects quickly and remain responsive to their community and their commission.



(##) - Denotes years of experience

ABILITY TO PERFORM

PSI and our subcontractors employ numerous personnel and maintain a sufficient volume of environmental testing/surveying equipment to allow the management of a multitude of assignments at the same time for all services included in this contract. Due to the nature of the services that we provide to our clients (due diligence services, ecological services, industrial hygiene including asbestos, lead, mold, and indoor air quality consulting, and property assessment and remediation), several of PSI's projects are performed under expedited timelines. PSI consistently manages various clients and projects on a regular basis. If a situation arises in which our clients require immediate assistance or a project workload requires additional resources, we can draw from additional offices located in Florida and throughout the United States.

PSI maintains a large volume of in-house equipment and has longstanding relationships with various equipment suppliers that allow our employees to meet our client's needs for expedited project timelines. PSI personnel are also equipped with smart phones, tablets, and laptops, and as needed which allows our clients immediate communication with us.

SUBCONSULTANTS

PSI is a full-service firm with total in-house capabilities; however, we endeavor to use SBE, LBE, and disadvantaged subconsultants whenever qualified firms are available, and the project scope of work requires additional specialty services. We strongly advocate the use of small, local, and/or disadvantaged affiliates and have been previously recognized by the Florida Department of Transportation, among others, for our support of these firms.

APPROACH & DELIVERY OF SERVICES

UNDERSTANDING OF THE SCOPE

Intertek-PSI understands that City projects may include may performing work for various departments of the City including, but not limited to, Public Services, Parks and Recreation, and Community Development. The scope of services include, but are not limited to, providing general engineering and architectural services for miscellaneous planning, design and construction management projects, such as, but not limited to, buildings, facilities, parks, roadways, drainage, structural matters, matters involving bridges, electrical, mechanical, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, permitting, land use and zoning, architectural design and space planning, construction management, and project management aspect. The City may also require the selected consultants to perform construction engineering inspections (CEI), threshold inspections, plans review and landscape architecture services.

PROJECTS MANAGEMENT APPROACH

Intertek-PSI has developed a strong hands-on management approach and well-defined project management systems that help us meet our client's goals and provide maximum responsiveness to our client's expectations of quality and service. Our goal is to not only meet, but exceed your needs and expectations regarding schedule, budget, and quality. Our approach centers on good communication, efficient work practices, and a timely response. Effective communication between the City and Intertek-PSI is critical and will allow Intertek-PSI to meet and/or exceed your expectations.

We envision a system whereby any City representative can make a single telephone request to Mr. Ramos and he will handle the needs of their projects. With support from staff, he will develop a scope of services, communicate, and discuss alternatives, and provide a budgetary cost estimate for the project. Once formal approval is obtained, Mr. Ramos will mobilize the necessary resources to perform the requested task. During the project, the assigned Intertek-PSI manager will continuously communicate with your project manager and provide updates on our work progress. Upon completion of our services, a final report will be issued in the format specified. All final reports will

5. ORGANIZATIONAL CHART

be provided under the supervision of a Florida Registered Engineer and be subject to our internal *Quality Control Program*, which is approved by AASHTO, CCRL, AMRL, CMEC and the Army Corps.

Workload/Capacity/Scheduling

The nature of Intertek-PSI's consulting business is performing many tasks of relatively short duration for multiple clients. This operating environment promotes the discipline required to be flexible and sensitive to changing client needs. With a staff of over 100 professionals, technicians, and support personnel in our South Florida offices, we have ample professional personnel and field and laboratory capabilities to effectively serve your needs even during peak demand periods. If unprecedented workload should occur, we can augment our force from any of our other Florida or nationwide offices.

We will provide services from our Fort Lauderdale and Miami locations utilizing our trained engineers and technicians. If unprecedented workload should occur, we can augment our force from any of our other Florida or nationwide offices. With a staff of over 100 professionals, technicians, and support personnel in our local offices, we have amply demonstrated the ability of our professional personnel and field and laboratory capabilities to effectively serve your needs.

Our team is ready and committed to providing the time and energy necessary to perform high quality services while maintaining cost effectiveness. We have the personnel and resources that will be dedicated and incorporated in our current and future workload, therefore there will be no additional burden placed on our office in the delivery of these services. Our crews can workday or night. You will always have a 24-7 contact with Intertek-PSI for any emergency situations that may arise. Intertek-PSI will be available to provide services for your projects 365 days a year, 7 days a week, 24 hours a day, as required.

Budget Adherence

Intertek-PSI takes special pride and ownership of the projects we serve. Control of allotted budget and its related issues is one very significant facet of the mission. Over 35 years of experience with similar projects has provided us the background and qualifications to effectively manage schedule, budget, and invoicing to best suit your needs.

The relationships that Intertek-PSI's personnel establish with our client's personnel facilitates the coordination required for a timely resolution of any technical issues. We realize the need to have all contacts and correspondence coordinated with our clients on a regular basis and will take the following steps to stay on budget:

1. Maintain constant awareness of project activities
2. Maintain a library of the most current references to promote effective and efficient development of plans and reports
3. Review and supervise field and laboratory results
4. Track budgets/maintain a watch on budget status with the aid of web-based recording and reporting via our proprietary system, **PSIQEST**
5. Supervise invoice preparation
6. Be readily available to our client's staff to discuss, consult, and deal with project issues
7. Develop reasonable & cost-effective solutions for any difficult conditions discovered

Methodology

Proactivity will be a major key for the success of the testing/inspection team in serving the project. Rather than simply staffing the project and waiting for service scheduling by the owner and contractor, Intertek-PSI recommends an involved approach. In this way, senior technical personnel and management will coordinate many times daily with the team on immediate and up-coming testing and inspection needs. They will advise the team, at the team's discretion, regarding construction methods and materials. ***This interaction can be especially important in the site improvement and underground utilities construction phases.*** During these phases is often when project schedules go backward, usually due to weather condition claims by the contractor. Intertek-PSI is

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expert in providing solutions for progressing construction under adverse weather conditions, and equally important, in countering erroneous claims for weather or groundwater conditions. We will endeavor to provide similar proactive support during the vertical phases of construction including the concrete and steel construction. This will be accomplished by not just providing testing and inspection, but by also seeking out and notifying the team of potential issues that might cause future schedule delays or detriment to project quality. Intertek-PSI can also provide additional staff for project oversight, in an “information only” role.

Efficiency will also be a significant component of project success. During any site improvement, underground utilities and construction phases, rapid and varied requirements for testing and inspection will be required. Intertek-PSI technical staff are well trained various testing disciplines and there will be no need for inflating the budget with additional specialized staffing. The technician providing underground utility density testing is also qualified to provide concrete sampling and testing, pavement materials sampling and testing, etc. We will work diligently to keep the project staffing as minimal as is prudent and effective. We fully expect to cross-utilize technical staffing within various projects on the property to maximize value and efficiency. We will not staff-up and have excess people on standby waiting for a mission. If work is delayed or postponed for whatever reason, Intertek-PSI will send them elsewhere to effectively manage the project budget. Similarly, we can rapidly add staff to provide any additional coverage, should it be requested; a second work shift, for example. Intertek-PSI is committed to developing our relationship with the City and will always manage and monitor both schedules and work efforts with your best interests in mind.

Intertek-PSI prides itself on being **capable and adaptable**, a requirement on projects of this type. Project specifications and drawing details are a fact of construction life; however, there is often much more than meets the eye. Material substitutions, varied techniques and processes, scheduling, and application of the results, including consultation with the design team, are also to be considered. To be a successful service provider, we believe that we must bring to the team an ability to provide services over a very broad range of disciplines. These services can range from testing of deep foundations to metallurgical lab testing of galvanized bolts; certified coatings inspection to wind-load testing of glazed wall-panels. Intertek-PSI boasts more in-house capabilities than any of our competitors and we can bring the full backing of our construction products and architectural testing groups, if needed. These capabilities include fire-rating testing of full mock-ups and product certification of one-off manufactured products. During the construction process unforeseen events and conditions will require rapid and effective application of testing and inspection capabilities.

Program Management and Reporting will be critical to the overall success of the testing and inspection program. Intertek-PSI will utilize an experienced and qualified team of professionals to daily oversee the programs and to communicate and report our results and findings to the project team. Our on-site staffing will include several very senior technical personnel. These people will be responsible for assuring that complete testing and inspection is performed for their individual areas of concern.

Our project management will coordinate services, review results, and prepare and distribute formal reports on a weekly basis. This reporting will be distributed in the form of a web-based platform that will be including as many recipients as the owner desires. Specific filters can also be utilized in the system, such as flagging failing tests, to simplify review. We will also prepare monthly summary reports of the previously distributed daily testing and inspection. These reports would provide a rapidly understood status of the testing/inspection. Additionally, we recommend that we have a brief weekly “tag-up” meeting with the current project team. This meeting can review failures and actions, identify needs and upcoming problems or conditions, and discuss proactive efforts or methods. Please note that we are also happy to configure our reporting intervals and summaries as directed by the owner.

Project Deliverables consist of reports, which include daily reports of inspections and testing performed. As discussed above, these will be submitted through “Construction Hive”. This will allow the reports to be delivered quickly and allows the end user to sort quickly through the reports to find failing tests and non-conformance items.

On the job site, we will maintain a notebook that will include a log of inspections performed and a deficiency log to track and manage non-conforming items and inspections. The deficiency log will have a column to assist in identifying when that item is closed out. Notebooks will be maintained that will include every contractor issued inspection request, and the subsequent inspection report will be inserted behind the request. When it comes time to close out the permit, the notebook becomes a part of the close out package. Similarly, a final letter from the threshold inspector will be submitted.

ENSURING QUALITY: Principal Consultant Program

Quality reporting, testing, and inspection by qualified personnel is vital and essential for providing the most accurate, timely information and test results in the Geotechnical, Environmental, and Construction Materials testing industry. Quality Control and providing a quality product is the lifeline of our business. Intertek-PSI prides itself on the implementation of a Quality Control plan. Within the organization, those professionals with recognized experience, technical expertise, and competence are designated and trained to serve as Principal Consultants. These personnel are assigned to review all reports prior to submittal.

ENVIRONMENTAL ENGINEERING, CONSULTING, & TESTING SERVICES APPROACH

The environmental group at Intertek-PSI has perfected a program geared towards providing our clients with a diverse array of professional consulting services. Our primary goal is to provide our clients with common sense solutions to sometimes complex problems in a time and resource efficient manner. Intertek-PSI is a full-service environmental firm. We believe that no other environmental firm offers the diversity of services, depth of resources, and geographic coverage of Intertek-PSI. Our approach to the general summary of services we provide is as follows:

Due Diligence Consulting Services



PHASE I ESAS

Phase I Environmental Site Assessments (ESAs) are designed to make the client aware of reasonable suspicions of environmental conditions which may have an adverse environmental impact upon the subject site. Our Phase I and II services follow ASTM standard E 1527 which can be supplemented to include additional environmental services such as radon testing or asbestos management services.

On a national basis, we provide over 5,000 Phase I ESAs annually. Intertek-PSI believes in standardization, and we consider development and utilization of standard report formats, wherever possible, to be a primary time and cost

control element to all projects.

A Phase I Environmental Site Assessment (ESA) typically follows the prescribed format of site reconnaissance of the subject property and adjoining properties, historical records review, interviews with knowledgeable persons about the property, and a review of environmental regulatory databases. The information is evaluated to determine if a potential for environmental impact is present on the subject property. If an impact is noted, then a Phase II is typically recommended to evaluate the presence or absence of the recognized environmental condition. Specifically, the Phase I assessment consists of the following:

Research – Prior to conducting site reconnaissance, Intertek-PSI reviews available information regarding the site and surrounding sites to attempt to identify potential environmental conditions that should be further evaluated during the site visit. The research tasks normally include:

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Government Records Review – review federal, state, and local governmental databases to identify potential environmental concerns on, or near the property.

Historical Records Review – review available historical records to identify past uses of the property and surrounding properties which are of potential environmental concern. This review may include:

- Aerial Photograph Review
- Historical City Directories
- Chain of Title Documents
- Historical Fire Insurance Maps
- Historical Maps/Zoning/Land Use Records
- Intertek-PSI Property Owner Environmental
- Questionnaire and Disclosure Statement

Reconnaissance – After completing the research tasks, Intertek-PSI performs a thorough visual inspection of the subject site and improvements. Additionally, Intertek-PSI performs a reconnaissance of neighboring sites, conducted from the subject site property boundaries.

The site inspection is performed by systematically walking the site to provide an overlapping field of view and noting site conditions and potential environmental concerns. Site inspections are performed both inside and outside of any structure and may include interviews with employees or other persons with knowledge of the site. Conditions which are specifically noted during the site inspection include:

- Underground or Above ground Storage Tanks
- Stressed Vegetation, Surface Staining, or Other Indications of Leaks or Spills
- Electrical Equipment which may contain PCBs
- Surface Anomalies/Environmental Stress Indicators
- Ponds, Pits, Lagoons, or Other Surface Water
- Condition of Grounds/Structures
- Current Disposal Practices
- Air Pollution Sources
- Hazardous Materials Usage and/or Storage
- Wells
- On-site and Off-site Property Usage
- Site Drainage and Utilities

Assessment Report – Intertek-PSI has developed a standardized Phase I Environmental Site Assessment Report which enables us to produce a consistent, quality report in a very cost effective manner. Our standardized report is consistent with ASTM guidelines and has been reviewed by hundreds of lending institutions.

As part of our commitment to quality, Intertek-PSI has also developed a senior author review process for all technical reports. Our designated senior authors are our most experienced assessors who have performed hundreds of audits. No reports are issued to a client until a designated senior author has reviewed and approved the report.

Our standard Phase I Environmental Site Assessment Report generally includes the following items:

- Purpose and Scope of Work
- Authorization and Access
- Findings (Research, On-site Reconnaissance, Off-site Reconnaissance)
- Summary and Recommendations
- Warranty
- Appendices (complete environmental research, site diagrams, photographs)



PHASE II ESAS

If the conditions observed in the Phase I study indicate that additional information is needed to determine the presence or absence of pollutants, Intertek-PSI recommends a Phase II assessment. Phase II assessments are extremely site-specific, and the scope of services is generally based on the findings of the Phase I report.

The sampling process encompasses the initial assessment, development of a specific sample plan, sample collection (including field measurement where necessary to obtain reliable results), field handling (e.g., filtration where determination of the dissolved fraction of metals is desired), and preservation and delivery of samples to the analytical facility (with consideration of special transportation and holding time requirements). Intertek-PSI's services are enhanced by in-house drilling. Intertek-PSI field personnel plan carefully to ensure that samples are representative that necessary field measurements are made, and that sample characteristics do not change significantly during the time between sampling and delivery to the analytical facility.

A typical Phase II scope of services may include:

- Soil vapor survey
- Soil and/or water quality testing
- Hazardous waste characterization of unknown materials
- Sampling and analysis of paint suspected to contain lead
- Sampling and analysis of materials suspected to contain asbestos
- Sampling and analysis for elevated radon levels
- Drinking water sampling and analysis for lead content

All procedures used to conduct a Phase II environmental assessment are consistent with applicable U.S. Environmental Protection Agency and State regulations, manuals, handbooks, protocols, and/or guidelines, as well as guidelines of other accepted authorities. Additionally, procedures for sampling underground media are consistent with those put forth under the sponsorship of the National Water Well Association (NWWA) and ASTM.

The turnaround time for a Phase II project is typically three to four weeks, depending on the needs of the individual client and the complexity of the suspected problem. If necessary, it can be expedited, with increased laboratory and field costs.

Soil borings and monitoring wells are the primary means of defining the subsurface characteristics necessary to evaluate the extent of environmental contamination from such sources as leaking underground storage tanks, landfills and dumps, and unlined ponds or pits. Soil borings help define the geologic setting and provide the means of collecting subsurface soil samples. Monitoring wells provide the equivalent hydrogeologic and groundwater quality data. These activities have become a large part of Intertek-PSI's drilling services.

Site Characterization/Contamination Assessment

When preliminary studies reveal the presence of contaminants, Intertek-PSI can provide a full range of assessment/characterization services usually required under regulatory scrutiny, including:

- Estimation of aquifer characteristics
- Pollution source identification
- Contaminant Fate & Transport
- Estimation of remediation costs
- Development of Site Characterization, Contaminant Assessment and Remedial Action Plans
- Implementation of a Remedial Investigation/Feasibility Study
- Preparation of a Site Risk Assessment
- Liaison with regulatory community

As with any complete site contamination assessment, the scope and magnitude of each of the above steps is dependent upon the findings of the previous level of investigation. In all cases, the report contents and the basic reporting formats are consistent with the requirements of the regulatory agency within whose jurisdiction the investigation is being conducted. The Contamination Assessment Reports developed by Intertek-PSI generally include:

- Site history and background information
- Drilling, sampling, well installation and testing methodology
- Regional and site-specific geology and hydrogeology
- Soil and groundwater sampling program
- Results of field and laboratory testing
- Vertical and horizontal estimates of contamination
- Site plans of sampling locations and analytical results
- Regulatory requirements and implications
- Summary, conclusions, and recommendations

Intertek-PSI's Accelerated Assessment Process

Intertek-PSI has developed an accelerated assessment process, which dramatically reduces time frames and costs for site characterization activities. This approach is fundamentally different from the conventional approach utilized by many of our competitors. The conventional approach is usually focused on installation of many monitoring wells, which are sited using limited data. As a result, site characterization can:

- Take months to generate a preliminary report
- Require several phases of investigation
- Delay corrective action decisions

Intertek-PSI's accelerated assessment process relies on the use of innovative, cost-effective techniques for collection of soil, soil gas, and groundwater data. An accelerated assessment is normally completed in a few days and incorporates the following features:

- Use of real-time assessment tools such as direct push well with mobile labs
- Field-generated data and on-site interpretation
- Modified Active Gas Surveys®
- FLUTe DNAPL assessments
- Membrane Interface Probe (MIP)
- Flexible, dynamic sampling plans
- Experienced personnel make sampling decisions in the field
- Use of multiple independent data sets to create a conceptual model

Remedial Design and Implementation

REMEDIAL DESIGN

Intertek-PSI provides remediation consulting services for clients who require cleanup of soil, groundwater or other contamination problems. We have designed and implemented remedial projects featuring:



- Removal of contaminant source
- Soil-vapor extraction
- In-situ Oxidation
- Carbon filtration systems
- Site capping
- Bioremediation
- Dual Phase Extraction
- Land-filling
- Air stripping
- Air sparging
- Natural Attenuation

Intertek-PSI provides design and consulting services for the selection of remedial action services and assists clients in the selection of contractors to construct and implement the recommended remedial programs.

This includes preparation of bid specifications, bid solicitation, selection of a contractor, obtaining all necessary permits from appropriate regulatory agencies, and monitoring of the remediation project.

Over the years, Intertek-PSI has built and refined standardized design tools such as spreadsheet design packages for various treatment system components. We also maintain an updated set of standard construction details for preparation of construction drawings. The Remedial Action Plan (RAP) design modules and construction drawings are continually improved based on actual field experience. Each RAP and construction package is put together in the same order, using the appropriate design modules. Using these tested standards, we can quickly put together a quality remedial design which will meet with regulatory approval.

In every remedial design, we take the site objectives and the site limitations into account. We incorporate flexibility in the design so that system modifications can be made as necessary to meet the cleanup objectives. We fully understand that not every site requires cleanup to the CTLs or requires a permanent type installation. Intertek-PSI has successfully performed many short-term remedial actions using our mobile air sparging/multi-phase extraction trailers and other in-house equipment.

RISK ASSESSMENT

Under conditions where alternative cleanup target levels are warranted, a risk assessment may be performed. Intertek-PSI utilizes a multi-tiered process, whereby potential health risks are characterized, and appropriate cleanup levels are derived based on criteria regarding exposure, toxicity, and acceptable levels of risk. Although not all the elements are required in each risk assessment, the ultimate goal is to characterize the cumulative risk from the contamination and to determine the feasibility of implementing new target levels.

The first tier typically consists of a comparison of contaminant concentrations at the site to generic, risk-based screening levels (RBSLs) to determine if additional evaluation or actions are warranted. If contaminant concentrations exceed the first tier RBSLs, Intertek-PSI performs a more intensive Tier II risk assessment. The Tier II risk assessment takes site specific parameters and risk factors into account and generally results in higher target cleanup levels, based on less conservative assumptions.

REMEDIATION TECHNIQUES DESIGNED & IMPLEMENTED BY INTERTEK-PSI:

- Soil Vapor Extraction
- Bioventing
- Thermal Treatment Air Stripping
- Bioremediation
- Chemical Oxidation Site Capping
- Dual Phase Extraction
- Land-filling
- Natural Attenuation
- Source Removal Carbon Filtration Pump & Treat

REMEDIATION ACTION IMPLEMENTATION

During remediation and operation, we provide on-site construction oversight, including:

- Project coordination
- Subcontractor oversight
- Verification of conformance with project plans and specifications
- Conformance to QA/QC and Health and Safety Plan
- Solutions to unanticipated problems
- Proper housekeeping and maintenance
- Approval of subcontractor request for payment
- Scheduled maintenance

LONG-TERM REMEDIATION EFFECTIVENESS MONITORING

Long-term monitoring of remediation activities is usually required to assess the effectiveness of cleanup activities over time. Intertek-PSI can provide long-term and remediation effectiveness monitoring to meet individual project needs. Our services can include design and implementation of long-term monitoring programs, including sampling, analytical services and operation and maintenance of systems. It is not necessary for us to use subconsultants to implement any required monitoring services.

Our field technicians are highly experienced with sampling protocols, industrial motor controls, electrical troubleshooting, pump and motor maintenance, and equipment repair. We maintain a continual dialog between the field technicians and project engineers to ensure that potential problems are quickly identified and corrected. To reduce maintenance costs, our field crews arrive on-site in fully stocked vehicles, ready to perform most any maintenance tasks. We attempt to utilize similar equipment on all sites so that vehicles can be stocked with repair parts. Intertek-PSI also utilizes telemetry units where appropriate to ensure that system up times are maintained. We utilize a standard telemetry package on all sites and maintain a dedicated computer which receives and reports all alarms.



ASBESTOS CONSULTING

The presence of asbestos, a known carcinogen, in a facility has led to a variety of actions to control and reduce human exposure to the mineral. Among these actions are laws which require that certain steps be taken when asbestos is present. In addition, many property owners voluntarily take steps to reduce the liability exposure resulting from the presence of asbestos-containing materials (ACM) in their facilities.

Intertek-PSI specializes in helping property owners meet the requirements of the law while reducing their liability exposure. We have developed several services to address ACM concerns:

Facilities Survey – We inspect facilities to determine if asbestos-containing materials (ACM) are present. The basic survey involves a visual reconnaissance, limited sampling and analysis, and a narrative report. We also offer assessment

surveys which meet AHERA requirements as well as surveys meeting specific client requirements.

Operations and Maintenance Plans (O&M) – We utilize survey results to develop O&M plans to assist property owners in managing ACM which will be left in place in the facilities. Since total removal is not always desirable,

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feasible, or affordable, most facility owners need a plan which allows the safe and effective management of ACM.

Training – Intertek-PSI can train client personnel in safe management of ACM, which is usually necessary if the O&M plan is to be effective.

Laboratory Services – Intertek-PSI has in-house NVLAP and AIHA accredited laboratories for analysis of bulk samples using Polarized Light Microscopy (PLM) and air samples using Phase Contrast Microscopy (PCM) and Transmission Electron Microscopy (TEM).

Architecture/Engineering Asbestos Removal Design – We develop specifications for removal projects if removal of any or all of ACM present is determined to be the desirable course of action. This includes preparation of project documents and assistance in qualifying and selection of removal contractors.

Air Monitoring/Construction Management – This service includes monitoring various aspects of the asbestos abatement project, performing air monitoring to ensure fiber levels are below allowed regulatory levels, and site clearance after the abatement project is finished.

LEAD BASED PAINT CONSULTING

Lead is a known health hazard. Human beings are exposed to lead from numerous sources, such as paint pigments, automobile and industrial emissions, etc. While adults may suffer various ailments from excessive lead in their blood, the groups most at risk are fetuses, infants, and children under seven. Excessive blood lead levels can seriously damage a child's brain and central nervous system.

These facts have led the federal government to issue regulations and guidelines which require Public and Indian Housing Authorities (PHA and IHA) to inspect their units for the presence of lead-based paint (LBP) hazards by 1994. If lead-based paint is found above a certain level, it must be abated. Under the Lead-Based Paint Poisoning Prevention Act (LBPPPA), levels equal to or greater than 1.0 milligram per square centimeter (1.0 mg/cm²) must be abated. These guidelines also prescribe an abatement threshold of 0.5 percent by weight. In cases where state or local regulations are more stringent, they must be followed.

Intertek-PSI offers consulting services which will help housing authorities, other public agencies and the private sector meet the lead abatement requirements of the Federal and State legislation. These services include the following:

- Hazard Identification Intertek-PSI's lead inspectors prepare a hazard identification plan which meets regulatory requirements. They will inspect and test painted surfaces in facilities as indicated in the hazard identification plan to determine if lead-based paint is present in amounts exceeding the action level. A final report will be prepared detailing the findings and recommending abatement actions.
- Architectural/Engineering Design of abatement projects, if removal of any or all lead-based paint is determined to be the desirable course of action. This includes preparation of project documents and assistance in qualifying and selecting removal contractors.
- Construction Monitoring of abatement projects. This service includes monitoring various aspects of the abatement project, performing air monitoring to ensure lead dust levels are below allowed regulatory levels, and wipe clearance after the abatement project is finished.
- Intertek-PSI employs only qualified lead inspectors, who are proficient in the field, to perform or supervise all tasks. Intertek-PSI inspectors supervise and direct field operations and testing, monitor compliance with abatement plans, oversee worker protection procedures, supervise LBP debris clean up and disposal, and perform clearance testing and certification.

INDOOR AIR QUALITY

Indoor Air Quality (IAQ) is an emerging concern to building owners, operators, managers, and tenants. Poor indoor air quality or “Sick Building Syndrome” can result in decreased worker productivity, higher insurance costs, lawsuits, forced evacuation or downtime, and broken or strained lease agreements. IAQ problems may be caused by numerous factors, including:

- Asbestos
- Formaldehyde
- Inorganic gases
- Inefficient HVAC systems
- Microorganisms
- Radon
- Tobacco smoke
- Volatile organic chemicals such as cooking or heating fuels, propellants, pesticides, cleansers and solvents, paints, varnishes, glues, and many others



The primary goal at Intertek-PSI is to provide quality services that fulfill real needs at the lowest reasonable cost. In other words, we never sell our clients services they don't need. In keeping with this philosophy, we have adopted a phased approach to indoor air quality consulting that allows us to tailor the services exactly to our client's needs and desires. Every indoor air quality problem is unique, and hundreds of variables may need to be considered to solve a specific problem. The first step in assessing an indoor air quality problem is to identify the conditions that may be at the root of the problem. This is our Phase I Indoor Air Quality Audit. It can include:

- Interviews with selected employees, supervisors and managers
- Inspection of the entire interior work area and the exterior of buildings
- Evaluation of HVAC system
- Evaluation of population/activity density
- Air sampling for specific contaminants

Following the completion of the Phase I Indoor Air Quality Audit, a report detailing all findings and recommendations for additional study or corrective action will be delivered to you. In many cases, the Phase I Audit is sufficient to identify the source or sources of any problems; at other times—due to the complexity of the situation—further study will be necessary to determine the nature of the problem. Under those circumstances Intertek-PSI can deliver the needed industrial hygiene services. This would usually include a more extensive or intensive sampling for contaminants identified by the Phase I Audit and may include a more detailed investigation of the ventilation system. In any case, the Phase II assessment will thoroughly identify any problems which the Phase I Audit, by reason of its more limited scope, did not resolve.

STORAGE TANK MANAGEMENT

Intertek-PSI is a leader in the underground storage tank (UST) and above ground storage tank (AST) management field, having conducted work on over 20,000 tanks nationwide in the last 20 years. We have developed a comprehensive tank management program to support site owners involved in the upgrade or closure of USTs and ASTs. Some of the services that we provide to tank owners/operators are as follows:

Compliance Inspections

- Evaluate compliance of equipment and procedures with Federal, state, and local requirements
- Leak testing and evaluation

- Retro-fit cost estimating
- API 653 and STI Tank Integrity Testing

Tank Installation And Upgrade Management

- Assist owner in determining whether to upgrade or close existing tanks

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- Assist owner in determining appropriate equipment
- Prepare detailed construction drawings
- Prepare detailed construction specifications
- Prepare purchase requisitions for equipment
- Pre-qualify potential bidders
- Prepare request for quotation
- Conduct pre-bid meeting
- Bid evaluation
- Prepare contract for construction
- Quality control and inspection
- Change order review
- Contract close out
- Punch-list
- Start up

Tank Removal/Closure

- Soil and groundwater sampling and analysis according to regulatory requirements
- Regulatory notification
- Ensuring a proper and safe approach for removal/in-place closure
- Documentation of the proper disposal of tanks and contents, and contaminated material
- Preparation and issuance of closure report for submission to regulatory agency

Corrective Action

- Soil and Groundwater Assessments
- Risk Assessment
- Corrective Action Plans
- Remedial Construction
- Operation and Maintenance of Remedial Treatment Systems

REGULATORY COMPLIANCE

Intertek-PSI has provided regulatory compliance assistance to corporate clients in virtually every state and EPA region, and we have expertise in most every major regulatory program. A summary of our experience in specific Federal regulatory programs follows:

Resource Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA) regulates the generation, storage, and handling of hazardous waste from cradle to grave, with primary focus on active facilities, but with authority to also address former RCRA operations under the Hazardous and Solid Waste Amendments (HSWA). RCRA consists of a complex set of definitions, rules, regulations, record-keeping requirements, and permitting procedures for generators, transporters, storage facilities, and disposal facilities handling hazardous waste. Also, non-hazardous petroleum underground storage tanks (USTs) are regulated under RCRA. Intertek-PSI's broad-ranged experience and activities associated with RCRA include:

- Waste Classification
- Container Labeling
- Preparedness and Prevention
- Tank Management
- Compliance Auditing
- Record-keeping and Training
- Biennial Reporting
- Best Management Plans
- RCRA Closure Permitting
- RCRA Part B Permitting
- Contingency Planning
- Waste Management Planning
- Pollution Prevention
- RCRA Facility Investigations
- RCRA Corrective Measures Studies
- Risk Assessment
- Solid Waste Management Unit Closures
- RCRA Compliance Audits

ECOLOGICAL CONSULTING

Intertek-PSI staff are experienced at gathering accurate and objective biological information to help our clients successfully address complex state and federal regulations protecting plants and animals and critical habitat. We provide services to a wide variety of clients including infrastructure developers, commercial land development companies, utilities, governmental and non-governmental agencies, and state and local governments. Our biologists, botanists and wildlife ecologists specialize in rare plant and animal surveys, natural community inventories, habitat availability assessments, ecosystem analysis and bird hazard analysis.



Intertek-PSI prepares biological assessments and biological evaluations to determine potential project impacts on proposed and listed candidate, threatened and endangered species. Intertek-PSI biologists provide habitat assessments and conduct determinate surveys for special-status plant and wildlife species including those protected under the federal and state Endangered Species Acts. Our staff has experience working within a variety of habitats and natural communities. Our biologists are familiar with species' habitat components, life histories, and agency-approved survey methodologies and we routinely consult with regulatory agencies to avoid, minimize, and/or mitigate habitat impact.

Intertek-PSI has all the necessary resources to design and implement ecosystem studies that allow for permitting and protection of natural resources during, and after development. Typical ecological consulting services provided by Intertek-PSI include:

- Aquatic habitat evaluations, fish sampling, benthic invertebrate sampling
- Compilation and analysis of baseline data and field inventory for listed/candidate and other special-status plants and animals
- Inventory and identification of special-status plants and animals by permitted staff specialists
- Implementation of agency-recommended protocols for presence/absence determination of special-status species
- Preparation of Biological Assessment (BA) documents
- Section 7 Consultation with USFWS
- Biological Assessments
- Natural Resource Evaluations
- Impact Assessments
- Endangered and threatened species evaluations
- Endangered and threatened species incidental take permitting
- Habitat management planning
- Invasive species assessments and control
- Land use/habitat mapping and aerial interpretation
- Plant inventory and surveys
- Watershed Management Planning
- Wildlife inventory and surveys
- Re-vegetation plans and landscape design
- Open space drainage projects incorporating wetlands, fish habitat improvements, and other bio-engineered features using native plants
- Watershed hydrology
- Physical habitat assessment and restoration
- Formal and informal consultation with USFWS and National Marine Fisheries Service and other state and local agencies

6. SKILLS AND EXPERIENCE OF PROJECT TEAM

PSI's success is based on our commitment to providing top-quality services to our clients and to maintaining a highly qualified staff of professionals. With experienced personnel dedicated to providing the highest level of customer service, our team has maintained more than 30 continuing contracts with requirements like those anticipated for this agreement and have provided environmental services on hundreds of municipality projects. We understand that services rendered under this contract will be performed on an as-needed, project-by-project basis as well as the requirement for rapid response and quick turn-around times for the City to complete projects quickly and remain responsive to their community and their commission.

ABILITY TO PERFORM

PSI employs numerous personnel and maintain a sufficient volume of environmental testing/surveying equipment to allow the management of a multitude of assignments at the same time for all services included in this contract. Due to the nature of the services that we provide to our clients (due diligence services, ecological services, industrial hygiene including asbestos, lead, mold, and indoor air quality consulting, and property assessment and remediation), several PSI's projects are performed under expedited timelines. PSI consistently manages various clients and projects on a regular basis. If a situation arises in which our clients require immediate assistance or a project workload requires additional resources, we can draw from additional offices located in Florida and throughout the United States.

PSI maintains a large volume of in-house equipment and has longstanding relationships with various equipment suppliers that allow our employees to meet our client's needs for expedited project timelines. PSI personnel are also equipped with smart phones, tablets, and laptops, and as needed which allows our clients immediate communication with us.

SUBCONSULTANTS

PSI is a full-service firm with total in-house capabilities; however, we endeavor to use M/WBE, SBE, and LBE certified subconsultants whenever qualified firms are available, and the project scope of work requires additional specialty services. We strongly advocate the use of M/WBE, SBE and LBE affiliates and have been previously recognized by the Florida Department of Transportation, among others, for our use of disadvantaged subconsultants. To demonstrate the capabilities of our project team, PSI has compiled brief summaries of our subconsultants follow.

RELATED PROJECTS EXPERIENCE

Pompano Beach City Lot (Pompano Beach Senior Center)

Groundwater Site Assessment, 2005 NW 9th Street, Pompano Beach, Broward County, Florida



Professional Service Industries, an Intertek company, on behalf of City of Pompano Beach completed a Site Assessment Report (SAR) for the Pompano Beach City - Lot, facility, located at 2005 NW 9th Street in Pompano Beach, Broward County, Florida. The SAR documents the sampling rationale, location, field methodologies and laboratory methodologies utilized. The field events were completed under the Broward County Environmental Permitting Division's (BCEPD's) Environmental Assessment and Remediation (EAR) License Number 1406.

The subject property consists of a 5.58± acre irregular-shaped land parcel, referenced by Broward County Folio Number 4842-34-27-0010. The subject property is improved with an approximate 8,900 square-foot structure constructed in 2022 and is occupied by the City of Pompano Beach Senior Center. The subject property has a land use code of 80-01 (Vacant Governmental). The objective of the Site Assessment Report is to delineate the identified onsite groundwater impacts documented in the TCAR dated July 6, 2022. Since no soil concentrations above Chapter 62-770, FAC were identified during the TCAR activities, the SAR scope of work did not include additional soil sampling.

The PSI team conducted well surveys to determine whether any public water supply wells, as defined in Chapter 62-550, FAC, are present within a ½-mile radius of the site, whether the site is located within the regulated wellhead protection zone of a public water supply well or well field, and whether any private water supply wells (including potable, irrigation, and industrial wells) are present within a ¼-mile radius of the site. Equipment decontamination, sample collection, field documentation, sample custody and laboratory analyses were performed in general accordance with methods prescribed by the FDEP and U.S. Environmental Protection Agency (EPA). A Site Assessment Reports (SAR) documenting field activities and observations, soil and groundwater analytical results, providing conclusions and/or recommendations was provided.

PSI reviewed the Florida Department of Health (FDOH) database and ERIS's Physical Settings Report for the presence of public water supply wells within a ½-mile radius of the site and private water supply wells (including potable, irrigation or industrial) within a ¼-mile radius of the site in accordance with Chapter 62-780.600(5)h, FAC. No wells were identified within the prescribed boundaries. Further, PSI conducted a visual area survey within ½

6. SKILLS AND EXPERIENCE OF PROJECT TEAM

mile around the property to identify potential wells not listed in the databases searched. No supply wells were identified. Services included:

- Monitoring Well Installation
- Groundwater Elevation Measurements
- Groundwater Sample Collection
- Groundwater Assessment Results
- Groundwater Analytical Results

Based on the results of the site assessment activities performed in 2022 and 2023, PSI recommended that the property owner begin the process for regulatory closure through a No Further Action with Conditions (NFAC). PSI recommended that provided deed restrictions be added to the property in order to achieve this regulatory closure status. Subsequent direction from FDEP has precipitated contamination cleanup design services which will prevent or minimize the release or migration of hazardous substances. Services are ongoing as of 12/2025.

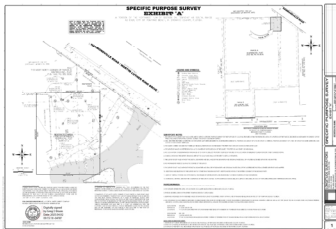
Client: City of Pompano Beach, 2005 NW 9th Street, Pompano Beach, Florida 33066

Contacts: Mr. Horacio Danovich, Go Bond and Innovation District Director | 954-786-7834 | horacio.danovich@copbfl.com - and - Mr. Fernand Thony, Go Bond Director | Fernand.Thony@copbfl.com | 954-786-7923

Dates: 09/2022-09/2025 (ongoing) | **PSI Fees:** \$59,435.00



UST Closure, Site Assessment, and Site Rehabilitation Completion Order (SRCO) Senior Center, Pompano Beach City, Florida



A former filling station/automotive dealership (Southern Oil Service) occupied the northeast portion of the property from approximately 1958 to 1962. During construction activities for the City of Pompano Beach Senior Center, the construction company found two 1,000-gallon capacity underground storage tanks (USTs) and associated piping that previously unknown.

In response to the discovery of the USTs, PSI mobilized to the site to begin tank closure and assessment activities. PSI successfully removed the USTs from the property and were able to perform the tank closure activities without delaying the construction occurring on the property. During assessment activities, petroleum contamination in the groundwater was identified. PSI submitted a Discharge Reporting Form (DRF) and Tank Closure Assessment Report (TCAR), registered the USTs with the Florida Department of Environmental Protection (FDEP) on the City of Pompano Beach's behalf, and began Site Assessment Report (SAR) activities.

As part of the SAR, PSI created and submitted, on behalf of the City, an application for environmental assessment and remediation license to the Broward County Board of County Commissioners. PSI then installed five shallow and one deep monitoring well to delineation the impacted groundwater in both the horizontal and vertical dimensions. PSI conducted four sampling events over approximately one year, PSI presented a No Further Action with Conditions (NFAC) RMO Level II proposal as defined in Chapter 62-780.680(2) of the Florida Administrative Code (FAC). After the approval of the NFAC proposal, PSI worked with the City obtain the required documentation for a Declaration of Restrictive Covenant (DRC) and negotiated on the City's behalf with the Broward County Environmental Protection and Growth Management Department (EPGMD), and the FDEP for a reduced size of restricted area to be placed as an institutional control on the property.

PSI was part of this environmental issue from when the USTs were first found through contamination assessment, and ultimately the environmental regulatory closure; all while maintaining the original construction and occupancy schedules. Based on the work that PSI did, this property has achieved a Site Rehabilitation Order with Conditions (SRCOC).

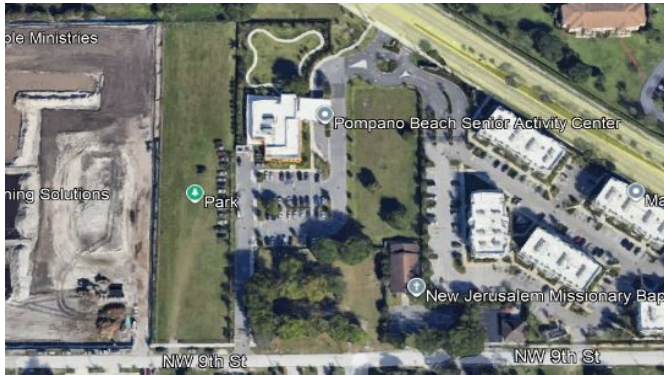
Client: City of Pompano Beach, 2005 NW 9th Street, Pompano Beach, Florida 33066

Contact: Fernand Thony, Go Bond Director | fernand.thony@copbfl.com

Performance Period: April 2022 – December 2025 | **Project Value:** \$84,775.00

Pompano Beach Senior Activity Center Conditional Closure

Environmental Review, Pompano Beach, Florida



PSI was contracted by the City of Pompano Beach to complete a site assessment at the property after two approximately 1,000-gallon capacity unidentified Underground Storage Tanks (USTs), with the former contents appearing to be a petroleum-based product, were discovered on the property during construction activities. The tanks were not registered, and the Florida Department of Environmental Protection (FDEP) had no prior information regarding the tanks upon their discovery. After the official identification of the tanks and the facility with FDEP (Facility ID No. 06/98190461), PSI worked to complete a Tank Closure Assessment Report (TCAR) for the client. This assessment involved groundwater sampling to determine if there was any potential contamination within the groundwater in the area surrounding the USTs. After analyzing the results of two groundwater sampling events, PSI identified petroleum analytes above their respective Chapter 62-777, FAC Groundwater Cleanup Target Levels (GCTLs) at the property. PSI recommended further site assessment activities be conducted, specifically within the area in which samples were taken that came back with results of elevated levels of contamination, to determine the extent of the area that was impacted.

The Broward County Environmental Protection and Growth Management Department (EPGMD) accepted the TCAR as well as PSI's recommendation to conduct further assessment, including obtaining an Environmental Assessment and Remediation (EAR) License for the facility. The purpose of the assessment was to investigate the presence of contaminants of concern within the soil and groundwater. PSI installed seven groundwater monitoring wells at the property and took quarterly groundwater and soil samples to monitor the levels of contamination at the property over a year to determine the impact of the contamination. The groundwater was analyzed in the laboratory by EPA Method 8260 for volatile organic aromatics (VOAs), EPA Method 8270 for SIMS for polycyclic aromatic hydrocarbons (PAHs), and laboratory analytical method Florida Petroleum Residual Organics (FL-PRO) for total petroleum hydrocarbons (TPH). Each quarter the groundwater samples were analyzed, and the results were submitted in a report to the EPGMD.

Upon the completion of the quarterly sampling events, PSI submitted a No Further Action with Conditions (NFAC) Proposal to the Broward County Environmental Permitting Division. This proposal would give the property the ability to continue construction but have permanent restrictions on the use of groundwater and stormwater management on the property. The Division approved the NFAC on the provision that the requirements outlined in Chapter 62-780.680(2), FAC, have been met as well as the appropriate restrictions. These restrictions are usually memorialized in a Declaration of Restrictive Covenant (DRC), which includes the prohibition of groundwater use for any purpose, as the use of groundwater as a potable water source had the risk of impacting human health, public safety, and the environment. The property is also required to consult regulatory officials upon any changes in stormwater management systems or prior to the installation of irrigation wells, as to ensure proper water handling during dewatering and prevent exposure of the contaminated groundwater.

Client: City of Pompano Beach, 2005 NW 9th Street, Pompano Beach, Florida 33066 | **Contact:** Mr. Horacio Danovich, Project Manager. Horacio.danovich@copbfl.com | **Dates:** July / 2022 – January / 2025 | **PSI Fees:** \$23,235

Golden Bros -Soil and Groundwater Assessment & Remediation

Fort Lauderdale, Florida



This property is currently occupied by Sunbelt Rentals. The facility previously utilized a leaded gasoline underground storage tank (UST) that was removed on October 31, 1986. At that time, the report detailed a strong petroleum odor and soil discoloration while removing the UST. The cause and amount of the release were unknown, and a monitoring well (MW-1) was installed nearby. A small amount of free-floating product was found in the well.

Initial Assessment

In early 2013, the facility was enrolled in the Florida Department of Environmental Protection's (FDEPs) Low Score Site Initiative (LSSI). The results of the laboratory analysis conducted revealed carcinogenic polynuclear aromatic hydrocarbons (PAHs) in the soil exceeding Chapter 62-777, Florida Administrative Code (FAC) residential direct exposure (DE-I) Soil Cleanup Target Levels (SCTLs) within the former UST area. Groundwater monitoring wells were also installed for groundwater sample collection that reported PAH contaminants exceeding Chapter 62-777, FAC Groundwater Cleanup Target Levels (GCTLs).

Delineation

Since 2013, multiple assessment activities have been conducted to determine the vertical and horizontal extent of both soil and groundwater impact. Currently, soil impact has been reported adjacent to the east of the property on NW 58th Court which is owned by the City of Fort Lauderdale. Delineation activities are ongoing for soil impact and additional assessment activities are scheduled to commence in early 2026. Based on the presence of PAHs, it was determined that the impact reported was anthropogenic in nature and not source based, and the former UST was likely not the source of impact. Groundwater contaminants appeared to be dissipated over time via natural attenuation; however, groundwater continues to be monitored.

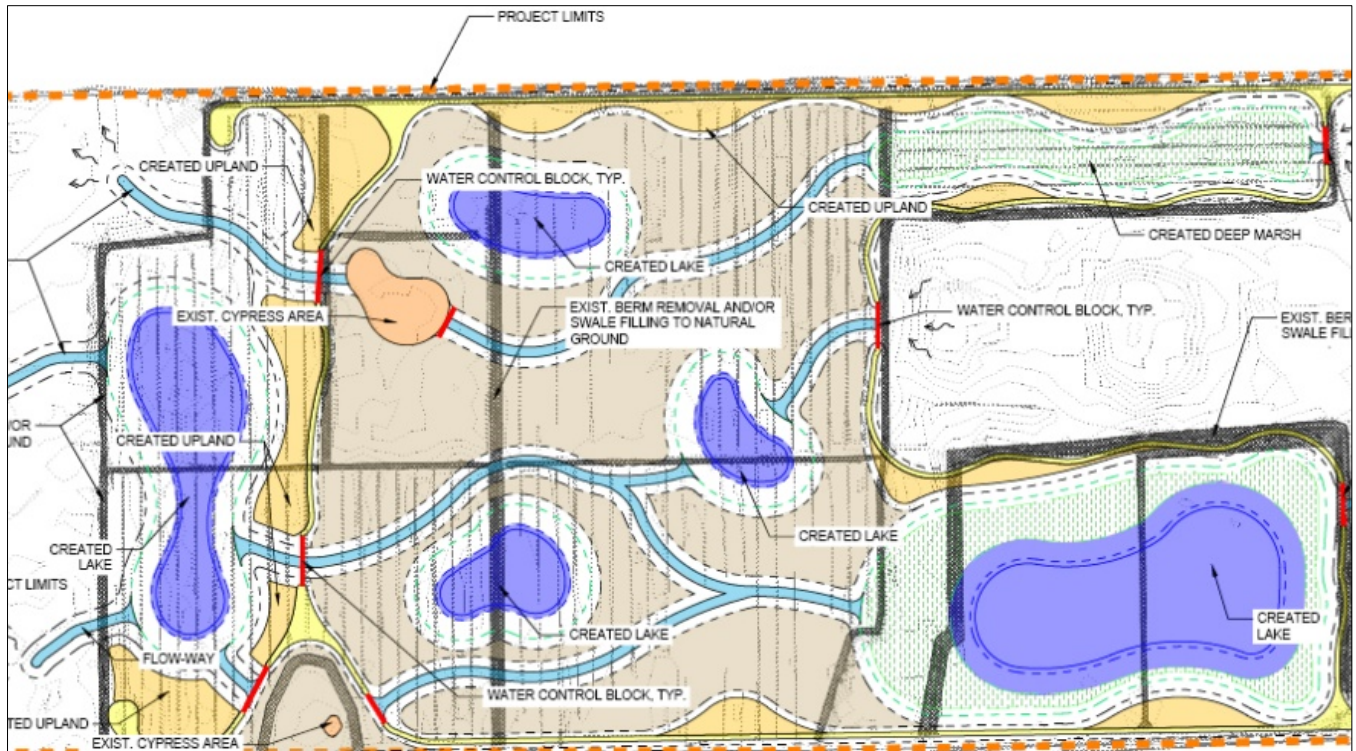
The current assessment activities conducted are under the FDEPs Petroleum Participation Program (PRP) which provides funds for assessment activities conducted. The process included coordination and communication with the client, the property owner, and Broward County.

Client: Florida Department of Environmental Protection

Dates: 02/2020-03/2021 | **PSI Fees:** \$25,347

Wild Turkey Strand Preserve

Lee County, Florida



The Wild Turkey Strand Preserve is approximately 3,100 acres and offers amenities to the public such as hiking trails, bird watching areas, geocaching, and picnicking. The Preserve was previously part of the Buckingham Army Airfield during World War II and agricultural activities dating back to the 1930s.

PSI originally began work in the Preserve in 2017, with a Phase II ESA, and supplemental soil and groundwater sampling activities. In 2023, Lee County developed a plan to use the former agricultural fields for a Water Enhancement and Restoration project to restore the natural water flow. The plan was to create greater hydration in the area by removal of fill and the enhancement of several flow ways throughout the Preserve. As part of the project, the soil removed from the rehydrated areas would be utilized for the planned expansion of Alico Road, a construction project nearby.



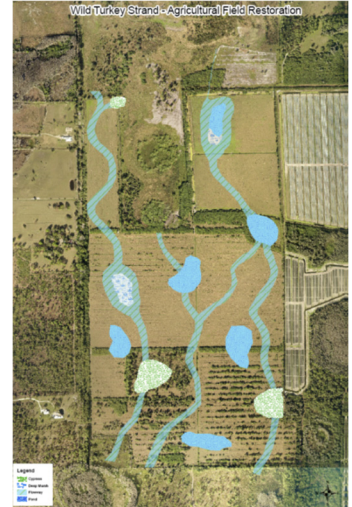
Based on this need, Lee County requested PSI prepare a Remedial Action Plan (RAP) to insure the proper environmental disposition of the soils known to contain arsenic at levels more than the Florida Department of Environmental Protection (FDEP) Soil Cleanup Target Levels (SCTL's), and organochlorine pesticides (OCPs), chromium, and mercury at concentrations which would represent a risk to Federal Trust Species by virtue of exceedances of the Sediment Quality Assessment Guidelines (SQAG).

The purpose of the RAP was to provide the procedures required for the permitting, excavation, relocation, and disposition of the impacted soils, and how the soils could be incorporated into the construction of the proposed Alico Road expansion. This work included the review of past sampling efforts, supplementary verification through the collection of additional soil samples to clarify concentrations of previously identified concentrations of concern (COCs),

6. SKILLS AND EXPERIENCE OF PROJECT TEAM

and development of the RAP. The RAP also dictated the requirements of the Health and Safety Plan (HASP), Stormwater and Surface Water Pollution Prevention Plan (SWPPP), Required Regulatory Permitting, and Utility Protection, prior to initiation of field activities. The RAP also included the risk factors to benthic macro invertebrate species associated with the placement of impacted soil in frequently flooded areas through a Screening Level Ecological Risk Evaluation (SLERA).

PSI submitted the RAP to the FDEP in September 2024 and was approved by the regulatory authority in December 2024. Through PSI's work with AIM Engineering on behalf of Lee County, the redevelopment of the Preserve, and the use of the use for the Alico Road expansion, has been approved to begin construction. When construction begin, PSI has been approved to perform the construction oversight to ensure that the requirements stated in the 2024 RAP are met. This oversight will be included in a Soil Management Oversight Report that is signed and sealed by a Florida Licensed Professional Engineer.



Client: AIM Engineering & Surveying, Inc., 2161 Fowler Street, Fort Myers, Florida 33901

Client: Mr. Daniel Schroeder, Project Manager | (239) 284-1911 | dschroeder@aimengr.com

Performance Period: October/2023 – September/2024 | **Project Value:** \$28,900.00

Edgewater House Condominiums | Soil Source Removal and UST Closure

Fort Lauderdale, Florida



The property was a former filling station/automotive dealership from approximately 1928 to 1952 before being redeveloped into a three-story apartment complex. During construction activities PSI was contracted by the client to delineate and remove petroleum impacted soil. Soil Source Removal: PSI created and submitted, on behalf of client, an application for environmental assessment and remediation license to the Broward County Board of County Commissioners. PSI then provided a field supervisor to oversee a private utility locating service to mark on-site utilities and the soil excavation activities by a Florida licensed contractor. Equipment decontamination and field documentation was performed with the methods prescribed by the FDEP. All excavated soil was directly loaded into semi-trucks for off-site disposal at a Class I landfill using proper manifest procedures. A total of 419.87 tons of soil was excavated and transported offsite for proper disposal. Soil samples were taken in the areas where soil delineation had not been achieved in the previous assessments to ensure the excavation of the site was fully delineated.

A Soil Source Removal Report was provided after source removal activities that included regulatory document requirement, daily logs, waste manifests for the soil disposal, and soil laboratory results. Soil Source Removal Report was reviewed by a PSI Principal Consultant and signed & sealed by a Florida Licensed Professional Engineer to be submitted to the EPGMD. UST Closure: During source removal activities, two approximately 350-gallon steel underground storage tanks (UST) and associated steel piping were found in the excavation area. PSI with able to assist the client in registering the USTs with the FDEP and the Broward County Environmental Protection and Growth Management Department (EPGMD), provided third-party oversight for the proper cleaning and removal the USTs from the site, sampling the soil and groundwater to ensure additional impacts were not created by the USTs' presence, and providing a Tank Closure Assessment Report signed & sealed by a Florida Licensed Professional Engineer to be submitted to the requisite regulatory agencies to obtain closure for the USTs; all while maintaining the original schedule outlined to the client for the source removal project.

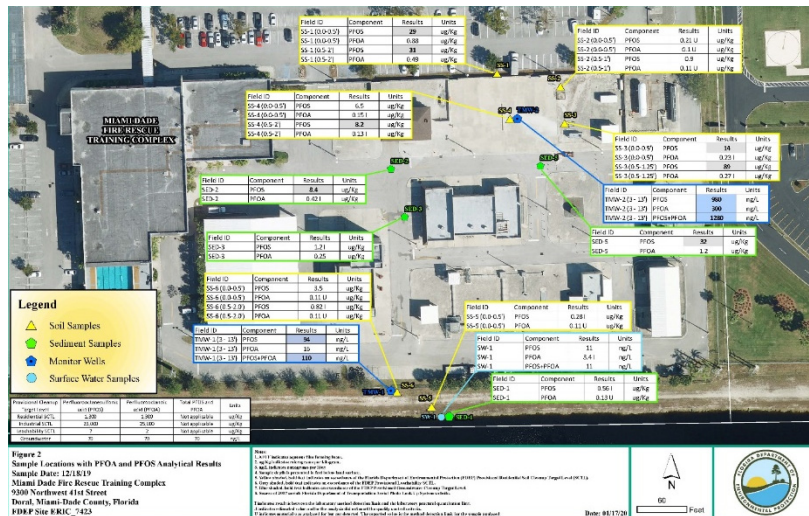
Client/Owner: 501 Aviva Owner, LLC

Client: Branson Spirk – Construction Contractor | 305-591-3007 | brandon@oceanland.com

Performance Period: November 2021 – January 2022 | **Project Value:** \$61,516.50

Fire Training Centers – PFAS Assessments

Various Sites, Florida



PSI performed preliminary site assessments at seven city and county-owned fire training facilities in South Florida as a Special Technical Project for the Florida Department of Environmental Protection. Historical documentation indicated that these facilities may have released **per- and polyfluoroalkyl substances** (PFAS) to the environment during training exercises. PFAS is contained in aqueous film forming foam (AFFF), which is typically used in fire suppression. The preliminary site assessments consisted of collecting soil, sediment, surface water, and groundwater

samples with subsequent analysis of PFAS by the FDEP analytical laboratory in Tallahassee, Florida.

Prior to field assessment, PSI developed Standard Operating Procedures, Work Plans and Site-Specific Health Plans for conducting the PFAS assessments and mobilized a field team to conduct on-site work. A ground penetrating radar survey was performed prior to subsurface testing to ensure clearance of underground utilities. Typically, shallow soil samples were collected from areas potentially affected by AFFF, along with surface water and sediment samples from drainage basins and retention ponds. Temporary wells were installed by a direct push drill rig for groundwater sample collection.

Deliverables, consisting of field notes, photo documentation, GPS coordinates of sample location, and groundwater sampling logs, were required for submittal to the FDEP within 24 hours of leaving the site. The second deliverable included the results of the sampling program and were required for delivery within 24 hours of receipt of laboratory results. Results of the studies indicated that PFAS was present in soil and groundwater at most of the facilities.

PSI worked closely with the Fire Departments for site access and notification of planned activities to minimize disruption to the Fire Stations during the assessments. PSI was able to meet the FDEP's budget and quality assurance specifications for each of the Fire Training Sites and successfully delivered all report documents within the required expedited schedule of 24 hours.

Locations:

1. City of Miami Fire Rescue Training Facility | \$17,555.85 | 02/2020
2. City of Hialeah Training Facility | \$17,881.23 | 02/2020
3. Miami Dade Fire Rescue | \$17,628.04 | 01/2020, 03/2020
4. Coral Springs Fire Academy | \$16,756.24 | 10/2019
5. Plantation Fire Dept Training Center | \$13,507.87 | 6/21/2019
6. Manatee Technical College Fire Academy | \$13,760.78 10/2019-11/2019
7. Englewood Fire Training Center | \$12,946.09 | 04/2019

Client: Florida Department of Environmental Protection, Site Investigation Section, 2600 Blair Stone Road, Tallahassee, Florida 32399 | **Contact:** Mr. David Phillips, Environmental Administrator | **Phone:** (850) 245-8705 | **Direct:** (850) 245-8952 | **E-Mail:** Dave.M.Phillips@FloridaDEP.gov
Performance Period: 01/2019-03/2020 | **PSI Fees:** \$110,036

6. SKILLS AND EXPERIENCE OF PROJECT TEAM

TEAM MATRIX / RESUMES INDEX

KEY PERSONNEL	PROJECT ROLE	CERTIFICATIONS/ REGISTRATIONS	Yrs. of Exp.	Avail- ability
E. John Emerson, CSP, CIEC, FLAC, FLMA Sr. Industrial Hygienist	Contract/ Projects Manager	Certified Safety Professional, CSP-31363, 2016 Council-certified Indoor Environmental Consultant, CIEC #1706009 Florida Licensed Asbestos Consultant, AX121 Florida Licensed Mold Assessor, MRSA442, 2010 EPA Certified Lead-Based Paint Risk Assessor (US), #FL-R-128860-1	28	70%
Angela C. Garzia, PE Chief Environmental Engineer	Sr. Technical Support	Professional Engineer FL #60085, 2002	28	15%
John H. Clary, CIE, FLMA Sr. Industrial Hygienist	Sr. Technical Support	Certified Indoor Environmentalist, 2006 Florida Licensed Mold Assessor, 2012	40	30%
Vicki B. Lewis, LEP, REPA, FLMA Sr. Industrial Hygienist	Sr. Technical Support	Licensed Environmental Professional #138 Certified Florida Environmental Assessor #294 Registered Environmental Property Assessor #5984 Florida Licensed Mold Assessor #MRSA268	39	30%
Mark Kalivoda, PE Project Environmental Engineer	Assistant Contract Manager	Professional Engineer, State of Florida PE#86684, 2019	12	60%
Jeremy Cottrell, LEP Senior Environmental Specialist	Projects Manager	Licensed Environmental Professional, FL #343 FDEP Certified Stormwater, Erosion, & Sedimentation Control Inspector #7026	27	75%
Andrew Morris Environmental Scientist	Environmental Scientist	FDEP Sample Collection & Analysis of Surface Water, Groundwater, Drinking Water & Wastewater	12	50%
Edrick Ramos, PhD Environmental Scientist	Environmental Scientist	FDEP SOP for Water, Groundwater Sampling, and Meter Testing, 2024	10	50%
Tassanee Craig Environmental Scientist	Environmental Scientist	FDEP SOP for Water, Groundwater Sampling, and Meter Testing, 2024	8	50%
Diana Placeres Project Industrial Hygienist	Industrial Hygienist	AHERA Asbestos Supervisor, Building Inspector, & Management Planner	10	80%
Manuel Porras Sr. Environmental Technician	Environmental Technician	AHERA Asbestos Contractor/Supervisor, & Building Inspector	34	80%
Jorge Cabrera Environmental Technician	Environmental Technician	Water Well Contractor, FL #11378 AHERA Certified Asbestos Inspector & Contractor/Supervisor	12	50%
Stephanie Chapman Staff Industrial Hygienist/Technician	Environmental Technician	AHERA Certified Asbestos Inspector	4	80%

--- FULL RESUMES FOLLOW ---



E. JOHN EMERSON, CSP, CIEC, FLAC, FLMA SR. INDUSTRIAL HYGIENIST/ PRINCIPAL CONSULTANT

MIAMI & FORT LAUDERDALE, FL

STARTED WITH PSI: 2010 | YEARS OF EXPERIENCE WITH OTHER FIRMS: 13

EDUCATION

Associate of Science, Environmental Science, Broward College, 2007

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- Certified Safety Professional, CSP-31363, 2016
- Council-certified Indoor Environmental Consultant, CIEC #1706009
- Florida Licensed Asbestos Consultant, AX121, 2021
- Florida Licensed Mold Assessor, MRSA442, 2010
- EPA Certified Lead-Based Paint Risk Assessor (US), #FL-R-128860-1
- AHERA Certified Asbestos Inspector (FL)
- EPA Certified Asbestos Supervisor & Management Planner (FL)
- EPA Certified Asbestos Project Designer (FL)
- NIOSH 582 Equivalent Trained
- Registered Asbestos Analyst (AIHA)
- Radiation Safety Officer-PSI
- Certified X-Ray Fluorescence Device Operator-PSI
- GSSI Certified GPR Technician
- Qualified Stormwater Management Inspector
- OSHA 40-Hour HAZWOPER
- OSHA 10-Hour Construction Safety
- PSI Principal Consultant, IAQ/Mold/IH service
- PSI Project Manager Certification Program (PMCP)

MEMBERSHIPS/AFFILIATIONS

- Member American Society of Safety Engineers (ASSE)
- Associate Member American Industrial Hygiene Association (AIHA)
- Supporting Member Florida Healthcare Engineering Association (FHEA)

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Emerson has over 25 years of experience in the environmental industrial hygiene field. As the manager for PSI's South Florida and Caribbean environmental operations, he is responsible for overall management of the department, including planning, growth, profitability, cost control, employee development, quality control, and client relations. He has successfully managed hundreds of asbestos, lead-based paint, industrial hygiene, and indoor air quality projects as well as ongoing oversight of the senior personnel providing Phase I/II Environmental Site Assessment (ESA) due diligence, Soil and Groundwater Contamination Assessments, Site Characterization and Remediation, SPCC Plans, SWPPP, NPDES, UST Management, and permitting assistance.

REPRESENTATIVE PROJECT EXPERIENCE

Miami-Dade County Continuing contract to provide Environmental Materials Testing, Consulting, & Training Services (2015-2024) – PSI has provided IAQ/Mold/IH Services, Asbestos Services/Lead Based Paint Consulting and contamination assessment services on hundreds of projects under continuing contracts with the County. Services have

been performed under these contracts for multiple County departments. **Role:** Contract/Projects Manager

City Hall Bldg. 3rd Floor Asbestos Assessment & Abatement Services, Coral Gables, FL (2024) – Subsequent to our Asbestos Survey activities, PSI was retained by the City of Coral Gables to provide Asbestos abatement oversight including air monitoring and project management services at the city hall building attic space. The inspection was conducted by U.S. Environmental Protection Agency (EPA) accredited inspectors under the direction of Mr. John Emerson, CSP, FLAC and PSI Principal Consultant Mr. Michael Rothenburg.

Florida International University (FIU) AHC2 Anatomy Lab: Asbestos and Lead Based Paint Survey & Visual Mold/Fungal and Hazmat Assessment, Miami, FL (2023) – PSI performed surveys for asbestos-containing materials (ACM) and lead-based paint (LBP) and visual assessments for mold and Hazardous Materials (HAZMAT) of the renovation areas of FIU AHC2 Anatomy Lab (subject site). The subject site was constructed of concrete slab floors, concrete block walls and concrete deck roof. Interior finishes consist of finished drywall panel walls, Carpeting, vinyl tile, epoxy flooring and lay-in tile ceilings. The area surveyed occupies approximately 4,227 square feet of floor space. **Role:** Project Manager

FAU Heritage Park Towers HP-89: Environmental Services, Boca Raton, FL (2020) – The subject area consists of the roof and roof-mounted equipment on two (2) multi-story student housing towers and lobby with a clerestory connecting the towers. The PSI team provided an asbestos and lead-based paint renovation survey and visual hazardous materials and mold assessment. **Role:** Project Manager

Limited Lead Screenings – Miami-Dade County Head Start, 101 Locations, Miami-Dade County, FL (2022) – The scope of services included limited paint sampling from the interior and exterior of each facility as well as a single drinking water sample from each building/unit at each facility. The screenings were conducted in general accordance with EPA guidelines; however, its limited nature was not intended to meet the strict requirements of a U.S. Department of Housing and Urban Development (HUD) or OSHA survey. A separate final letter report documenting the findings was issued for each facility. Each report was reviewed by a PSI Principal Consultant. **Role:** Contract/Project Manager

Miami Beach Convention Center: Mold & Limited Indoor Air Quality Assessment, Miami Beach, FL (2021) – PSI conducted a Mold and Limited Indoor Air Quality (IAQ) Assessment of select areas within the 1st, 2nd and 3rd floors of the Miami Beach Convention Center following the recent \$640M renovation. The heating, ventilation and air conditioning (HVAC) system was de-energized for extended periods in 2020 due to non-occupancy of the facility because of the Covid-19 pandemic. Several water intrusion and condensation issues were reported throughout the facility which raised concerns about potential mold contamination and the effect on overall indoor air quality throughout. PSI services include visual inspection, air testing, moisture testing, IR testing, fungal surface sampling and testing, remediation recommendations, as necessary. **Role:** Contract/Project Manager

Paseo de la Riviera Construction Site – Baseline Noise Monitoring Services, Coral Gables, FL (2018) – Concerns about increased noise levels associated with site development activities underway at the subject property prompted the request for PSI to conduct baseline noise monitoring at the site. The scope of work included continuous (24-hour) noise monitoring for seven (7) days using Quest Technologies dosimeters at two (2) locations specified by the client where the highest anticipated noise levels would be on the site. The monitoring was conducted between February 25, 2018, and March 6, 2018, by PSI staff under the guidance of John Emerson, PSI Principal Consultant and Certified Safety Professional (CSP).

WTP Mercury Vapor Sampling – 5 sites, Miami-Dade County, FL (2018) – Under continuing contract with the MDC Water & Sewer Department, PSI was retained to perform employee exposure sampling for OSHA compliance during the use of mercury recovery machines and to collect waste samples for Toxic Characteristic Leaching Procedure (TCLP) analysis to determine hazardous waste classification at the five (5) locations referenced below. By initiating this project, WASD has sought to ensure compliance with current regulations concerning airborne exposure levels and waste disposal. **Role:** Project Manager/Senior Industrial Hygienist.





ANGELA C. GARZIA, PE
CHIEF ENGINEER | QA-QC OFFICER
PRINCIPAL CONSULTANT
 ORLANDO, FL

YEAR STARTED WITH PSI: 1997 | EXPERIENCE WITH OTHER FIRMS: 1

PROFESSIONAL EXPERIENCE

Ms. Garzia has over 25 years of experience in the environmental assessment and remediation field and is responsible for overall management of various types of projects, including Phase I and Phase II ESAs, tank closure assessments, tank system specifications and replacements, soil and groundwater sampling and analysis plans, pilot study activities, source removal activities, contamination assessments, and remedial action plans. Her assessment experience includes both petroleum and non-petroleum contaminants, including solvents, metals, pesticides/herbicides, and polychlorinated biphenyls (PCBs). As a result of her experiences as a field technician and project manager, she accumulated the knowledge and experience required to perform various facets of a typical and atypical environmental project.

Ms. Garzia collaborates on projects for various types of clients, including developers, municipalities, school boards, private property owners and potential buyers, and the Florida Department of Environmental Protection (FDEP). She has served as the Co-Manager for PSI's Petroleum Contamination Site Cleanup Contract with the Florida Department of Environmental Protection (FDEP) since 2009. Her extensive work with municipalities has also enabled her to be involved with several Brownfields designated sites. Additionally, Ms. Garzia has fulfilled the position of Quality Assurance/Quality Control (QA/QC) Officer for all of PSI's operations located in the State of Florida. Related responsibilities include communications with the FDEP regarding FDEP's Field Standard Operating Procedures (SOPs) and assisting/training QA/QC personnel in PSI's Florida offices. As a Chief Engineer, Ms. Garzia also provides senior technical assistance with assessment and remediation projects to PSI's nationwide environmental services operations.

REPRESENTATIVE PROJECT EXPERIENCE

Florida East Coast Railway Company, Dania Beach, Florida – Project Manager for site assessment and remedial activities for a railroad rental property located in Dania Beach, Florida. Site activities include the assessment of impacted soil and groundwater, pilot study activities, and preparation and implementation of a Remedial Action Plan for a groundwater plume that extends more than 40 feet below the groundwater table surface.

EDUCATION

B.S., Environmental Engineering,
 University of Florida, 1996

**CERTIFICATIONS/REGISTRATIONS/
 TRAINING**

Professional Engineer FL #60085, 2002
 OSHA 40 Hour Safety Training for
 Hazardous Waste Sites
 OSHA 8 Hour Refresher Safety Training
 for Hazardous Waste Sites
 Phase II Environmental Site Assessment
 Project Management, PSI
 PSI Project Manager Certification
 Program, 2002
 PSI Principal Consultant Certification
 Program, 2005
 Environmental Site Assessment
 Practices for Commercial Real Estate
 (Phase I), 1997

AFFILIATIONS/MEMBERSHIPS

Florida Engineering Society (FES)
 American Society of Civil Engineers
 (ASCE)
 Central Florida Chapter of U.S. Green
 Building Council (USGBC)
 Central Florida USGBC LEED for Schools
 Central Florida Association of
 Environmental Professionals
 Committee Member/Vice Chair



Rocket Fuel, Davie, FL (2014-2024) – Senior contract/engineering project management for soil and groundwater assessment, natural attenuation monitoring (NAM) of groundwater, remedial action plan design, groundwater injection events, and post-injection performance groundwater monitoring events to address petroleum-impacted groundwater under the State of Florida PRP program. The remedial design included the injection of a 10% calcium peroxide (CaO₂) solution into the shallow aquifer zone. The RAP was approved, and the injections were conducted in October 2022. PSI performs quarterly post-injection performance groundwater monitoring events to evaluate groundwater trends for the contaminants of concern and to determine if additional targeted injection areas are needed during subsequent injection activities. Monitoring is ongoing.

Five Star Food Mart, Hollywood, FL (2017-2023) – Senior contract/project management and engineering services as required for site soil and groundwater assessment, remedial action system plan design, and remedial action system construction/installation to address petroleum-impacted soil and shallow groundwater under the State of Florida PRP program. Several technologies were evaluated for use at the site in the 2020 RAP. The approved remedial design includes an air sparge/soil vapor extraction (AS/SVE) system. The system construction/installation activities with start-up and O&M activities were conducted in February 2023. Monitoring is ongoing.

Embry-Riddle Aeronautical University, Daytona Beach, Florida – Project Manager for a comprehensive site assessment due to petroleum discharges caused when tornadoes damaged over 50 training airplanes. The site activities included numerous soil borings/samples, and the installation and sampling of shallow and deep double-cased groundwater monitoring wells. Site assessment activities are still ongoing. The project will likely lead to remediation of petroleum-impacted soil and groundwater.

Proposed Fire Station #2, Orlando, Florida – Project Manager for site assessment and remediation of a former junkyard. The contaminants of concern identified in the site soil included petroleum, metals, and PCBs. PSI assisted the site General Contractor in performing test pits and soil sampling to determine the extents of the extensive buried debris and impacted soil. PSI is coordinating with the GC, the property owner, and the FDEP to perform source removal of both non-hazardous and hazardous waste, impacted soil, and the debris. The goal of the project is to achieve regulatory closure.

City Block, Orlando, Florida – Project Manager for a large-scale Phase II ESA for a multi-parcel property located on the south side of Downtown Orlando. The assessment activities included 75 soil borings and 30 temporary monitoring wells performed to assess various on-site and off-site Recognized Environmental Conditions, including vehicle maintenance areas, hydraulic lifts, a historic lumber yard, a citrus processing plant, a historic gasoline station, a pesticide company, a refrigeration repair company, and a historic dry cleaning facility. The Phase II ESA identified various areas of impacted soil and groundwater. Supplemental assessment activities concluded with the source removal of three areas of soil impacted by petroleum products, metals and cyanide.

Holly Hill Public Works Building - Remedial Action Plan, Holly Hill, FL (2017-2018) The subject property is an active public works facility wastewater and water treatment plant facility owned and operated by City of Holly Hill. (FDEP Petroleum Restoration Program: FDEP Facility ID #64/8622780) The former 12,000-gallon underground storage tank (UST) was located southeast of the existing Public Works Office and removed in 2007. The site safety health and safety plans include all site reconnaissance activities, soil and groundwater sampling activities, installation of monitoring and remediation related wells, soil boring/soil sampling, pilot testing related activities, and field data collection associated with the preparation of a Remedial Action Plan and/or Addendums. PSI deliverables included HASP; brief site history summary and HSW; Site Recon field notes, site photos and updated site plan; and RAP Meeting Minutes; Supplemental Site Assessment Report; formulate a remedial strategy using current groundwater analytical data obtained during Task 2. Schedule and conduct a Pre-RAP teleconference with the City of Holly Hill Department of Public Works and LP/DEP, documenting the proposed remedial strategy. Prepare one-page letter report, briefly outlining the proposed strategy, with meeting notes attached; and a Level 1 Limited Scope Remedial Action Plan. **Role:** Senior management and engineering services



Various Lift Stations, Orange and Seminole County, Florida – Project Manager for proper tank closure assessment activities for numerous City of Orlando lift stations. Activities include oversight and documentation during tank removal and replacement per State of Florida 2009 upgrade requirements, and assessment activities to obtain county and state regulatory closure for the former tanks.

Various Properties, Florida – Project Manager for various non-Preapproval LUST sites located throughout the state of Florida. Site activities include the assessment of petroleum-impacted soil and groundwater, and the preparation and implementation of Remedial Action Plans.

Bus Maintenance Facility, Seminole County, Florida – Preparation of a Bid Specification Package to Upgrade Petroleum Underground Storage Tanks to comply with Florida Department of Environmental Protection's 2009 Deadline for a bus maintenance facility in Seminole County, Florida. The site activities also included the oversight of the tank upgrade and waste oil product piping upgrade activities, and the tank and piping closure assessment activities. The new tank system included four 20,000-gallon USTs. The site was granted a Site Rehabilitation Completion Order following groundwater monitoring subsequent to the source removal activities performed during the tank upgrade.

Daytona Beach Airport, Volusia County, Florida – Designed an Airplane Wash facility for an aeronautical school located in Volusia County, Florida. The facility was designed to follow the requirements of the local municipalities, the St. Johns River Water Management District, and the Florida Department of Environmental Protection.

Water Management District, Florida – Performance of a remediation pilot study for large tracks of land scheduled to be flooded for ecological reasons. The plots were impacted with metals and pesticides. The pilot study activities included scraping soil off of the properties with large excavators, mapping out any remaining soil-filled cavities in the limerock subsurface, collecting soil samples for laboratory analysis and performing statistical analysis of the data.

Municipal Client, Florida – Project Manager for the preparation of a Feasibility Study (FS) for a solvent plume located in a densely populated urban area. The FS is used by the EPA in determining the best cause of action to remediate the urban area, which has since been designated as a Superfund Site.

Lumber Yard, Boynton Beach, Florida – Project Manager for a solvent plume located in Boynton Beach, Florida. Project activities included the assessment and delineation of on-site solvent-impacted groundwater, preparation of a Remedial Action Plan, and remediation of the solvent plume. The approved remediation for the site included in-situ chemical oxidation of the groundwater plume using a permanganate product. The site was granted a SRCO following the remediation activities.

City of Gainesville CRA, Gainesville, Florida – Project Manager for site assessment, including soil vapor assessment for a former fleet vehicle maintenance facility. Contaminants of concern included chlorinated solvents. Following positive identification of vapor intrusion into the building, developed a vapor mitigation system including a retroactive vapor barrier and vapor capture and treatment system for the existing building.

HW Lochner – Professional Engineer for a CSER project as part of a Project Development and Environmental (PD&E) Study for roadway expansion known as the Midway Road Corridor, which consists of an approximate 2.2 mile stretch of land along Midway Road in St. Lucie County generally extending from the Florida's Turnpike (west) to the north fork of the St. Lucie River (east). The CSER lead to PCA activities along the study corridor and at four proposed pond locations. All work was conducted in accordance with Chapter 22 of the FDOT PD&E Manual.





JOHN H. CLARY, CIE, FLMA
SENIOR INDUSTRIAL HYGIENIST
PRINCIPAL CONSULTANT

ORLANDO, FLORIDA

STARTED WITH PSI: 1999 | YEARS OF EXPERIENCE WITH OTHER FIRMS: 14

EDUCATION

- Stuttgart American High School, Germany

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- Certified Indoor Environmentalist, 2006
- Florida Licensed Mold Assessor, 2012
- EPA AHERA Asbestos Inspector & Contractor/Supervisor
- EPA certified Lead-Based Paint Inspector, & Contractors/Supervisor
- NIOSH 582, 1991
- HRS Radon Measurement Technician, 1994
- Basic Risk Management, 1995
- Phase I Site Assessments, 2002
- Indoor Air Quality Assessments, 2002
- Principal Consultant – IAQ/Mold, 2012

AFFILIATIONS/MEMBERSHIPS

- Asbestos Analyst Registry (AAR)
- American Industrial Hygiene Association (AIHA)
- United States Green Building Council (USGBC)

PROFESSIONAL EXPERIENCE

Mr. Clary has over 40 years of experience in the environmental industrial hygiene field. His current responsibilities include asbestos, lead-based paint and indoor air quality projects. Responsibilities include project management, conducting asbestos sampling of suspect material and determining exposure assessments. As a project monitor, he acts as the client's representative during abatement projects, conducting air sampling and analysis as well as ensuring site-specific specifications are followed and federal and state regulatory compliance is maintained and achieved. As a project designer, Mr. Clary has extensive experience in the design of technical asbestos and lead-based paint abatement specifications for site remediation and/or renovations, including abatement cost estimation, removal scope determination, preparation of plans indicating areas of abatement and contract administration.

Mr. Clary also is experienced in investigating indoor air quality concerns relating to sick building syndrome. He is proficient at taking measurements using various monitors and collecting samples needed to determine the health of a building. He interprets data from measurements and analyzed samples and recommends remedial action. Mr. Clary is a PSI Principal Consultant relative to indoor air quality and mold projects providing guidance and expertise to PSI associates.

In addition, Mr. Clary has vast experience in vertical construction ranging from foundation construction monitoring to roof installation monitoring. He is extremely familiar with facilities structures and roof systems. He has conducted various fastener withdrawal tests, wind uplift tests and roof moisture surveys. His project management experience includes field engineering, quality control, generating specifications and the associated fieldwork and reporting.



REPRESENTATIVE PROJECT EXPERIENCE

Miami Dade County Public Schools, Miami-Dade County, Florida – Conducted AHERA re-inspections and lead based paint surveys and specifications for removal of same in numerous schools throughout Metro-Dade County. Conducted the project monitoring and air sampling/analysis during removal of asbestos-containing materials.

Miami Dade County Parks and Recreation, Miami-Dade County, Florida – Project manager for asbestos related issues, including inspections, asbestos surveys, removal specifications and project/air monitoring and PCM analyses of same, final report writing.

Florida Institute of Technology – Performed IAQ evaluations/ investigations for: Sampling of air for microbiological activity, nuisance dust, and total volatile organic compounds.

Seminole Community College – Industrial Hygienist of a multi-phase indoor air quality project that involves the testing of HVAC systems and comparing results to applicable standards for institutional facilities. Microbial sampling to identify the presence of mold and assist in the remediation effort.

Central Florida School Facilities (Brevard, Seminole County Schools-K-12) – Project monitor responsible for compliance with all aspects of asbestos abatement including contract preparation, development of abatement design specifications, oversight of air sample collection and analysis and close-out documentation in final report form.

Miami International Airport, Miami, Florida – Project manager/supervisor responsible for the oversight of up to four employees conducting asbestos abatement monitoring, analysis of Phase Contrast Microscopy (PCM) air samples in accordance with NIOSH Method Number 7400 and visual observations to ensure compliance with local, state, and federal regulations.

Caribbean – Involved with surveys, assessment, and remedial projects within the Caribbean to include the U.S. Virgin Islands and St. Maarten. Team leader for asbestos and indoor air quality projects as part of demolition and/or renovation activities as part of redevelopment and revitalization of facilities and projects that incurred damage due to storms in the region.

Jones, Lang, LaSalle, Inc. – Conducted extensive mold investigation of a new hotel resort prior to building commission. The investigation consisted of visual observations of surfaces within the facility including microbial sampling to identify and quantify contaminants. All areas within the facility were addressed including elevator shafts and mechanical systems where concerns were identified.

Various National Insurance Companies – Conduct mold investigations in residential dwellings following moisture intrusions.

Center for Drug Free Living, Statewide, Florida – Industrial Hygienist to investigate complaints in suspect sick buildings in various school facilities by taking measurements and collecting samples of several environmental parameters, as well as making recommendations for the correction of abnormal results encountered.

Walt Disney Imagineering, Orlando, Florida – Inspector for asbestos survey for a theme park attraction encompassing over 160,000 sq. ft.

AT&T, Orlando, Florida – Project monitor for air monitoring oversight and analysis during building renovations for four communications facility

Colgate Plant, Jersey City, New Jersey – Project superintendent throughout abatement of all structures on the compound.

Pan Am Building, New York City – Project manager for the abatement of fireproofing from two floors at the facility.

World Trade Center, New York City – Project manager during the abatement of fireproofing from the 82nd floor of tower II.





VICKI B. LEWIS, LEP, REPA, FLMA
SENIOR INDUSTRIAL HYGIENIST
PRINCIPAL CONSULTANT

ORLANDO, FLORIDA

STARTED WITH PSI: 1991 | EXPERIENCE WITH OTHER FIRMS: 5

EDUCATION

B.A., Florida Atlantic University, 1989

**CERTIFICATIONS/REGISTRATIONS/
TECHNICAL TRAINING**

Licensed Environmental Professional
#138

Certified Florida Environmental Assessor
#294

Registered Environmental Property
Assessor #5984

Florida Licensed Mold Assessor
#MRSA268

EPA AHERA Asbestos Inspector &
Management Planner

Lead Inspector

RMD LPA-1 Certified

Phase I & II Environmental Site
Assessment Field Methods, PSI

Environmental Professional - Phase I ESA,
PSI

OSHA 40-Hour HAZWOPER

Uniform Mitigation Assessment Method
(UMAM) Training

U.S. Housing of Urban Development
(HUD) Environmental Review Procedures
Training

MEMBERSHIPS/AFFILIATIONS

Florida Environmental Assessors
Association, Inc.

Central Florida Environmental
Professionals Associations

National Registry of Environmental
Professionals

Florida Healthcare Engineering
Association

PROFESSIONAL EXPERIENCE SUMMARY

Ms. Lewis has over 35+ years in the environmental field. She is an EPA-certified asbestos and lead inspector, an EPA-certified asbestos management planner, a Florida Licensed Mold Assessor, and a Licensed Environmental Professional. Ms. Lewis also directs and manages the Phase I ESA Program in Orlando, Florida and other Florida operations, conducting ESAs and surveys to include components relevant to the All-Appropriate Inquiry (AAI), U.S. Housing and Urban Development (HUD), and Federal Communication Commission (FCC) National Environmental Policy Act (NEPA).

Ms. Lewis is also involved in senior technical review on a national level in coordination with PSI's corporate marketing group for major portfolios conducted throughout the United States and abroad. The projects have included both developed and undeveloped properties to include commercial, residential and industrial properties, and large acre tracts of land. Previously, Ms. Lewis was responsible for directing the technical services in the asbestos division. Her responsibilities included communicating survey findings and observations to the clients, scheduling asbestos, lead and radon surveys, and construction and air monitoring assignments, interfacing with laboratories to discuss analytical results, implementing field and report quality control, scheduling completion of reports, and developing proposals.

REPRESENTATIVE PROJECT EXPERIENCE

dck Worldwide – USVI and St. Maarten. Client manager for baseline and post-renovation indoor air quality (IAQ) testing performed apartment complex on St. John, USVI and at the American University of the Caribbean School of Medicine to determine IAQ conditions prior to reoccupancy of the buildings as a result of the 2017 hurricane season. PSI completed a Limited Fungal Baseline Assessment and provided the client with information for the areas within the campus that may require remediation prior to reoccupancy. Subsequent to the baseline assessment, PSI provided post-remediation verification (PRV) testing upon completion of the renovations and repairs at the campus located in St. Maarten.

City of Sanford, Florida – PSI currently has a contract with the City to survey structures prior to demolition. PSI typically conducts the National Emission Standards for Hazardous Air Pollutants (NESHAP) asbestos



surveys. Ms. Lewis has both conducted these surveys and completed reports as per the client scope of work.

Florida Department of Management Services (DMS) – Participated in the preparation and implementation of an asbestos O&M plan for ten state-owned buildings located in Tallahassee, Florida. Ms. Lewis also serves as the Contract Manager for a current contract in place with DMS for industrial hygiene services and was the project manager for an emergency response for a facility that incurred water damage during the 2017 hurricane season. PSI was responsible for responding to the client's needs to complete an indoor air quality assessment within the building in order for the building to be reopened after the hurricane. This study was completed on an expedited time line.

Orlando Health: Orlando, Florida – Participate in the project management for a wide range of projects, and perform surveys on hospitals, retirement homes, nursing homes, multi-story office buildings, and residences. Part of the response team to assist Orlando Health with medical facilities after hurricane damage to ensure that areas were acceptable for occupancy.

Embry Riddle Aeronautical University – Project manager for volatile organic compound (VOC) testing for an on-site office building and classroom. PSI was requested to conduct VOC testing within the building in order to determine whether VOCs above regulatory thresholds were present inside the building due to a re-roofing project where the bonding adhesive fumes had migrated into the building. Air samples for VOCs were collected using a vacuum canister with a laboratory provided regulator calibrated for sample collection over a four-hour period in general accordance with U.S. Environmental Protection Agency (EPA) Method TO-15.

Walt Disney World; Orlando, Florida – Involved in conducting asbestos and lead-based paint surveys for various sites located within Disney facilities.

Confidential Client; Dallas, Texas – Participated in the preparation and project management for properties located in the eastern and southeastern region of the United States to ensure that State and Federal guidelines were implemented during asbestos surveys and asbestos abatement projects.

Resolution Trust Corporation; Atlanta, Georgia – Performed asbestos surveys on properties located in Puerto Rico. Coordinated operations and maintenance plan preparation for facilities identified to contain asbestos to ensure plans were prepared in accordance with the U.S. Environmental Protection Agency requirements and the Environmental Quality Board of Puerto Rico.

KB Home – Project manager for air monitoring and project oversight during the removal of approximately 4,500 linear feet of transite pipe located within an abandoned citrus grove.

Shades of Green (a U.S. Army owned and operated hotel facility) – Involved with mold evaluation conducted at the property during construction activities and coordinating abatement procedures to be undertaken by experienced mold abatement contractor.

Allstate Floridian Insurance Company – Involved in project management for insurance claims relative to mold investigation units within Allstate. Disseminate project information and ensure scope of work is understood by PSI field personnel and the client's time lines are met.

REH Capital, Inc. – Involved in microbiological evaluation conducted at a hotel in Kissimmee, Florida. Developed a project approach to meet client's objective. Assisted client in courses of action necessary during renovation and remodeling activities at the site.

Confidential Client – Project manager for investigation to address water intrusion and microbial growth issues due to faulty construction of an apartment complex within Florida. Discussed findings with PSI's CIH and the client to resolve issues identified.

Confidential Client – Project manager for IAQ investigation to determine site conditions of a retirement home. Investigation included collection of tape lift and air samples. Communicated findings to the client and worked with PSI's in-house CIH to address issues identified. Coordinated PSI's personnel involved in being on-site to provide project oversight during remedial activities at the facility.





MARK KALIVODA, PE

PROJECT ENGINEER

MIAMI, FL

STARTED WITH PSI: 2018 | YEARS OF EXPERIENCE WITH OTHER FIRMS: 5

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Kalivoda has 12 years of experience in the environmental engineering field. He has gained field and management experience through various types of projects, including the performance and preparation of National Environmental Policy Act (NEPA) Checklists, Phase I Environmental Site Assessments (ESAs), Phase II ESAs, tank closure assessments, soil and groundwater sampling and analysis plans for impacted sites, contamination assessments, and remedial activities throughout Florida and Puerto Rico

REPRESENTATIVE PROJECT EXPERIENCE

City Lot Site Assessment, 2005 NW 9th Street, Pompano Beach, Broward County, Florida | BCEPD License No. 1406 | FDEP ID No. 069819046 | PSI, on behalf of City of Pompano Beach completed a Site Assessment Report (SAR) for the Pompano Beach City - Lot, facility. The SAR documents the sampling rationale, location, field methodologies and laboratory methodologies utilized. The objective of the SAR is to delineate the identified onsite groundwater impacts documented in the TCAR dated July 6, 2022. The field events were completed under the Broward County Environmental Permitting Division's (BCEPD's) Environmental Assessment and Remediation (EAR) License Number 1406. **Role:** Project Manager | **Dates:** 2022-2023 | **PSI Fees:** \$23,235

Tank Closure Assessment, Miami International Airport, Florida (2020-2022) Project manager for the assessment and closure activities of two former fuel transportation pipes at the MIA Central Station. Work included a closure in place of the pipes, subsequent assessments of the surrounding area for petroleum impacts, and a Tank Closure Assessment Report. **Client:** Central Civil | **Contact:** Mr. Henry Camasta | 305.888.3344 | hcamasta@centralfcivil.com | **Role:** Project Manager

Fire Training Centers – PFAS Assessments, Various Sites, South Florida (2020) PSI performed preliminary site assessments at seven city and county-owned fire training facilities in South Florida as a Special Technical Project for the Florida Department of Environmental Protection. Historical documentation indicated that these facilities may have released *per- and polyfluoroalkyl substances* (PFAS) to the environment during training exercises. The preliminary site assessments consisted of collecting soil, sediment, surface water, and groundwater samples with subsequent analysis of PFAS by the FDEP Tallahassee

EDUCATION

- M.S., Environmental Engineering, University of South Florida, 2017
- B.S., Civil Engineering, University of Florida, 2012
- B.S., Environmental Engineering, University of Florida, 2012

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- Professional Engineer, State of Florida PE#86684, 2019
- Professional Engineer, Puerto Rico PE# 28723, 2023
- OSHA 29 CFR 1910.120 HAZWOPER 40 Hour Hazardous Workers, 2021
- EPA/AHERA Certified Asbestos Inspector, 2020
- Asbestos Inspector, Puerto Rico, ASB-0123-0008SI, 2023
- FDEP Stormwater Erosion and Sedimentation Control Inspector, Inspector Number 50681, 2022

MEMBERSHIPS/AFFILIATIONS

- American Water Works Association (AWWA)
- Colegio de Ingenieros y Agrimensores de Puerto Rico (CIAPR)



analytical laboratory. PSI met the FDEP's budget and quality assurance specifications for each of the Fire Training Sites and successfully delivered all report documents within the required expedited schedule of 24 hours. **Date:** 01/2019-03/2020 | **PSI Fees:** \$110,036 | **Role:** Field Technician

Assessment of Biscayne Bay Coastal Wetlands, South Florida (2019-2022) Project Manager for an Environmental Assessment using protocols developed by the U. S. Army Corps of Engineers and South Florida Water Management District for the assessment of agrochemicals, organochlorine pesticides, and arsenic impacted soils on the Biscayne Bay Coastal Wetlands; land to be incorporated into the Comprehensive Everglades Restoration Plan (CERP). Work included assessment of impact to cultivated areas as well as a summary report over 1,600 acres of District preserved lands to be incorporated into a District program. **Client:** South Florida Water Management District, **Contact:** Mr. Robert Taylor | rtaylor@sfwmd.gov | 561.603.9078 | **PSI Fees:** \$73,635 | **Role:** Project Manager

Soil Source Removal, Fort Lauderdale, Florida – Project Manager for assessment and remediation activities for a historical filling station. Activities consisted of excavation and disposal of polycyclic aromatic hydrocarbon (PAH) impacted soil, discovery and closure of two USTs, and obtaining regulatory closure from the Broward County Environmental Protection and Growth Management Department (EPGMD) and FDEP, 11/2021-12/2022.

Sewer System Evaluation Surveys (SSES) for public systems throughout Miami-Dade County, Florida (2018-ongoing) In accordance with Chapter 24 of the Miami-Dade County Code (MDCC), each privately or publicly operated sanitary sewer system needs to be evaluated on a periodic basis. Performed evaluations included inspections, smoke tests, and groundwater intrusion flow testing at eight Miami-Dade County schools.

SFWMD, Various Projects – Project Manager for a site assessment for the South Florida Water Management District. Work included assessment of impact to cultivated areas as well as potential point source concerns. Projects included the L-31 East Flow Way Wetlands, the Dante Fascell Visitor Center associated with the Biscayne National Park and several agricultural lands associated with the Biscayne Bay Coastal Wetlands, July 2020-ongoing.

ADDITIONAL REPRESENTATIVE PROJECTS

- Aquifer Storage and Recovery, Kissimmee River, FL (2022-ongoing)
- Collier Hogan Groundwater Study, Immokalee, FL (2022)
- New River Middle School Industrial Hygiene, Limited Water Assessment - Legionella, Fort Lauderdale, FL (2019)
- Overtown Youth Center Park Renovation - Phase I & II ESAs, Miami, FL (2019)
- Florida Housing Finance Corporation Format II HUD Environmental Reviews, Florida statewide (2019-ongoing)
- FDEP Phase I ESAs Shopping Centers, Florida (2016 to 2019)
- Petroleum Closure Assessments - FDEP (2016-2018)
- Former Metal Bumper Reparation Station - Remedial Action Plan, Tampa, Florida (2016-2018)
- Gainesville Housing Authority Format II HUD Environmental Reviews, Gainesville, Florida (2017)
- Retirement Community Phase I and Phase II ESAs, Florida (2017)
- Farmland and Phosphorous Pit Phase I ESA, Gainesville, FL (2016)





JEREMY COTTRELL, LEP

SENIOR SPECIALIST/PRINCIPAL CONSULTANT

MIAMI, FL

STARTED WITH INTERTEK-PSI: 2005 | YEARS WITH OTHER FIRMS: 7

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Cottrell has over 25 years of experience in the environmental field. In this time, he has gained field and management experience through various types of projects, including the performance and preparation of Phase I Environmental Site Assessments (ESAs), Phase II ESAs, tank closure assessments, soil and groundwater sampling and analysis plans for impacted sites and landfills, contamination assessments, remedial activities, asbestos and lead building inspections and asbestos air monitoring throughout Florida. He is responsible for senior technical review of Phase I ESAs, training new employees performing Phase I ESAs, and has been assigned as one of PSI's Principal Consultants for Phase I ESAs. He also interacts with clients to discuss environmental concerns and issues identified with properties.

REPRESENTATIVE PROJECT EXPERIENCE

Dania Beach Energy Center Redevelopment, Dania Beach, FL (2020) The subject property consists of a former power plant owned and operated by Florida Power and Light (FPL) that is under redevelopment. PSI is to collect soil samples from over 300 tons of material brought onto the subject property in phases for laboratory analysis to determine the presence of contaminants of concern (COCs). Soil samples collected are placed in laboratory provided containers and transported under chain-of-custody protocol to a laboratory for analysis by U.S. Environmental Protection Agency (EPA) Method 6010 for arsenic, barium, cadmium, chromium, lead, selenium, and silver, EPA Method 8270 for polynuclear aromatic hydrocarbons (PAHs), EPA Method 8082 for polychlorinated biphenyls (PCBs) and laboratory analytical method Florida Petroleum Residual Organics (FL-PRO) for total recoverable petroleum hydrocarbons (TRPH).

Client: Phillips & Jordan | **Dates:** 07/2019-02/2020 | **PSI Fees:** \$85,000

Dania Beach Water Treatment Plant 3A – Limited Site Assessment Services, Broward County, FL (2017) The site currently utilized a 1,000 gallon and 4,000-gallon USTs and a 4,000-gallon aboveground storage tank (AST) to store diesel fuel. PSI investigated the area of the 4,000-gallon UST located along the central portion of the property. Services included, tank locating via Ground Penetrating Radar (GPR), Soil sampling, Groundwater sampling, monitoring wells, and laboratory analysis. PSI provided a report detailing the field sampling protocols, laboratory analytical results, and comparison of the results to Chapter 62-777, Florida Administrative Code (FAC) cleanup criteria. **Role:** Project Manager

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- Licensed Environmental Professional, FL #343
- FDEP Certified Stormwater, Erosion, & Sedimentation Control Inspector, #7026
- Environmental Professional, Phase I ESA, PSI
- RMD's LPA-1 XRF Certified
- EPA/AHERA Certified Asbestos Inspector
- EPA/AHERA Certified Asbestos Contractor Supervisor
- NIOSH 582 – Phase Contrast Microscopy Air Sample Analyst
- State of Florida My Safe Florida Home Wind Certification Entity (WCE) Inspector #658
- OSHA 29 CFR 1910.120 HAZWOPER 40 Hour

MEMBERSHIPS/AFFILIATIONS

- Asbestos Analyst Registry (AAR)
- The International Society of Technical & Environmental Professionals, Inc. (#654)
- South Florida Association of Environmental Professionals
- Florida Environmental Assessors Association, Inc.



Doral Central Park Development – Supplemental Site Assessment, Doral, Florida (2021) The subject property scheduled for redevelopment consists of a 57.07± acre land parcel currently developed as Doral Central Park. The SSA activities requested by the Miami-Dade County Regulatory and Economic Resources-Department of Environmental Resource Management (DERM) focused on grassed areas located in the northeastern and southwestern portions the subject property. Due to former use of the Avalon insecticide on the property, DERM required soil samples at five (5) locations and groundwater samples at three (3) locations to be analyzed for propylene glycol. **PSI Services:** Soil & Groundwater Assessment; Analysis and interpretation of the data generated during the field investigation and laboratory analyses | **Role:** Project Manager | **Date:** 05/2021 | **PSI Fees:** \$16,585

Overtown Youth Center Phase I & II ESAs, Miami, FL (2019) PSI performed the Phase I ESA in general accordance with ASTM E1527-13 and based upon historical data for the site. Phase II services including a GPR survey, groundwater and soil-gas sampling activities were performed. A detailed report including findings, conclusions, and recommendations was provided to the client. **Role:** Project Manager | **Client:** Claro Development | **Dates:** 03/2019-06/2019 | **PSI Fees:** \$32,400

City of Coral Gables Public Safety Building & Parking Garage - Groundwater Sampling Assessments (2018) The subject property consists of two land parcels totaling 1.7± acres currently under initial construction. A former dry-cleaning facility was located on-site in the east section of the subject property. Chlorinated solvent groundwater impacts were reported associated with this former facility and it is enrolled in the Florida Department of Environmental Protection (FDEP) dry-cleaning solvent cleanup program (DSCP). PSI performed Groundwater Sampling Assessment activities on the proposed development in response to the Miami-Dade County Department of Regulatory and Economic Resources - Pollution Remediation Section (PRS's) official request for verification or absence of impact in the proposed drainage area due to previously reported contamination conditions at an adjoining property. PSI provided a detailed report which included conclusions and recommendations for two drainage plan options at the subject site. **Role:** Project Manager | **Client:** City of Coral Gables | **PSI Fees:** \$37,000

1st Street Corridor Right-Of-Way Improvement Project, Miami Beach, FL (2017) PSI conducted a CSER to evaluate whether adjoining and/or surrounding properties along the 1.2-mi. project alignment had impacted the soil and groundwater with hazardous substances and/or petroleum products as part of preparation for upcoming water and stormwater upgrades. **Role:** Project Manager | **Client:** Wade Trim | **Dates:** 03/2017-10/2017 | **PSI Fees:** \$14,000

West Kendall District Park Soil Sampling, Kendall, FL (2016) The subject property was used for agricultural practices and was planned to be developed into a park. The purpose of the soil sampling activities described herein was to evaluate if the excavated soil should be properly managed at a licensed landfill certified to receive contaminated material or may be re-used as fill material on-site. The soil assessment activities were performed within the area of a proposed lake approximately 23 acres in size located along the southeast corner of the subject property. **Role:** Project Manager | **Client:** Miami-Dade County Department of Regulatory and Economic Resources - Division of Environmental Resources Management | **Dates:** 12/2015-02/2016 | **PSI Fees:** \$16,613

UM Commons South Campus (2011) Project Manager for a Phase I ESA that was conducted for due diligence purposes on a 100-parcel utilized by the University of Miami (UM). The site is formerly part of the Richmond Naval Air Station that was in service during World War II and was subsequently utilized by UM for wildlife breeding, quarantine, research, and animal testing on primates and insects. The report resulted in additional assessment activities.

Melbourne Class III Landfill, Melbourne, Florida – Performed field sampling and project management associated with semi-annual groundwater sampling. Responsibilities included scheduling, coordinating, sampling activities, groundwater contouring, data interpretation and report preparation, to ensure that the site was in accordance with the FDEP approved Monitoring Plan Implementation Schedule (MPIS).





ANDREW MORRIS

PROJECT SCIENTIST

MIAMI, FL

STARTED WITH INTERTEK-PSI: 2020
YEARS' EXPERIENCE WITH OTHER FIRMS: 7

EDUCATION

- B.A, Environmental Science, University of Florida, 2002
- M.S., Marine Affairs & Policy, University of Miami, 2005

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- OSHA 40-Hour HAZWOPER & 8-Hour Refresher
- FDEP Sample Collection & Analysis of Surface Water, Groundwater, Drinking Water & Wastewater
- SCUBA Open Water I
- State of Florida Boating Safety
- CPR/First Aid

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Morris has 12 years of experience in the environmental industry. His areas of expertise lie in conducting field operations and management of Phase I Environmental Site Assessments (ESAs), Phase II ESAs, soil vapor investigations, site remediation projects, and underground storage tank (UST) closures in the State of Florida and throughout the Southeastern United States. Mr. Morris also has experience in Natural Resource Management and Marine Resource/Coastal Zone Management.

REPRESENTATIVE PHASE I/II ENVIRONMENTAL SITE ASSESSMENT PROJECT EXPERIENCE

SFWMD C-23/24 SOUTH RESERVOIR, Environmental Site Assessments & Target Range Berm Corrective Action, St. Lucie County, Florida – The South Florida Water Management District (District) C-23/24 South Reservoir project is being conducted to reduce the sediment, phosphorus, and nitrogen going to the St. Lucie River Estuary and the southern portion of the Indian River Lagoon. As part of the design/permitting effort specific to the C-23/24 Project, the District deemed it necessary to update previous ESAs that had been conducted to assess the point and non-point sources at the C-23/24 property. PSI performed Sample Plan Generation, Soil Boring Advancement, Monitoring Well Installation, Sample Collection, Laboratory Analysis, Data Interpretation/Reduction, Statistical Analysis/Modeling, Report Development. Subsequently, the TARGET RANGE BERM CORRECTIVE ACTION was performed to address impacted soil previously identified within the target-range berm. Tasks included Corrective Action Plan Generation and Execution, Soil Screening, Sample Collection, Laboratory Analysis, Data Interpretation/Reduction, Clearing/Grubbing/Incineration, Report Development. **Dates:** 06/2023-08/2024 | **Fees:** \$560k+ | **Role:** Project Manager

Connolly Development Co./The Kroger Co., Mixed Use Development, Marietta, GA – Performed Phase I ESA, Phase II ESA soil and groundwater sampling, and installation/sampling of soil gas implants. Oversaw additional Brownfield sampling of soil, soil gas, and groundwater. Authored technical reports associated with each site investigation. **Dates:** 6/2017-2/2020



Johnson Development, Extra Space Storage Facilities, Orlando/Naples/Tampa, FL – Performed Phase I ESAs in accordance with ASTM E1527-13 standards on various undeveloped and developed properties. Drafted and finalized a detailed report documenting the assessment activities and provided recommendations based on the assessment results. **Dates:** 6/2016-6/2018

Proposed Marriott Hotel, Naples, FL – Performed analytical sample collection at an undeveloped property to investigate possible impacts from historical usage. Drafted and finalized a detailed report documenting the assessment activities, laboratory analytical results and provided recommendations based on the laboratory analytical results. **Date:** 2/2019

Paul Milsap Enterprises, Core 4 Gym/Former Standard Label Co., Chamblee, GA – Performed the installation and sampling of sub-slab vapor implants along with near slab soil vapor implants. Performed soil assessment on impacted soils with the collection and analysis of over 100 soil samples. Oversaw the excavation of perc impacted soils above commercial risk reduction standards. **Date:** 4/2015

SFWMD, River of Grass/U.S. Sugar Corporation, South Bay, FL – Performed Phase II ESA activities on approximately 185,000-acres of agriculturally developed land owned by U.S. Sugar Corporation as part of the South Florida Water Management District Everglades Restoration Program. **Dates:** 7/2008-9/2008

SFWMD, Canal Improvement Project, South Bay, FL – Performed surface water, soil, and sediment sample collection on canals and submerged lands in support of the effort to mitigate flooding. **Date:** 3/2007-3/2009

REPRESENTATIVE NON-PETROLEUM PROJECT EXPERIENCE

FDOT, District 4 & District 6 24-Hour Environmental Emergency Response, Southeastern FL – Performed 24-hour emergency environmental clean-up services on all state-maintained roads/interstates. **Dates:** 3/2007-3/2009

City of Atlanta/Astra Group, Upper Proctor Creek/Rodney Cook Senior Park, Atlanta, GA - Responsible for supporting the general contractor with second phase of soil remediation for lead impacted soil and slag encountered during construction activities at a Voluntary Remediation Program (VRP) Site. Oversaw the excavation, waste characterization, and offsite disposal of approximately 1,200 tons of lead impacted soil and slag. Directed soil stabilization utilizing Enviroblend™ for stockpiled soils that exceeded Subtitle D thresholds resulting in all excavated soils being accepted to a Subtitle D disposal facility.

R-P Grant Park, Avondale Ave Unpermitted Landfill, Atlanta, GA – Responsible for impacted soil and landfill excavation oversight, proper segregation for offsite disposal or potential reuse onsite. Performed sampling of soils for disposal or to certify compliance with residential risk reduction standards. Performed oversight of the installation of a passive methane gas cut-off trench to allow for a proposed residential development under the Brownfield Program.

REPRESENTATIVE PETROLEUM PROJECT EXPERIENCE

FDOT, Groundwater Monitoring Program, Ft. Lauderdale, FL - Performed groundwater sample collection at FDOT Operation Centers. Drafted and finalized a detailed report documenting analytical results, groundwater flow figures, and analytical tables. **Dates:** 3/2007-3/2009

REPRESENTATIVE NATURAL RESOURCES PROJECT EXPERIENCE

Miami-Dade County DERM, Cutler Bay, FL – Performed remediation of an approximately 150-acre illegal dumping site and assisted in the engineering of habitat for a Red Mangrove Forest. **Dates:** 5/2008-7/2008

FDEP, Objective Based Vegetation Management, West Palm Beach, FL – Performed habitat data collection on approximately 76,000 acres of wildlife management areas for invasive species management/control. **Date:** 2007

The Kroger Co, Statesboro, GA – Performed onsite identification and demarcation of jurisdictional wetlands on an undeveloped property.





EDRICK RAMOS, PhD

STAFF SCIENTIST-HYDROLOGY / PROJECT MANAGER

MIAMI, FL

STARTED WITH PSI: 2023 | YEARS OF EXPERIENCE WITH OTHER FIRMS: 8

EDUCATION

- PhD, Environmental Engineering, Tecnologico de Monterrey, 2023
- MSc, Hydrology, Michigan Technological University, 2016
- BSc, Geology, University of Puerto Rico, 2010

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- FDEP SOP for Water, Groundwater Sampling, and Meter Testing, TREEO FDEP OCP #: 04251023 CEUs 1.2, 2024
- OSHA, 8-Hour HAZWOPER Refresher, 29 CFR 1910.120(e), 2024
- Transforming the Educator into a Learning Facilitator, SEP DDPO95-2001, 2017
- English as a Medium of Instruction, ITESO 023WK2016

Relevant Courses

- M.Sc. Coursework: Geographic Information Systems; Intercultural Natural Hazards; Advanced Natural Hazards; Volcanology; Community Planning & Analysis; Geological Map of Remote Terrain; Math Mod-Volcanic Flows; Volcano Seismology; International Geological Practicum
- B.Sc. Coursework: Chemistry I & II; Biology I & II; Ecology; Calculus I & II; Physics I & II; Geology; Geomorphology; Stratigraphy; Structural Geology; Geochemistry; Mineralogy; Sedimentary Geology; Petrology; Soils; Volcanology; Risk & Hazard Analysis; Field Geology

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Ramos has over 10 years of experience in environmental and civil engineering academic and industrial activities. He has a broad range of experience in surface and groundwater quality analysis, hydrogeological research, geological surveying, mapping and hazard interpretation, environmental planning, geotechnical assessments, pollution analysis, remediation planning and implementation, drafting Phase I and II Environmental Site Assessments (ESAs), vapor intrusion investigations, sustainable project development, and grant/proposal coordination. Projects primarily related to soil and groundwater pollution include groundwater chemistry, remedial investigations (RI), and remedial design.

REPRESENTATIVE ENVIRONMENTAL PROJECT EXPERIENCE

Environmental Site Assessments (ESAs Ph I & II) – Performed the assessment under the supervision of an Environmental Professional (EP) as defined in 40 Code of Federal Regulations (CFR) 312.10. Performed services include regulatory records review, historical records review, site reconnaissance, interviews, Vapor Encroachment Screen (VES) in general accordance with ASTM E2600-22 and ASTM E1527-21, respectively. | **Client:** Turner Construction Company / Maple Multi-Family SE Contractor, LLC / Baptist Health South Florida | **Role:** Field Scientist | **Year:** 2024
PSI Manager: Jeremy Cottrell, LEP | John Emerson, CSP

Groundwater Site Assessments – Conducted well surveys to determine whether any public water supply wells, as defined in Chapter 62-550, is located within the regulated wellhead protection zone of a public water supply well or



well field, and whether any private water supply wells (including potable, irrigation, and industrial wells) are present within a ¼-mile radius of the site. Equipment decontamination, sample collection, field documentation, sample custody and laboratory analyses performed in general accordance with methods prescribed by the FDEP and U.S. Environmental Protection Agency (EPA). Draft Site Assessment Reports (SAR) documenting field activities and observations, soil, and groundwater analytical results, providing conclusions and/or recommendations. | **Client:** FDEP | **Role:** Field Scientist | **Date:** 2024 | **PSI Manager:** Mark Kalivoda, PE | John Emerson, CSP

Petroleum Restoration Program (PRP) – Completed quarterly PARM event (Y1, Q2). Including tasks such as: DTW measurements and GW sample collection for laboratory analysis. Prepared & submitted PARM Quarterly Reports. Collection of physico-chemical field parameters of pH, DO and ORP during GW Sampling – UIC and Field Parameters in Reports. Based on the results from OVA-PID and field observations, soil borings were selected and converted into temporary groundwater monitoring screen points to assess groundwater conditions to cross-reference with previous onsite RECs. Creation of temporary groundwater monitoring screen points using a stainless steel Geoprobe® Screen Point (SP) Groundwater Sampler tooling system. | **Client:** FDEP-Petroleum Restoration Program | **Role:** Project Manager | **Date:** 2024 | **PSI Manager:** Andrew Morris | John Emerson, CSP

City Lot Site Assessment, 2005 NW 9th Street, Pompano Beach, Broward County, Florida | BCEPD License No. 1406 FDEP ID No. 069819046 | PSI, on behalf of City of Pompano Beach completed a Site Assessment Report (SAR) for the Pompano Beach City - Lot, facility. The SAR documents the sampling rationale, location, field methodologies and laboratory methodologies utilized. The objective of the SAR is to delineate the identified onsite groundwater impacts documented in the TCAR dated July 6, 2022. The field events were completed under the Broward County Environmental Permitting Division's (BCEPD's) Environmental Assessment and Remediation (EAR) License Number 1406. | **Client:** City of Pompano Beach | **Role:** Field Scientist | **Date:** 2024 | **PSI Manager:** Mark Kalivoda, PE | John Emerson, CSP

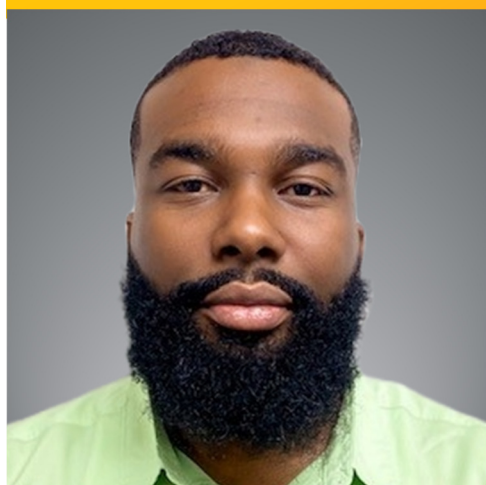
Sanitary Sewer Evaluation Survey – Conducted visual inspections of the sites' sanitary sewer system. These inspections included inspection of the cleanouts, manholes and, if required, all pump and lift stations. Preparation of evaluation summaries of any identified damage during inspections. Conducted tests during dry conditions and isolated the facilities sewer lines from the main system. After line isolation and blockage, non-toxic smoke is pumped into the lines to identify any perforations into the system. **Role:** Field Scientist | **Date:** 2024 | **PSI Manager:** Mark Kalivoda, PE | John Emerson, CSP

Department of Housing, Puerto Rico – Performed Tier II Environmental Reviews for single family houses as part of Solar Panel Installation Project for the Community Energy and Water Resilience Installations (CEWRI) Program. **Role:** Field Scientist | **Date:** May-Aug 2023 | **PSI Manager:** Mark Kalivoda, PE

EPA Brownfield Assessment Grant, BCA Environmental Consultants LLC, Indianapolis, USA – Provided consulting services, grant writing, and completion of brownfield inventories, preparation of Eligibility Requests to both IDEM (petroleum sites) and the EPA (hazardous substances sites), the preparation of Sampling and Analysis Plans, Phase I and II ESAs, cleanup planning, ACRES entries for over 30 properties, Quarterly Reports, in preparation for redevelopment. Sites include rail lines and rail yards, factories and warehouses, dumps, dry cleaners, and gas stations. Problems encountered included ash and cinders, petroleum, chlorinated solvents, toxic metals, demolition debris and USTs. **Role:** Project Manager | **Date:** September 2022 - April 2023.

Environmental Sustainability & Project Development, Peace Corps, Guatemala – Developed community projects (STEM) and led 3 Elementary Schools into the reforestation of 3,000 endemic trees within the Pacaya Volcanic Complex. Speaker of the Peace Corps International & Diversity panel. Developed a Sustainability Plan and Recycling Campaign for the Municipality of San Antonio Aguas Calientes. The program reduced the littering of PET and other plastic bottles by 60% in a 6-month period. **Role:** Project Manager | **Date:** March 2011 - February 2013





TASANEE CRAIG

ENVIRONMENTAL SCIENTIST

MIAMI, FL

STARTED WITH INTERTEK-PSI: 2023 | YEARS' EXPERIENCE WITH OTHER FIRMS: 6

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Craig is an environmental scientist and project manager with eight years of experience in environmental and civil engineering across government and industrial settings. His expertise spans surface and groundwater quality analysis, hydrogeological research, geological surveying, ecological planning, geotechnical assessments, and pollution analysis. He has extensive experience in remediation planning and implementation, vapor intrusion investigations, and soil and groundwater pollution studies, with a focus on groundwater chemistry, remedial investigations (RI), and remedial design. Proficient in data analysis using R software and Microsoft Suite, as well as GIS mapping for spatial analysis, Mr. Craig ensures precise reporting and data-driven decision-making. His role includes client communication, goal tracking, and identifying opportunities to improve project efficiency. Having managed environmental sampling programs, developed water budgets, and overseen field explorations, he possesses a deep understanding of environmental monitoring, regulatory compliance, and sustainable project development. His experience also includes grant and proposal coordination, further demonstrating his ability to drive strategic ecological initiatives.

REPRESENTATIVE PROJECT EXPERIENCE

Modified Landform Leveling, C-23/24 South Reservoir, St. Lucie County, FL – PSI, on behalf of the SFWMD, completed a modified landform leveling for the SFWMD C-23/24 South Reservoir. The Modified Landform Leveling Report documents the location, pre- and post-soil assessments, data analysis, sample methodologies, and laboratory methodologies utilized. The objective was to remediate copper-impacted soils within areas where concentration levels were above client-determined thresholds. The field events were completed following the Florida Department of Environmental Protection's (FDEP) SOPs for environmental sampling and analysis. | **Client:** South Florida Water Management District | **Role:** Environmental Scientist | **Date:** 08/2024-03/2025

Utility Removal/ Abandonment, C-11 Impoundment, Broward County, FL – PSI, on behalf of the SFWMD, completed an above and underground utility removal and abandonment for the SFWMD C-11 Impoundment. The Completion Report details the locations, pre-removal investigations,

EDUCATION

- Coral Springs High School, Coral Springs, Florida, 2014
- Pursuing A.S., Environmental Science Technology, Broward College, Coconut Creek, FL, 2024-Currently enrolled

CERTIFICATIONS/REGISTRATIONS/ TECHNICAL TRAINING

- Introduction to Data Analytics, International Business Machines Corporation, 2025
- Water Quality Standards Academy, U.S. EPA Office of Water, 2021
- The Original Environmental Compliance Bootcamp, The AARCHER Institute, 2019
- DEP SOPs for Groundwater, University of Florida TREEO Center, 2018/2019/2025
- DEP SOPs for Water Sampling & Meter Testing, University of Florida TREEO Center, 2018/2019/2025
- R Boot camp for Ecologists & Wildlife Biologists, Center for Wildlife Studies, 2022
- Introduction to Cartography, Department of Interior Bureau of Indian Affairs, 2018
- 40-Hour HAZWOPER - OSHA



communications, oversight, and backfilling methodologies used throughout the project. The primary objective was to remove all above-ground and below-ground utilities within the project footprint and subsequently backfill the excavated areas. All field activities were conducted in accordance with the project-designated operations plan and the health and safety plan. | **Client:** South Florida Water Management District | **Role:** Environmental Scientist | **Date:** 12/2022-03/2025

Water Quality Assessment, Public School, Biscayne Beach, FL – PSI, on behalf of the MDCPS, completed a water quality assessment for one of the MDCPS schools. The Water Quality Testing Report documents the location, field assessments, data analysis, sample methodologies, and laboratory methodologies utilized. The objective was to assess possible harmful concentrations of bacteria within the project boundary. The field events were completed following the Florida Department of Environmental Protection’s (FDEP) SOPs for environmental sampling and analysis. | **Client:** Miami-Dade County Public Schools | **Role:** Environmental Scientist | **Date:** 01/2025-03/2025





DIANA PLACERES

PROJECT INDUSTRIAL HYGIENIST

MIAMI, FL

YEAR STARTED WITH INTERTEK-PSI: 2015

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- Asbestos Supervisor Certification
- Asbestos Building Inspector
- Asbestos Management Planner
- NIOSH 582 Phase Contrast Microscopy Equivalent
- OSHA 40-hour HAZWOPER Training

PROFESSIONAL EXPERIENCE SUMMARY

Ms. Placeres has 10 years of experience providing related administrative project support and the past six years performing field sampling and inspection activities including asbestos inspection and sampling, lead inspections and bulk sampling, indoor air quality, building surveys and bulk sampling; mold building inspections including spore monitoring, moisture mapping, air particle and dust monitoring, as well as direct push groundwater and soil sampling.

REPRESENTATIVE PROJECT EXPERIENCE

City of Coral Gables Public Safety Building & Parking Garage Groundwater Sampling Assessments, Coral Gables, FL (2018) The subject property consists of two land parcels totaling 1.7± acres currently under initial construction. A former dry-cleaning facility was located on-site in the east section of the subject property. Chlorinated solvent groundwater impacts were reported associated with this former facility and it is enrolled in the Florida Department of Environmental Protection (FDEP) dry-cleaning solvent cleanup program (DSCP). The cleanup status is currently inactive. PSI performed Groundwater Sampling Assessment activities on the proposed development in response to the Miami-Dade County Department of Regulatory and Economic Resources Pollution Remediation Section (PRS's) official request for verification or absence of impact in the proposed drainage area due to previously reported contamination conditions at an adjoining property. PSI provided a detailed report which included conclusions and recommendations for two drainage plan options at the subject site. **Client:** City of Coral Gables | **PSI Fees:** \$37,000 **PSI Services:** Asbestos testing & Groundwater Sampling | **Role:** Field Technician

Coral Gables City Hall – Asbestos Survey and Abatement Monitoring, Coral Gables, FL (2018) Following up on our 2014 Asbestos Renovation survey of the property, PSI performed air monitoring and oversight during the removal of asbestos-containing 12"x 12" floor tile and the associated black floor mastic in the 3rd floor proximity of the City Attorney's Office. PSI performed final clearance inspection and provided written reports and certifications of airborne fiber results to the owner upon project completion. **Role:** Project Industrial Hygienist

Multiple Fire Stations – IAQ, Miami-Dade County, FL (2019-ongoing) PSI is under contract to provide limited indoor air quality assessments {mold assessment} survey to include minor destructive testing and remediation report for mold mitigation company at multiple Miami-Dade Fire Rescue Station sites, in accordance with MDC MATERIALS TESTING, CONSULTING AND TRAINING SERVICES CONTRACT NO. E15-PWWM-09 between MDC and PSI, and PSI estimate dated Nov.20, 2019. MDC WORK ORDER NO. EDP-FR-MOLD. **Role:** Project Industrial Hygienist

Overtown Youth Center Park Renovation - Phase I & II ESAs, Miami, FL (2019-2020) Field Technician for the Phase I ESA in general accordance with ASTM E1527-13 and based upon historical data for the site, Phase II services including



a GPR survey, groundwater and soil-gas sampling activities were performed. A detailed report including findings, conclusions, and recommendations was provided to the client. **Role:** Field Technician | **Client:** Claro Development, 1035 North Miami Avenue, Suite 201, Miami FL 33136 | **PSI Fees:** \$32,400

Vecellio Site Phase II ESA, West Palm Beach, FL (2020) PSI conducted a Phase II ESA at the subject property which consists of two land parcels totaling 33.25± acres. Building 1 is developed with one single-story office building. Buildings 2, 3, and 4 are warehouse structures located in the approximate center, the west section, and the northwest corner of the subject property, respectively, totaling approximately 58,144 square feet. Building 4 is used for the storage of a helicopter so the subject property maintains aboveground storage tanks (ASTs) for the storage of diesel fuel, unleaded gasoline and jet fuel. The operations include the use and storage of items, such as solvents, lubricants, degreasers, automotive batteries, storage, etc. The work was performed to address specific RECs identified in PSI's Phase I ESA, in conformance with the scope and limitations of the ASTM E 1527-13 standard, dated June 30, 2020, and specific objectives that were stated by the client. **PSI Services:** Soil and Groundwater Sampling. **Role:** Field Technician | **PSI Fees:** \$22,100 | **Dates:** 07/2020-07/2022

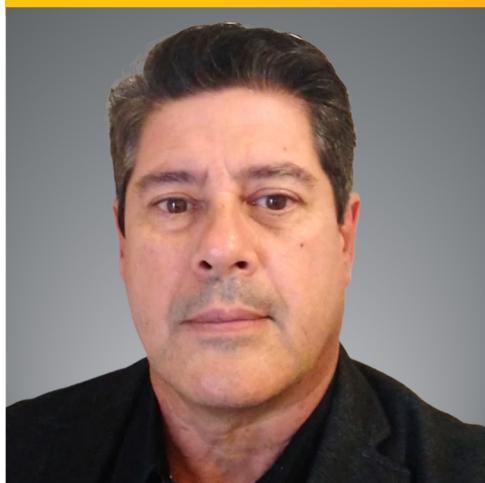
FIU AHC2 Anatomy Lab: Asbestos and Lead Based Paint Survey & Visual Mold/Fungal and Hazmat Assessment, Miami, FL (2023) PSI performed surveys for asbestos-containing materials (ACM) and lead-based paint (LBP) and visual assessments for mold and Hazardous Materials (HAZMAT) of the renovation areas of FIU AHC2 Anatomy Lab (subject site). The subject site was constructed of concrete slab floors, concrete block walls and concrete deck roof. Interior finishes consist of finished drywall panel walls, Carpeting, vinyl tile, epoxy flooring and lay-in tile ceilings. The area surveyed occupies approximately 4,227 square feet of floor space. **Role:** Project Industrial Hygienist

Miami Beach Convention Center: Mold & Limited Indoor Air Quality Assessment, Miami Beach, FL (2021) PSI conducted a Mold and Limited Indoor Air Quality (IAQ) Assessment of select areas within the 1st, 2nd and 3rd floors of the Miami Beach Convention Center following the recent \$640M renovation. The heating, ventilation and air conditioning (HVAC) system was de-energized for extended periods in 2020 due to non-occupancy of the facility because of the Covid-19 pandemic. Several water intrusion and condensation issues were reported throughout the facility which raised concerns about potential mold contamination and the effect on overall indoor air quality throughout. PSI services include visual inspection, air testing, moisture testing, IR testing, fungal surface sampling and testing, remediation recommendations, as necessary. **Role:** Project Industrial Hygienist

Banyan Elementary School – Asbestos, IAQ, Materials Testing Services, Sunrise, FL (2017) The purpose of the Asbestos Renovation Survey was to identify, quantify and assess the condition of suspect asbestos containing materials (ACM) within the facility, as well as the collection and analysis of bulk samples. The assessment included record document review, visual inspection, sampling and testing of suspect ACM effected by the planned renovation activities which include reroofing of three buildings and interior renovation of restrooms 159 and 160 of the media center as well as window replacements in corridors 001 and 011, rooms 101B, 101C and the cafeteria. **Role:** Project Industrial Hygienist | **Client:** The School Board of Broward County

Peter's Elementary LCAR/SSA, Plantation, FL (2017-2020) PSI submitted a LCAR report in 2017 on the subject property and advanced a total of seven (7) soil borings and installed three (3) permanent monitoring wells. To determine the extent of BaP TEQ impacted soils, PSI personnel conducted additional field investigation and sampling activities in January, April, and May of 2018. PSI recommended that a No Further Action (NFA) status be granted for the subject facility however, in **January 2020**, upon review by the County and following their directive, additional soil sampling was required to delineate the extent of the soil impacts at the subject property. The SSA work is ongoing as of May 2020. **Role:** Field Technician | **PSI Services:** Perform Soil and Groundwater assessment at former UST location. | **Client:** The School Board of Broward County | **Dates:** 08/2017-ongoing | **PSI Fees:** \$15,545 (initial testing)





MANUEL PORRAS

SR. ENVIRONMENTAL TECHNICIAN

MIAMI, FL

STARTED WITH PSI: 1999 | YEARS EXPERIENCE WITH OTHER FIRMS: 8

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- EPA AHERA Asbestos Contractor/Supervisor, #99150, 1991
- EPA AHERA Asbestos Building Inspector, #101462, 1999
- NIOSH 582, #7ME050594001NIOSH, 1999

PROFESSIONAL EXPERIENCE SUMMARY

With over 30 years of related experience, Mr. Porras has performed a myriad of environmental testing services including storage tank removal and assessment activities, site assessment activities, soil and groundwater sampling for field screening and laboratory analysis, and has extensive experience with asbestos inspections, abatements, indoor air quality studies. For asbestos-related projects, he is responsible for preliminary field inspection services that are vital to the successful completion of an asbestos project. During the assessment phase, he conducts building inspections, samples suspect materials, estimates material quantities, determines exposure potentials for each area, and indicates material locations on floor plans.

He has performed large scale building inspections for major clients such as Miami-Dade County Aviation Department, Florida Department of Transportation and University of Miami. As a project monitor during asbestos abatement projects, Mr. Porras is responsible for monitoring contractor's activities, documenting work practices, and monitoring contractor's compliance with contractual requirements and regulatory compliance. He serves as the owner's onsite representative to assure a safe and economical abatement project, and documents daily activities, discovers conditions, or changes in the project scope that may affect the contract for a given project.

REPRESENTATIVE PROJECT EXPERIENCE

Overtown Youth Center Renovation - Phase I & II ESAs, Asbestos, IAQ, Miami, FL (2019-2020) Senior Field Technician for the Phase I ESA in general accordance with ASTM E1527-13 and based upon historical data for the site, Phase II services including a GPR survey, groundwater and soil-gas sampling activities were performed. A detailed report including findings, conclusions, and recommendations was provided to the client. **Role:** Sr. Field Technician - Asbestos | **Client:** Claro Development | **Dates:** 03/2019-06/2019 | **PSI Fees:** \$32,400 | **PSI Project:** 07842763/2848

Coral Gables City Hall – Asbestos Survey and Abatement Monitoring, Coral Gables, FL (2018) Following up on our 2014 Asbestos Renovation survey of the property, PSI performed air monitoring and oversight from June 8, 2018, to June 9, 2018, during the removal of asbestos-containing 12"x 12" floor tile and the associated black floor mastic in the 3rd floor proximity of the City Attorney's Office. PSI performed final clearance inspection and provided written reports and certifications of airborne fiber results to the owner upon project completion. **Role:** Sr. Technician

City Hall Bldg. 3rd Floor Asbestos Assessment & Abatement Services, Coral Gables, FL (2024) Subsequent to our Asbestos Survey activities, PSI was retained by the City of Coral Gables to provide Asbestos abatement oversight including air monitoring and project management services at the city hall building attic space. The inspection was conducted by U.S. Environmental Protection Agency (EPA) accredited inspectors under the direction of Mr. John Emerson, CSP, FLAC and PSI Principal Consultant Mr. Michael Rothenburg. **Role:** Sr. Technician

FIU AHC2 Anatomy Lab: Asbestos and Lead Based Paint Survey & Visual Mold/Fungal and Hazmat Assessment, Miami, FL – PSI performed surveys for asbestos-containing materials (ACM) and lead-based paint (LBP) and visual assessments for mold and Hazardous Materials (HAZMAT) of the renovation areas of FIU AHC2 Anatomy Lab. The site was constructed of concrete slab floors, concrete block walls and a concrete deck roof. Interior finishes consist of finished drywall panel walls, Carpeting, vinyl tile, epoxy flooring and lay-in tile ceilings. The area surveyed occupies approximately 4,227 square feet of floor space. **Role:** Sr. Technician | **Dates:** 02/2023-03/2023

Miami Beach Convention Center: Mold & Limited Indoor Air Quality Assessment, Miami Beach, FL – PSI conducted a Mold and Limited Indoor Air Quality (IAQ) Assessment of select areas within the 1st, 2nd and 3rd floors of the Miami Beach Convention Center following the recent \$640M renovation. The heating, ventilation and air conditioning (HVAC) system was de-energized for extended periods in 2020 due to non-occupancy of the facility because of the Covid-19 pandemic. Several water intrusion and condensation issues were reported throughout the facility which raised concerns about potential mold contamination and the effect on overall indoor air quality throughout. PSI services include visual inspection, air testing, moisture testing, IR testing, fungal surface sampling and testing, remediation recommendations, as necessary. **Role:** Sr. Technician | **Dates:** 04/2021-05/2021 | **PSI Total Fees:** \$39,718

Hialeah WWTP Limited Asbestos Renovation Surveys & Lead-based Paint Inspections, Hialeah, FL (2019-2020) Per the client's direction, for the related projects, asbestos surveys included the sampling and analysis of the Scrap Yard, the exterior of the feed building, Softener #1 coating insulation, and Structural Shop office. The LBP survey was limited to the sampling and analysis of suspect coatings located on the interior and exterior of the metal beams, of the building. Testing was associated with the planned renovation of the building. **Client:** Miami Dade Water & Sewer Department | **Role:** Project management, field sampling and testing, report preparation | **PSI Fees:** \$19,000

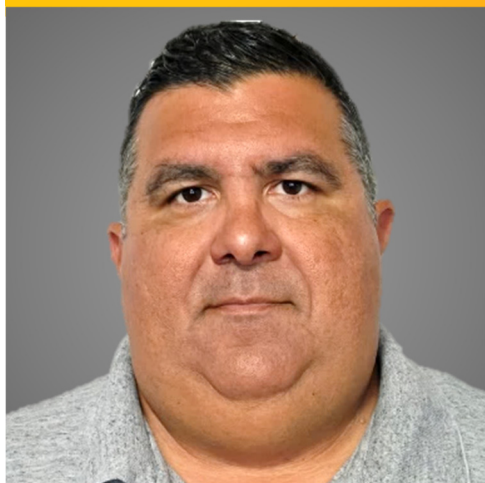
Frances S. Tucker Elementary School – Lead-Based Paint Survey, Miami, Florida (2019) Sr. Field Technician for lead-based paint (LBP) survey. This project area encompassed approximately 45,000 square feet. The purpose of the LBP testing was to identify painted surfaces or other surface coatings containing an excess of 1.0 milligrams per cubic centimeter (mg/cm²) of lead by X-Ray Fluorescence (XRF) testing on surfaces to be affected by the planned pressure washing and repainting activities. **Role:** Sr. Technician | **Date:** 2019

Coral Gables City Hall Renovations – Asbestos Abatement Monitoring, Coral Gables, FL (06/2018) Sr. Field Technician for air monitoring and oversight during the removal of asbestos-containing 12"x 12" floor tile and the associated black floor mastic in the 3rd Floor proximity of the City Attorney's Office. Asbestos abatement activities were performed by MCO Environmental, Inc. PSI conducted visual inspections of the work area and collected work in progress clearance air samples, which were analyzed utilizing the NIOSH 7400 Method.

Bacardi Building - Planned Demolition, Miami, FL (05/2018) The site consists of a vacant office building occupying approximately 24,827 square feet. PSI previously conducted an asbestos renovation survey and baseline mold assessment of the interior of the building in February 2013. This updated asbestos survey and baseline mold assessment was performed to assist the facility owner and contractor performing the demolition in complying with requirements of 40 Code of Federal Regulations (CFR) Part 61, the National Emission Standards for Hazardous Air Pollutants (NESHAP) and 29 CFR 1926.1101, the OSHA Asbestos Construction Standard. **Role:** Sr. Field Technician

Miami International Airport Baggage Handling Systems Proposed Renovations, Miami, FL (05/2017) Sr. Field Technician for Asbestos Consulting Services for the planned renovations of the baggage handling systems and surrounding areas of the South and Central MIA terminals to include, preparation of Asbestos Affidavits to be submitted as part of the permit packages, performance of renovation asbestos surveys, as needed, to determine the absence or presence of asbestos containing materials (ACM) impacted by the planned renovation activities, developing an abatement work scope, and monitoring of abatement activities with clearance inspections and sampling.





JORGE L. CABRERA

ENGINEERING TECHNICIAN

MIAMI, FL

TOTAL YEARS WITH INTERTEK-PSI: 13 | YEARS WITH OTHER FIRMS: 1

EDUCATION: Associate of Arts, General Studies, Miami Dade College, 2011

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- Water Well Contractor, FL #11378
- Certified Asbestos Inspector & Contractor/Supervisor
- OSHA 40-Hour HAZWOPER
- OSHA 8-Hour Refresher
- CDL Class-A Driver's License

PROFESSIONAL EXPERIENCE

Mr. Cabrera has 14 years of experience with environmental and geotechnical services including experience as field supervisor for Phase II ESAs, impacted soil removal, installation of test pits, and geotechnical engineering assessments Florida and West Texas. As field supervisor Mr. Cabrera has document soil lithology, directed subcontractors for drilling and soil excavation activities, collected soil, groundwater and soil vapor samples, documented field activities and findings on required field forms.

REPRESENTATIVE PROJECT EXPERIENCE

Domestic Water Wells, Lehigh Acres, FL – Extensive experience in the construction, repair and abandonment of ± 1000 water wells in this location. Supervised up to three drilling crews, a total of nine employees. Organized all drilling operations. Kept track of supplies, maintenance and daily challenges presented. Coordinated with clients and subcontractors to ensure access to our sites and took proactive measures to maximize production. Instructed all workers of safe practices and work ethics. **Role:** Sr. Field Technician | **Client:** Multiple | **Dates:** 07/2023-ongoing | **PSI Fees:** \$230,000 $\pm$ (Sample project: Domestic Water Well – Single, 634 Grant Blvd., Lehigh Acres, FL | **Date:** 12/2025 | **Client:** A PLUS Construction of SW FL, LLC | **Contact:** Yosmani, Field Superintendent | 239-302-9795 or 239-961-9042 | fs@aplusconstructionofswfl.com)

Miami Dade Water and Sewer Department Tunnel – Drilled and installed ground movement instruments in Fisher Island and Virginia Key for the construction of the new 54-inch tunnel. Installed piezometers, extensometers, inclinometers and surface monitoring points on both sides of Government Cut. Performed soil sampling of the cuttings produced by the tunnel drilling machine. **Role:** Sr. Field Technician | **Client:** Miami-Dade Water and Sewer Department | **Date:** 2015

Soil excavation project at the SE corner of NW 22nd Avenue and 79th Street, Miami, FL – The objective of this project was to estimate the amount buried debris and delineate the vertical and horizontal extension of the dump. Coordinated and conducted test pits in a grid pattern across the site. Documented the findings of each test pit included but not limited to, length, width, depth, type of soil encountered, amount of debris encounter, presents of pungent odors, and soil staining. During the excavation of each test pit the work area and soil were screened for organic vapors using a PID. Information was documented on field forms and provided to the client in a report. **Role:** Sr. Field Technician | **Date:** 2015



Proposed CVS Stores, Phase II ESAs, Various Locations, South FL – Activities performed at these numerous sites include screening of impacted soil during excavation activities, soil vapor sampling, ground water sampling, elevation surveys. Additionally, supervised and directed subcontractors in the installation of monitoring wells, vapor extraction points, soil borings and during soil removal activities. **Role:** Field Technician | **Client:** BOOS Development Group, Inc. | **Contact:** Mr. Matt Miller, Development Project Manager, 305-828-8284, mmiller@boosdevelopment.com | **Dates:** 02/2011-03/2017 | **PSI Fees:** \$700,000±

Downtown Doral Charter School, Soil Excavation Project – Performed soil vapor screening on test pits for Miami Dade County Public Schools at Downtown Doral Charter School. The activities included excavations of test pits, field screening of soil using an organic vapor analyzer (OVA) with a photo-ionization detector (PID), and a description of the lithology. **Role:** Field Technician | **Client:** Miami-Dade County Public Schools | **Dates:** 09/2013-11/2013 | **PSI Fees:** \$14,894





STEPHANIE CHAPMAN

INDUSTRIAL HYGIENIST | TECHNICIAN

MIAMI, FL

STARTED WITH PSI: 2022 | YEARS EXPERIENCE WITH OTHER FIRMS: 1

CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING

- AHERA Certified Asbestos Inspector
- OSHA 10
- CPR

PROFESSIONAL EXPERIENCE SUMMARY

Ms. Chapman has gained field and management experience through various types of projects, including preparation and performance of Asbestos Inspections, Lead Base Paint Inspections, Mold Inspections, Phase I Environmental Site Assessments (ESAs), Soil and Groundwater Sampling and remedial activities throughout Florida. As an EPA Accredited Asbestos Inspector, her responsibilities include conducting inspection surveys, sampling suspect materials, and the preparation of reports documenting findings, recommendations, and asbestos abatement cost estimation. Ms. Chapman utilizes her certifications by assessing the physical characteristics of confirmed asbestos materials.

REPRESENTATIVE PROJECT EXPERIENCE

Sewer System Evaluation Surveys (SSES) for public systems throughout Miami-Dade County, Florida (2022-2024)

In accordance with Chapter 24 of the Miami-Dade County Code (MDCC), each privately or publicly operated sanitary sewer system needs to be evaluated on a periodic basis. Performed evaluations included inspections, smoke tests, and groundwater intrusion flow testing at Miami-Dade County schools.

Iron Mountain Property: Asbestos Demolition Survey, Lead-Based Paint Testing and Hazardous Building Materials Evaluation, FL (2023) – PSI was contracted by Kimley-Horn and Associates, Inc. to conduct a United States Environmental Protection Agency (EPA) National Emission Standard for Hazardous Air Pollutants (NESHAP) demolition asbestos-containing material (ACM) survey, lead-based paint (LBP) testing, and hazardous building materials (HBM) evaluation on an approximate 80,933-square foot Iron Mountain building (subject site). The purpose of the survey was to determine the presence of ACM, LBP, and HBMs in preparation for future demolition activities. **Role:** Technician **Client:** Kimley-Horn and Associates, Inc. | **Dates:** 11/2023-12/2023 | **PSI Fees:** \$5,400.00

FDEP Phase I ESAs Shopping Centers, Florida (2023-2024) – Conducted for shopping plazas throughout Florida. Some shopping centers historically had dry-cleaning facilities that were in the Florida Department of Environmental Protection (FDEP) Dry Cleaning Solvent Cleanup Program.

Wynwood Station Radon Testing (2024) – Accompanied PSI sub-contractor for a visual with note taking and photos on the placements where the testing was conducted. Went 72 hours later to remove the placements and ship them out to the lab. – 0784-3928

Novo Las Olas (2024) – ATI performed a PCA on the property and she accompanied the field team while they perform the field services. 0784-418808



1010 Kennedy Drive Key West Asbestos, Lead Survey (2024) – Conducted an asbestos and lead base paint survey.

Proposed Eddie V's; Phase I & Renovation Asbestos Survey (2024) – Existing Flemings Prime Steakhouse; Renovation Asbestos Survey.

U Gas 441 (2024) – Groundwater monitoring for 2 wells. 0784-2936

Markam ES Demo ACM Surveys (2024) – Completed supplemental demolition survey of building 1.

Vacant 4-story Office Building Demo Asbestos (2024) – 0784-3906

Moss Office Renovation Asbestos Survey (2024) – 0784-416194

Pollo Campero Hialeah Asbestos Demolition (2024) – 0784-3912

South Transportation Center Post Remediation (2024) – 0784-3809

Pet Supplies Plus Kendall Asbestos Renovation Survey (2024) – 0784-3926

RTU Install at MAVIS# 4100 (2024) – Monitored installations for MAVIS (Tire Kingdoms)

RTU Install at Mavis #4091 (2024) – Visual Assessments

Glades Towers Bldg. 660 & Bldgs. 950 (2024) – Phase I with Asbestos, Lead Base Paint, Mold, FSPCA and MEP

Cape Coral #197 (2023) – Completed a visual inspection for Burrowing Owls and Gopher Tortoises taking photos and videos.

MRH Family Birthplace 4th Floor Asbestos Survey (2023) – Conducted an asbestos survey for 5 windows on the fourth floor of an upcoming hospital in Hollywood, FL.

Project Sol Weston Asbestos and Lead Demolition Survey (2023) – 0784-3854

Westchester FSED Asbestos Demolition (2023) – 0784-3866

Coral Gables City Hall 1st Floor Asbestos Survey (2023) – 0784-3886

SW Transportation Center Post Remediation Inspection (2023) – 0784-3809

Ross Miami International - Asbestos, Mold, Lead (2023) – 0784-3849

Ross West Kendall Asbestos, Mold, Lead (2023) – 0784-3853

Proposed Outback Steakhouse Asbestos Demolition Survey (2023) – 0784-3891

Kmart #4295 Smoke Test (2023) – 0784-3739

Naranja Park Asbestos Demolition Survey (2023) – 0784-3899



8. OFFICE LOCATIONS

PSI has a team of more than 300 professionals located within 10 offices throughout the state. If required, we are uniquely equipped to provide the expertise of over 1,900 PSI personnel through our network of industry professionals in 75 offices nationwide.

INTERTEK-PSI FLORIDA LOCATIONS

FORT LAUDERDALE

6500 NW 12th Avenue, Suite 116
Fort Lauderdale, FL 33309
954-267-0965

ORLANDO

1748 33rd Street
Orlando, FL 32839
407-304-5560

COCOA

2845 King Street
Cocoa, FL 32926
321-433-0083

KISSIMMEE

600 N Thacker Ave
Kissimmee, FL 34741
407-994-2994

PENSACOLA

175 S. "A" Street
Pensacola, FL 32502
850-434-1000

MIAMI

7950 NW 64th Street
Miami, FL 33166
305-471-7725

TAMPA

5801 Benjamin Center Dr.,
Suite 112, Tampa, FL 33634
813-886-1075

HUDSON

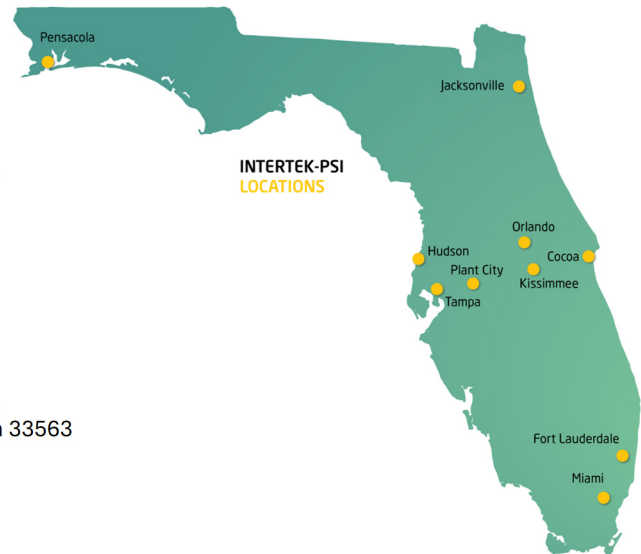
16550 Scheer Blvd., Ste. 1
Hudson, FL 34667
727-868-9526

PLANT CITY

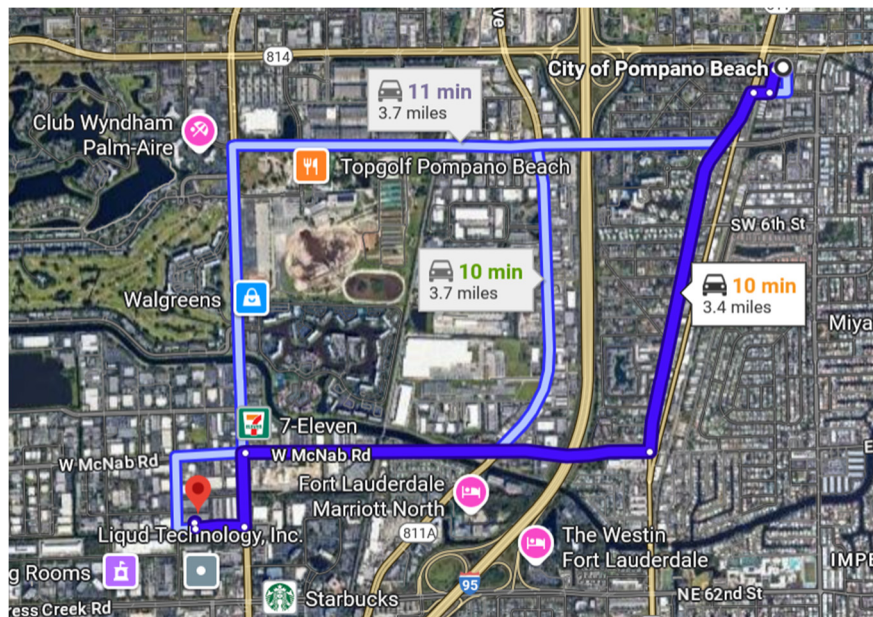
607 South Alexander Street,
Suite 210, Plant City, Florida 33563
813-580-5751

JACKSONVILLE

1708 Marshall Street
Jacksonville, FL 32206
281-971-5600



This contract will be managed out of our Fort Lauderdale office which is located 3.4 miles from Pompano Beach city hall. There are 16 full time staff in the Fort Lauderdale office.



Intertek Group plc - Company balance sheet

As at 31 December	Notes	2022 £m	2021 £m
Fixed assets			
Investments in subsidiary undertakings	(E)	354.3	347.3
Current assets			
Debtors due within one year	(F)	387.4	408.1
Cash at bank and in hand		387.4 0.2	408.1 1.1
Creditors due within one year		387.6	409.2
Other creditors	(G)	(7.4)	(5.5)
		(7.4)	(5.5)
Net current assets		380.2	403.7
Total assets less current liabilities		734.5	751.0
Net assets		734.5	751.0
Capital and reserves			
Called up share capital	(H)	1.6	1.6
Share premium	(H)	257.8	257.8
Profit and loss reserves	(H)	475.1	491.6
Total shareholders' funds		734.5	751.0

The profit for the financial year was £142.9m (2021: £163.2m).

The financial statements on pages 49 to 53 were approved by the Board on 27 February 2023 and were signed on its behalf by:



André Lacroix
Chief Executive Officer

Company number: 04267576



Jonathan Timmis
Chief Financial Officer

Intertek Group plc - Company statement of changes in equity

	Notes	Share capital £m	Share premium £m	Profit and loss reserves £m	Total equity £m
At 1 January 2021		1.6	257.8	497.6	757.0
Total comprehensive income for the year					
Profit	(B)	-	-	163.2	163.2
Total comprehensive income for the year		-	-	163.2	163.2
Transactions with owners of the Company recognised directly in equity					
Contributions by and distributions to the owners of the Company					
Dividends paid	(D)	-	-	(170.6)	(170.6)
Purchase of own shares		-	-	(11.4)	(11.4)
Tax paid on Share Awards vested		-	-	(5.8)	(5.8)
Equity-settled transactions	(E)	-	-	18.6	18.6
Total contributions by and distributions to the owners of the Company		-	-	(169.2)	(169.2)
At 31 December 2021		1.6	257.8	491.6	751.0
At 1 January 2022		1.6	257.8	491.6	751.0
Total comprehensive income for the year					
Profit	(B)	-	-	142.9	142.9
Total comprehensive income for the year		-	-	142.9	142.9
Transactions with owners of the Company recognised directly in equity					
Contributions by and distributions to the owners of the Company					
Dividends paid	(D)	-	-	(170.6)	(170.6)
Purchase of own shares		-	-	(2.3)	(2.3)
Tax paid on Share Awards vested		-	-	(4.0)	(4.0)
Equity-settled transactions	(E)	-	-	17.5	17.5
Total contributions by and distributions to the owners of the Company		-	-	(159.4)	(159.4)
At 31 December 2022		1.6	257.8	475.1	734.5

Consolidated income statement

	Notes	Adjusted results* £m	Separately Disclosed Items* £m	Total 2022 £m	Adjusted results* £m	Separately Disclosed Items* £m	Total 2021 £m
For the year ended 31 December							
Revenue	2	3,192.9	-	3,192.9	2,786.3	-	2,786.3
Operating costs	4	(2,672.8)	(67.7)	(2,740.5)	(2,312.4)	(40.7)	(2,353.1)
Group operating profit/(loss)	2	520.1	(67.7)	452.4	473.9	(40.7)	433.2
Finance income	14	2.2	-	2.2	1.5	-	1.5
Finance expense	14	(34.1)	(0.7)	(34.8)	(29.9)	8.6	(21.3)
Net financing (costs)/income		(31.9)	(0.7)	(32.6)	(28.4)	8.6	(19.8)
Profit/(loss) before income tax		488.2	(68.4)	419.8	445.5	(32.1)	413.4
Income tax (expense)/credit	6	(128.4)	15.4	(113.0)	(118.0)	11.3	(106.7)
Profit/(loss) for the year	2	359.8	(53.0)	306.8	327.5	(20.8)	306.7
Attributable to:							
Equity holders of the Company		341.8	(53.0)	288.8	308.9	(20.8)	288.1
Non-controlling interest	20	18.0	-	18.0	18.6	-	18.6
Profit/(loss) for the year		359.8	(53.0)	306.8	327.5	(20.8)	306.7
Earnings per share**							
Basic	7			179.2p			178.7p
Diluted	7			178.4p			177.9p

* See note 3.

** Earnings per share on the adjusted results is disclosed in note 7.

Consolidated statement of comprehensive income

For the year ended 31 December	Notes	2022 £m	2021 £m
Profit for the year	2	306.8	306.7
Other comprehensive income/(expense)			
Remeasurements on defined benefit pension schemes	16	17.4	11.5
Tax on comprehensive income items	6	(4.3)	(0.5)
Items that will never be reclassified to profit or loss		13.1	11.0
Foreign exchange translation differences of foreign operations		181.5	(24.7)
Net exchange (loss)/gain on hedges of net investments in foreign operations		(120.0)	4.0
Items that are or may be reclassified subsequently to profit or loss		61.5	(20.7)
Total other comprehensive income/(expense) for the year		74.6	(9.7)
Total comprehensive income for the year		381.4	297.0
Total comprehensive income for the year attributable to:			
Equity holders of the Company		363.1	277.4
Non-controlling interest	20	18.3	19.6
Total comprehensive income for the year		381.4	297.0

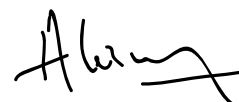
Consolidated statement of financial position

As at 31 December	Notes	2022 £m	2021 £m
Assets			
Property, plant and equipment	8	694.4	641.8
Goodwill	9	1,418.4	1,241.4
Other intangible assets	9	362.9	358.5
Trade and other receivables	11	21.5	-
Defined benefit pension asset	16	21.3	5.4
Deferred tax assets	6	45.0	39.3
Total non-current assets		2,563.5	2,286.4
Inventories*		16.9	14.9
Trade and other receivables*	11	726.4	661.9
Cash and cash equivalents	14	321.6	265.9
Current tax receivable		31.9	20.6
Total current assets		1,096.8	963.3
Total assets		3,660.3	3,249.7
Liabilities			
Interest-bearing loans and borrowings	14	(262.4)	(462.0)
Current taxes payable		(71.0)	(59.1)
Lease liabilities	14	(70.6)	(63.5)
Trade and other payables*	12	(723.2)	(667.8)
Provisions*	13	(15.8)	(13.2)
Total current liabilities		(1,143.0)	(1,265.6)
Interest-bearing loans and borrowings	14	(797.1)	(537.2)
Lease liabilities	14	(251.6)	(228.8)
Deferred tax liabilities	6	(99.2)	(67.4)
Defined benefit pension liabilities	16	(2.2)	(4.0)
Trade and other payables*	12	(34.6)	(31.9)
Provisions*	13	(14.6)	(0.5)
Total non-current liabilities		(1,199.3)	(869.8)
Total liabilities		(2,342.3)	(2,135.4)
Net assets		1,318.0	1,114.3

As at 31 December	Notes	2022 £m	2021 £m
Equity			
Share capital	15	1.6	1.6
Share premium		257.8	257.8
Other reserves		(41.3)	(102.5)
Retained earnings		1,065.9	925.1
Total equity attributable to equity holders of the Company		1,284.0	1,082.0
Non-controlling interest	20	34.0	32.3
Total equity		1,318.0	1,114.3

* Working capital of negative £47.8m (2021: negative £43.3m) comprises the asterisked items in the above statement of financial position less refundable deposits aged over 12 months of £nil (2021: £6.7m) and IFRS 16 Lease Receivable of £2.9m (2021: £nil).

The financial statements on pages 1 to 48 were approved by the Board on 27 February 2023 and were signed on its behalf by:



André Lacroix
Chief Executive Officer



Jonathan Timmis
Chief Financial Officer

Consolidated statement of changes in equity

		Attributable to equity holders of the Company							
		Other reserves							
							Total before non-controlling interest	Non-controlling interest	Total equity
For the year ended 31 December	Notes	Share capital £m	Share premium £m	Translation reserve £m	Other £m	Retained earnings £m	£m	£m	£m
At 1 January 2021		1.6	257.8	(87.2)	6.4	796.4	975.0	28.0	1,003.0
Total comprehensive (expense)/income for the year									
Profit		-	-	-	-	288.1	288.1	18.6	306.7
Other comprehensive (expense)/income		-	-	(21.7)	-	11.0	(10.7)	1.0	(9.7)
Total comprehensive (expense)/income for the year		-	-	(21.7)	-	299.1	277.4	19.6	297.0
Transactions with owners of the Company recognised directly in equity									
Contributions by and distributions to the owners of the Company									
Dividends paid	15	-	-	-	-	(170.6)	(170.6)	(17.0)	(187.6)
Adjustment arising from changes in non-controlling interest	20	-	-	-	-	-	-	1.7	1.7
Purchase of own shares	15	-	-	-	-	(11.4)	(11.4)	-	(11.4)
Tax paid on Share Awards vested*	17	-	-	-	-	(6.7)	(6.7)	-	(6.7)
Equity-settled transactions	17	-	-	-	-	18.6	18.6	-	18.6
Income tax on equity-settled transactions	6	-	-	-	-	(0.3)	(0.3)	-	(0.3)
Total contributions by and distributions to the owners of the Company		-	-	-	-	(170.4)	(170.4)	(15.3)	(185.7)
At 31 December 2021		1.6	257.8	(108.9)	6.4	925.1	1,082.0	32.3	1,114.3

* The tax paid on Share Awards vested is related to settlement of the tax obligation on behalf of employees by the Group via the sale of a portion of the equity-settled shares.

Consolidated statement of changes in equity Continued

		Attributable to equity holders of the Company								
		Other reserves								
		Share capital £m	Share premium £m	Translation reserve £m	Other £m	Retained earnings £m	Total before non- controlling interest £m	Non- controlling interest £m	Total equity £m	
For the year ended 31 December		Notes								
At 1 January 2022			1.6	257.8	(108.9)	6.4	925.1	1,082.0	32.3	1,114.3
Total comprehensive income for the year										
Profit			-	-	-	-	288.8	288.8	18.0	306.8
Other comprehensive income			-	-	61.2	-	13.1	74.3	0.3	74.6
Total comprehensive income for the year			-	-	61.2	-	301.9	363.1	18.3	381.4
Transactions with owners of the Company recognised directly in equity										
Contributions by and distributions to the owners of the Company										
Dividends paid		15	-	-	-	-	(170.6)	(170.6)	(16.6)	(187.2)
Purchase of own shares		15	-	-	-	-	(2.3)	(2.3)	-	(2.3)
Tax paid on Share Awards vested*		17	-	-	-	-	(4.4)	(4.4)	-	(4.4)
Equity-settled transactions		17	-	-	-	-	17.5	17.5	-	17.5
Income tax on equity-settled transactions		6	-	-	-	-	(1.3)	(1.3)	-	(1.3)
Total contributions by and distributions to the owners of the Company			-	-	-	-	(161.1)	(161.1)	(16.6)	(177.7)
At 31 December 2022			1.6	257.8	(47.7)	6.4	1,065.9	1,284.0	34.0	1,318.0

* The tax paid on Share Awards vested is related to settlement of the tax obligation on behalf of employees by the Group via the sale of a portion of the equity-settled shares.

Consolidated statement of cash flows

For the year ended 31 December	Notes	2022 £m	2021 £m
Cash flows from operating activities			
Profit for the year	2	306.8	306.7
Adjustments for:			
Depreciation charge	8	160.2	150.6
Amortisation of software	9	20.3	18.7
Amortisation of acquisition intangibles	9	34.8	29.3
Impairment of goodwill and other assets	8,9	15.3	-
Equity-settled transactions	17	17.5	18.6
Net financing costs	14	32.6	19.8
Income tax expense	6	113.0	106.7
(Profit)/loss on disposal of property, plant, equipment and software		(0.4)	0.1
Operating cash flows before changes in working capital and operating provisions		700.1	650.5
Change in inventories		(0.8)	0.6
Change in trade and other receivables		(54.3)	(29.2)
Change in trade and other payables		61.1	62.0
Change in provisions		-	(2.7)
Special contributions into pension schemes	16	(2.0)	(2.0)
Cash generated from operations		704.1	679.2
Interest and other finance expense paid		(37.5)	(27.0)
Income taxes paid		(106.7)	(102.0)
Net cash flows generated from operating activities*		559.9	550.2
Cash flows from investing activities			
Proceeds from sale of property, plant, equipment and software*		4.2	1.0
Interest received*	14	2.2	1.5
Acquisition of subsidiaries, net of cash acquired	10	(63.2)	(480.9)
Consideration paid in respect of prior year acquisitions		-	(10.9)
Acquisition of property, plant, equipment and software*		(116.5)	(97.1)
Net cash flows used in investing activities		(173.3)	(586.4)

For the year ended 31 December	Notes	2022 £m	2021 £m
Cash flows from financing activities			
Purchase of own shares	15	(2.3)	(11.4)
Tax paid on share awards vested		(4.4)	(6.7)
Drawdown of borrowings		477.2	471.3
Repayment of borrowings		(536.8)	(72.4)
Repayment of lease liabilities*		(81.4)	(70.4)
Dividends paid to non-controlling interest	20	(16.6)	(17.0)
Equity dividends paid		(170.6)	(170.6)
Net cash flow generated (used in)/from financing activities		(334.9)	122.8
Net increase in cash and cash equivalents	14	51.7	86.6
Cash and cash equivalents at 1 January	14	264.0	183.4
Exchange adjustments	14	5.0	(6.0)
Cash and cash equivalents at 31 December	14	320.7	264.0

The notes on pages 7 to 48 are an integral part of these consolidated financial statements.

Cash outflow relating to Separately Disclosed Items was £17.9m for year ended 31 December 2022 (2021: £16.6m).

* Free cash flow of £368.4m (2021: £385.2m) comprises the asterisked items in the above consolidated statement of cash flows.

Intertek Group plc - Company balance sheet

As at 31 December	Notes	2023 £m	2022 £m
Fixed assets			
Investments in subsidiary undertakings	(E)	360.2	354.3
Current assets			
Debtors due within one year	(F)	439.2	387.4
		439.2	387.4
Cash at bank and in hand		-	0.2
		439.2	387.6
Creditors due within one year			
Overdrafts and loans		(2.4)	-
Other creditors	(G)	(40.3)	(7.4)
		(42.7)	(7.4)
Net current assets		396.5	380.2
Total assets less current liabilities		756.7	734.5
Net assets		756.7	734.5
Capital and reserves			
Called up share capital	(H)	1.6	1.6
Share premium	(H)	257.8	257.8
Profit and loss reserves	(H)	497.3	475.1
Total shareholders' funds		756.7	734.5

The profit for the financial year was £193.9m (2022: £142.9m).

The financial statements on pages 51 to 56 were approved by the Board on 4 March 2024 and were signed on its behalf by:



André Lacroix
Chief Executive Officer

Company number: 04267576



Colm Deasy
Chief Financial Officer

Intertek Group plc – Company statement of changes in equity

	Notes	Share capital £m	Share premium £m	Profit and loss reserves £m	Total equity £m
At 1 January 2022		1.6	257.8	491.6	751.0
Total comprehensive income for the year					
Profit	(B)	-	-	142.9	142.9
Total comprehensive income for the year		-	-	142.9	142.9
Transactions with owners of the Company recognised directly in equity					
Contributions by and distributions to the owners of the Company					
Dividends paid	(D)	-	-	(170.6)	(170.6)
Purchase of own shares		-	-	(2.3)	(2.3)
Tax paid on Share Awards vested		-	-	(4.0)	(4.0)
Equity-settled transactions	(E)	-	-	17.5	17.5
Total contributions by and distributions to the owners of the Company		-	-	(159.4)	(159.4)
At 31 December 2022		1.6	257.8	475.1	734.5
At 1 January 2023		1.6	257.8	475.1	734.5
Total comprehensive income for the year					
Profit	(B)	-	-	193.9	193.9
Total comprehensive income for the year		-	-	193.9	193.9
Transactions with owners of the Company recognised directly in equity					
Contributions by and distributions to the owners of the Company					
Dividends paid	(D)	-	-	(176.3)	(176.3)
Purchase of own shares		-	-	(11.6)	(11.6)
Tax paid on Share Awards vested		-	-	(5.0)	(5.0)
Equity-settled transactions	(E)	-	-	21.2	21.2
Total contributions by and distributions to the owners of the Company		-	-	(171.7)	(171.7)
At 31 December 2023		1.6	257.8	497.3	756.7

Consolidated income statement

	Notes	Adjusted results* £m	Separately Disclosed Items* £m	Total 2023 £m	Adjusted results* £m	Separately Disclosed Items* £m	Total 2022 £m
For the year ended 31 December							
Revenue	2	3,328.7	-	3,328.7	3,192.9	-	3,192.9
Operating costs	4	(2,777.6)	(64.9)	(2,842.5)	(2,672.8)	(67.7)	(2,740.5)
Group operating profit/(loss)	2	551.1	(64.9)	486.2	520.1	(67.7)	452.4
Finance income	14	3.8	-	3.8	2.2	-	2.2
Finance expense	14	(47.7)	(20.0)	(67.7)	(34.1)	(0.7)	(34.8)
Net financing costs		(43.9)	(20.0)	(63.9)	(31.9)	(0.7)	(32.6)
Profit/(loss) before income tax		507.2	(84.9)	422.3	488.2	(68.4)	419.8
Income tax (expense)/credit	6	(124.8)	20.6	(104.2)	(128.4)	15.4	(113.0)
Profit/(loss) for the year	2	382.4	(64.3)	318.1	359.8	(53.0)	306.8
Attributable to:							
Equity holders of the Company		361.7	(64.3)	297.4	341.8	(53.0)	288.8
Non-controlling interest	20	20.7	-	20.7	18.0	-	18.0
Profit/(loss) for the year		382.4	(64.3)	318.1	359.8	(53.0)	306.8
Earnings per share**							
Basic	7			184.4p			179.2p
Diluted	7			183.4p			178.4p

* See note 3.

** Earnings per share on the adjusted results is disclosed in note 7.

Consolidated statement of comprehensive income

For the year ended 31 December	Notes	2023 £m	2022 £m
Profit for the year	2	318.1	306.8
Other comprehensive (expense)/income			
Remeasurements on defined benefit pension schemes	16	(2.6)	17.4
Tax on comprehensive income items	6	3.0	(4.3)
Items that will never be reclassified to profit or loss		0.4	13.1
Foreign exchange translation differences of foreign operations		(147.1)	181.5
Net exchange gain/(loss) on hedges of net investments in foreign operations		58.8	(120.0)
Loss on fair value of cash flow hedges		(0.1)	-
Items that are or may be reclassified subsequently to profit or loss		(88.4)	61.5
Total other comprehensive (expense)/income for the year		(88.0)	74.6
Total comprehensive income for the year		230.1	381.4
Total comprehensive income for the year attributable to:			
Equity holders of the Company		211.6	363.1
Non-controlling interest	20	18.5	18.3
Total comprehensive income for the year		230.1	381.4

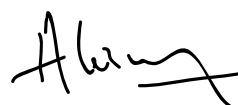
Consolidated statement of financial position

As at 31 December	Notes	2023 £m	2022 £m
Assets			
Property, plant and equipment	8	669.6	694.4
Goodwill	9	1,385.8	1,418.4
Other intangible assets	9	330.9	362.9
Trade and other receivables	11	21.8	21.5
Defined benefit pension asset	16	21.8	21.3
Deferred tax assets	6	36.4	45.0
Total non-current assets		2,466.3	2,563.5
Inventories*		17.2	16.9
Trade and other receivables*	11	725.1	726.4
Cash and cash equivalents	14	299.3	321.6
Current tax receivable		30.0	31.9
Total current assets		1,071.6	1,096.8
Total assets		3,537.9	3,660.3
Liabilities			
Interest-bearing loans and borrowings	14	(97.5)	(262.4)
Current taxes payable		(60.5)	(71.0)
Lease liabilities	14	(69.9)	(70.6)
Trade and other payables*	12	(735.6)	(723.2)
Provisions*	13	(18.0)	(15.8)
Total current liabilities		(981.5)	(1,143.0)
Interest-bearing loans and borrowings	14	(812.4)	(797.1)
Lease liabilities	14	(237.9)	(251.6)
Deferred tax liabilities	6	(75.3)	(99.2)
Defined benefit pension liabilities	16	(4.8)	(2.2)
Trade and other payables*	12	(30.1)	(34.6)
Provisions*	13	(35.8)	(14.6)
Total non-current liabilities		(1,196.3)	(1,199.3)
Total liabilities		(2,177.8)	(2,342.3)
Net assets		1,360.1	1,318.0

As at 31 December	Notes	2023 £m	2022 £m
Equity			
Share capital	15	1.6	1.6
Share premium		257.8	257.8
Other reserves		(127.5)	(41.3)
Retained earnings		1,191.5	1,065.9
Total equity attributable to equity holders of the Company		1,323.4	1,284.0
Non-controlling interest	20	36.7	34.0
Total equity		1,360.1	1,318.0

* Working capital of negative £78.8m (2022: negative £47.8m) comprises the asterisked items in the above statement of financial position less the IFRS 16 lease receivable of £1.6m (2022: £2.9m).

The financial statements on pages 1 to 50 were approved by the Board on 4 March 2024 and were signed on its behalf by:



André Lacroix
Chief Executive Officer



Colm Deasy
Chief Financial Officer

Consolidated statement of changes in equity

		Attributable to equity holders of the Company							
		Other reserves							
							Total before non-controlling interest	Non-controlling interest	Total equity
For the year ended 31 December	Notes	Share capital £m	Share premium £m	Translation reserve £m	Other £m	Retained earnings £m	£m	£m	£m
At 1 January 2022		1.6	257.8	(108.9)	6.4	925.1	1,082.0	32.3	1,114.3
Total comprehensive income for the year									
Profit		-	-	-	-	288.8	288.8	18.0	306.8
Other comprehensive income		-	-	61.2	-	13.1	74.3	0.3	74.6
Total comprehensive income for the year		-	-	61.2	-	301.9	363.1	18.3	381.4
Transactions with owners of the Company recognised directly in equity									
Contributions by and distributions to the owners of the Company									
Dividends paid	15	-	-	-	-	(170.6)	(170.6)	(16.6)	(187.2)
Changes in non-controlling interest	20	-	-	-	-	-	-	-	-
Purchase of own shares	15	-	-	-	-	(2.3)	(2.3)	-	(2.3)
Tax paid on Share Awards vested*	17	-	-	-	-	(4.4)	(4.4)	-	(4.4)
Equity-settled transactions	17	-	-	-	-	17.5	17.5	-	17.5
Income tax on equity-settled transactions	6	-	-	-	-	(1.3)	(1.3)	-	(1.3)
Total contributions by and distributions to the owners of the Company		-	-	-	-	(161.1)	(161.1)	(16.6)	(177.7)
At 31 December 2022		1.6	257.8	(47.7)	6.4	1,065.9	1,284.0	34.0	1,318.0

* The tax paid on Share Awards vested is related to settlement of the tax obligation on behalf of employees by the Group via the sale of a portion of the equity-settled shares.

Consolidated statement of changes in equity Continued

		Attributable to equity holders of the Company							
		Other reserves							
		Share capital £m	Share premium £m	Translation reserve £m	Other £m	Retained earnings £m	Total before non- controlling interest £m	Non- controlling interest £m	Total equity £m
For the year ended 31 December	Notes								
At 1 January 2023		1.6	257.8	(47.7)	6.4	1,065.9	1,284.0	34.0	1,318.0
Total comprehensive income for the year									
Profit		-	-	-	-	297.4	297.4	20.7	318.1
Other comprehensive (expense)/income		-	-	(86.1)	(0.1)	0.4	(85.8)	(2.2)	(88.0)
Total comprehensive income for the year		-	-	(86.1)	(0.1)	297.8	211.6	18.5	230.1
Transactions with owners of the Company recognised directly in equity									
Contributions by and distributions to the owners of the Company									
Dividends paid	15	-	-	-	-	(176.3)	(176.3)	(15.1)	(191.4)
Changes in non-controlling interest	20	-	-	-	-	-	-	(0.7)	(0.7)
Purchase of own shares	15	-	-	-	-	(11.6)	(11.6)	-	(11.6)
Tax paid on Share Awards vested*	17	-	-	-	-	(5.6)	(5.6)	-	(5.6)
Equity-settled transactions	17	-	-	-	-	21.2	21.2	-	21.2
Income tax on equity-settled transactions	6	-	-	-	-	0.1	0.1	-	0.1
Total contributions by and distributions to the owners of the Company		-	-	-	-	(172.2)	(172.2)	(15.8)	(188.0)
At 31 December 2023		1.6	257.8	(133.8)	6.3	1,191.5	1,323.4	36.7	1,360.1

* The tax paid on Share Awards vested is related to settlement of the tax obligation on behalf of employees by the Group via the sale of a portion of the equity-settled shares.

Consolidated statement of cash flows

For the year ended 31 December	Notes	2023 £m	2022 £m
Cash flows from operating activities			
Profit for the year	2	318.1	306.8
Adjustments for:			
Depreciation charge	8	156.0	160.2
Amortisation of software	9	19.3	20.3
Amortisation of acquisition intangibles	9	34.2	34.8
Impairment of goodwill and other assets	8,9	2.6	15.3
Equity-settled transactions	17	21.2	17.5
Net financing costs	14	63.9	32.6
Income tax expense	6	104.2	113.0
Profit on disposal of property, plant, equipment and software		(3.2)	(0.4)
Operating cash flows before changes in working capital and operating provisions		716.3	700.1
Change in inventories		(1.2)	(0.8)
Change in trade and other receivables		(41.2)	(54.3)
Change in trade and other payables		47.7	61.1
Change in provisions		4.3	-
Special contributions into pension schemes	16	-	(2.0)
Cash generated from operations		725.9	704.1
Interest and other finance expense paid		(71.9)	(37.5)
Income taxes paid		(119.0)	(106.7)
Net cash flows generated from operating activities*		535.0	559.9
Cash flows from investing activities			
Proceeds from sale of property, plant, equipment and software*		11.5	4.2
Interest received*		3.5	2.2
Acquisition of subsidiaries, net of cash acquired	10	(40.5)	(63.2)
Consideration paid in respect of prior year acquisitions		(2.7)	-
Acquisition of property, plant, equipment and software*		(116.9)	(116.5)
Net cash flows used in investing activities		(145.1)	(173.3)

For the year ended 31 December	Notes	2023 £m	2022 £m
Cash flows from financing activities			
Purchase of own shares	15	(11.6)	(2.3)
Tax paid on share awards vested		(5.6)	(4.4)
Drawdown of borrowings		160.5	477.2
Repayment of borrowings		(249.6)	(536.8)
Repayment of lease liabilities*		(77.8)	(81.4)
Purchase of non-controlling interest		(0.7)	-
Dividends paid to non-controlling interest	20	(15.1)	(16.6)
Equity dividends paid		(176.3)	(170.6)
Net cash flow generated from/(used in) financing activities		(376.2)	(334.9)
Net increase in cash and cash equivalents	14	13.7	51.7
Cash and cash equivalents at 1 January	14	320.7	264.0
Exchange adjustments	14	(35.8)	5.0
Cash and cash equivalents at 31 December	14	298.6	320.7

The notes on pages 7 to 50 are an integral part of these consolidated financial statements.

Cash outflow relating to Separately Disclosed Items was £23.1m for year ended 31 December 2023 (2022: £17.9m).

* Free cash flow of £355.3m (2022: £368.4m) comprises the asterisked items in the above consolidated statement of cash flows.



As at 31 December	Notes	2024 £m	2023 £m
Fixed assets			
Investments in subsidiary undertakings	(E)	369.9	360.2
Current assets			
Debtors	(F)	521.5	439.2
Cash at bank and in hand		521.5 1.2	439.2 –
Creditors due within one year		522.7	439.2
Overdrafts and loans		–	(2.4)
Other creditors	(G)	(38.5)	(40.3)
		(38.5)	(42.7)
Net current assets		484.2	396.5
Total assets less current liabilities		854.1	756.7
Net assets		854.1	756.7
Capital and reserves			
Called up share capital	(H)	1.6	1.6
Share premium	(H)	257.8	257.8
Profit and loss reserves	(H)	594.7	497.3
Total shareholders' funds		854.1	756.7

The profit for the financial year was £310.5m (2023: £193.9m).

The financial statements on pages 3.51 to 3.56 were approved by the Board on 3 March 2025 and were signed on its behalf by:

André Lacroix
Chief Executive Officer

Company number: 04267576

Colm Deasy
Chief Financial Officer



	Notes	Share capital £m	Share premium £m	Profit and loss reserves £m	Total equity £m
At 1 January 2023		1.6	257.8	475.1	734.5
Total comprehensive income for the year					
Profit	(B)	–	–	193.9	193.9
Total comprehensive income for the year		–	–	193.9	193.9
Transactions with owners of the Company recognised directly in equity					
Contributions by and distributions to the owners of the Company					
Dividends paid	(D)	–	–	(176.3)	(176.3)
Purchase of own shares		–	–	(11.6)	(11.6)
Tax paid on Share Awards vested		–	–	(5.0)	(5.0)
Equity-settled transactions	(E)	–	–	21.2	21.2
Total contributions by and distributions to the owners of the Company		–	–	(171.7)	(171.7)
At 31 December 2023		1.6	257.8	497.3	756.7
At 1 January 2024		1.6	257.8	497.3	756.7
Total comprehensive income for the year					
Profit	(B)	–	–	310.5	310.5
Total comprehensive income for the year		–	–	310.5	310.5
Transactions with owners of the Company recognised directly in equity					
Contributions by and distributions to the owners of the Company					
Dividends paid	(D)	–	–	(206.1)	(206.1)
Purchase of own shares		–	–	(24.7)	(24.7)
Tax paid on Share Awards vested		–	–	(6.7)	(6.7)
Equity-settled transactions	(E)	–	–	24.4	24.4
Total contributions by and distributions to the owners of the Company		–	–	(213.1)	(213.1)
At 31 December 2024		1.6	257.8	594.7	854.1



	Notes	Adjusted results* £m	Separately Disclosed Items* £m	Total 2024 £m	Adjusted results* £m	Separately Disclosed Items* £m	Total 2023 £m
For the year ended 31 December							
Revenue	2	3,393.2	-	3,393.2	3,328.7	-	3,328.7
Operating costs	4	(2,803.1)	(54.4)	(2,857.5)	(2,777.6)	(64.9)	(2,842.5)
Group operating profit/(loss)	2	590.1	(54.4)	535.7	551.1	(64.9)	486.2
Finance income	14	2.5	-	2.5	3.8	-	3.8
Finance expense	14	(44.8)	(3.4)	(48.2)	(47.7)	(20.0)	(67.7)
Net financing costs		(42.3)	(3.4)	(45.7)	(43.9)	(20.0)	(63.9)
Profit/(loss) before income tax		547.8	(57.8)	490.0	507.2	(84.9)	422.3
Income tax (expense)/credit	6	(135.2)	12.4	(122.8)	(124.8)	20.6	(104.2)
Profit/(loss) for the year	2	412.6	(45.4)	367.2	382.4	(64.3)	318.1
Attributable to:							
Equity holders of the Company		390.8	(45.4)	345.4	361.7	(64.3)	297.4
Non-controlling interest	20	21.8	-	21.8	20.7	-	20.7
Profit/(loss) for the year		412.6	(45.4)	367.2	382.4	(64.3)	318.1
Earnings per share**							
Basic	7			214.4p			184.4p
Diluted	7			212.7p			183.4p

* See note 3.

** Earnings per share on the adjusted results is disclosed in note 7.



For the year ended 31 December	Notes	2024 £m	2023 £m
Profit for the year	2	367.2	318.1
Other comprehensive income/(expense)			
Remeasurements on defined benefit pension schemes	16	3.7	(2.6)
Tax on comprehensive income items	6	6.0	3.0
Items that will never be reclassified to profit or loss		9.7	0.4
Foreign exchange translation differences of foreign operations		(64.8)	(147.1)
Net exchange gain/(loss) on hedges of net investments in foreign operations		1.7	58.8
Gain/(loss) on fair value of cash flow hedges		-	(0.1)
Items that are or may be reclassified subsequently to profit or loss		(63.1)	(88.4)
Total other comprehensive income/(expense) for the year		(53.4)	(88.0)
Total comprehensive income for the year		313.8	230.1
Total comprehensive income for the year attributable to:			
Equity holders of the Company		291.4	211.6
Non-controlling interest	20	22.4	18.5
Total comprehensive income for the year		313.8	230.1



As at 31 December	Notes	2024 £m	2023 £m
Assets			
Property, plant and equipment	8	692.8	669.6
Goodwill	9	1,365.9	1,385.8
Other intangible assets	9	304.2	330.9
Trade and other receivables	11	15.4	21.8
Defined benefit pension asset	16	27.2	21.8
Deferred tax assets	6	34.5	36.4
Total non-current assets		2,440.0	2,466.3
Inventories*		19.0	17.2
Trade and other receivables*	11	754.9	725.1
Cash and cash equivalents	14	343.0	299.3
Current tax receivable		42.4	30.0
Total current assets		1,159.3	1,071.6
Total assets		3,599.3	3,537.9
Liabilities			
Interest-bearing loans and borrowings	14	(101.3)	(97.5)
Current taxes payable		(67.2)	(60.5)
Lease liabilities	14	(70.1)	(69.9)
Trade and other payables*	12	(757.6)	(735.6)
Provisions*	13	(53.9)	(18.0)
Total current liabilities		(1,050.1)	(981.5)
Interest-bearing loans and borrowings	14	(741.5)	(812.4)
Lease liabilities	14	(229.5)	(237.9)
Deferred tax liabilities	6	(69.9)	(75.3)
Defined benefit pension liabilities	16	(5.2)	(4.8)
Trade and other payables*	12	(49.8)	(30.1)
Provisions*	13	(8.4)	(35.8)
Total non-current liabilities		(1,104.3)	(1,196.3)
Total liabilities		(2,154.4)	(2,177.8)
Net assets		1,444.9	1,360.1

As at 31 December	Notes	2024 £m	2023 £m
Equity			
Share capital	15	1.6	1.6
Share premium		257.8	257.8
Other reserves		(191.2)	(127.5)
Retained earnings		1,333.7	1,191.5
Total equity attributable to equity holders of the Company		1,401.9	1,323.4
Non-controlling interest	20	43.0	36.7
Total equity		1,444.9	1,360.1

* Working capital of negative £95.9m (2023: negative £78.8m) comprises the asterisked items in the above statement of financial position less the IFRS 16 lease receivable of £0.1m (2023: £1.6m).

The financial statements on pages 3.01 to 3.50 were approved by the Board on 3 March 2025 and were signed on its behalf by:

André Lacroix
Chief Executive Officer

Colm Deasy
Chief Financial Officer



		Attributable to equity holders of the Company							
		Other reserves							
For the year ended 31 December	Notes	Share capital £m	Share premium £m	Translation reserve £m	Other £m	Retained earnings £m	Total before non- controlling interest £m	Non- controlling interest £m	Total equity £m
At 1 January 2023		1.6	257.8	(47.7)	6.4	1,065.9	1,284.0	34.0	1,318.0
Total comprehensive income for the year									
Profit		-	-	-	-	297.4	297.4	20.7	318.1
Other comprehensive income/(expense)		-	-	(86.1)	(0.1)	0.4	(85.8)	(2.2)	(88.0)
Total comprehensive income for the year		-	-	(86.1)	(0.1)	297.8	211.6	18.5	230.1
Transactions with owners of the Company recognised directly in equity									
Contributions by and distributions to the owners of the Company									
Dividends paid	15	-	-	-	-	(176.3)	(176.3)	(15.1)	(191.4)
Changes in non-controlling interest	20	-	-	-	-	-	-	(0.7)	(0.7)
Purchase of own shares	15	-	-	-	-	(11.6)	(11.6)	-	(11.6)
Tax paid on Share Awards vested*	17	-	-	-	-	(5.6)	(5.6)	-	(5.6)
Equity-settled transactions	17	-	-	-	-	21.2	21.2	-	21.2
Income tax on equity-settled transactions	6	-	-	-	-	0.1	0.1	-	0.1
Total contributions by and distributions to the owners of the Company		-	-	-	-	(172.2)	(172.2)	(15.8)	(188.0)
At 31 December 2023		1.6	257.8	(133.8)	6.3	1,191.5	1,323.4	36.7	1,360.1

* The tax paid on Share Awards vested is related to settlement of the tax obligation on behalf of employees by the Group via the sale of a portion of the equity-settled shares.



	Notes	Attributable to equity holders of the Company							
		Other reserves							
		Share capital £m	Share premium £m	Translation reserve £m	Other £m	Retained earnings £m	Total before non- controlling interest £m	Non- controlling interest £m	Total equity £m
For the year ended 31 December									
At 1 January 2024		1.6	257.8	(133.8)	6.3	1,191.5	1,323.4	36.7	1,360.1
Total comprehensive income for the year									
Profit		-	-	-	-	345.4	345.4	21.8	367.2
Other comprehensive income/(expense)		-	-	(63.7)	-	9.7	(54.0)	0.6	(53.4)
Total comprehensive income for the year		-	-	(63.7)	-	355.1	291.4	22.4	313.8
Transactions with owners of the Company recognised directly in equity									
Contributions by and distributions to the owners of the Company									
Dividends paid	15	-	-	-	-	(206.1)	(206.1)	(16.1)	(222.2)
Changes in non-controlling interest	20	-	-	-	-	-	-	-	-
Purchase of own shares	15	-	-	-	-	(24.7)	(24.7)	-	(24.7)
Tax paid on Share Awards vested*	17	-	-	-	-	(7.4)	(7.4)	-	(7.4)
Equity-settled transactions	17	-	-	-	-	24.4	24.4	-	24.4
Income tax on equity-settled transactions	6	-	-	-	-	0.9	0.9	-	0.9
Total contributions by and distributions to the owners of the Company		-	-	-	-	(212.9)	(212.9)	(16.1)	(229.0)
At 31 December 2024		1.6	257.8	(197.5)	6.3	1,333.7	1,401.9	43.0	1,444.9

* The tax paid on Share Awards vested is related to settlement of the tax obligation on behalf of employees by the Group via the sale of a portion of the equity-settled shares.



For the year ended 31 December	Notes	2024 £m	2023 £m
Cash flows from operating activities			
Profit for the year	2	367.2	318.1
Adjustments for:			
Depreciation charge	8	144.4	156.0
Amortisation of software	9	17.3	19.3
Amortisation of acquisition intangibles	9	32.3	34.2
Impairment of goodwill and other assets	8,9	6.9	2.6
Equity-settled transactions	17	24.4	21.2
Net financing costs	14	45.7	63.9
Income tax expense	6	122.8	104.2
Profit on disposal of property, plant, equipment and software		(3.9)	(3.2)
Operating cash flows before changes in working capital and operating provisions		757.1	716.3
Change in inventories		(2.2)	(1.2)
Change in trade and other receivables		(45.6)	(41.2)
Change in trade and other payables		69.8	47.7
Change in provisions		(3.3)	4.3
Cash generated from operations		775.8	725.9
Interest and other finance expense paid		(52.2)	(71.9)
Income taxes paid		(126.5)	(119.0)
Net cash flows generated from operating activities*		597.1	535.0
Cash flows from investing activities			
Proceeds from sale of property, plant, equipment and software*		5.0	11.5
Interest received*		2.7	3.5
Acquisition of subsidiaries, net of cash acquired	10	(14.9)	(40.5)
Consideration paid in respect of prior year acquisitions		-	(2.7)
Acquisition of property, plant, equipment and software*		(135.0)	(116.9)
Net cash flows used in investing activities		(142.2)	(145.1)

For the year ended 31 December	Notes	2024 £m	2023 £m
Cash flows from financing activities			
Purchase of own shares	15	(24.7)	(11.6)
Tax paid on Share Awards vested	17	(7.4)	(5.6)
Drawdown of borrowings		24.7	160.5
Repayment of borrowings		(98.4)	(249.6)
Repayment of lease liabilities*		(74.4)	(77.8)
Purchase of non-controlling interest		-	(0.7)
Dividends paid to non-controlling interest	20	(16.1)	(15.1)
Equity dividends paid		(206.1)	(176.3)
Net cash flow used in financing activities		(402.4)	(376.2)
Net increase in cash and cash equivalents	14	52.5	13.7
Cash and cash equivalents at 1 January	14	298.6	320.7
Exchange adjustments	14	(14.6)	(35.8)
Cash and cash equivalents at 31 December	14	336.5	298.6

The notes on pages 3.07 to 3.50 are an integral part of these consolidated financial statements.

Cash outflow relating to Separately Disclosed Items was £13.4m for year ended 31 December 2024 (2023: £23.1m).

* Free cash flow of £395.4m (2023: £355.3m) comprises the asterisked items in the above consolidated statement of cash flows.



CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
10/01/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis Towers Watson Northeast, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA		CONTACT NAME: WTW Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@wtwco.com															
INSURED Professional Service Industries, Inc. 545 East Algonquin Road Arlington Heights, IL 60005		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: QBE Insurance Corporation</td> <td>39217</td> </tr> <tr> <td>INSURER B: Safety National Casualty Corporation</td> <td>15105</td> </tr> <tr> <td>INSURER C: QBE Specialty Insurance Company</td> <td>11515</td> </tr> <tr> <td>INSURER D: Ascot Specialty Insurance Company</td> <td>45055</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: QBE Insurance Corporation	39217	INSURER B: Safety National Casualty Corporation	15105	INSURER C: QBE Specialty Insurance Company	11515	INSURER D: Ascot Specialty Insurance Company	45055	INSURER E:		INSURER F:	
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COVERAGES		CERTIFICATE NUMBER: W40864374		REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER:		176000095	10/01/2025	10/01/2026	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 5,000,000 \$
B	AUTOMOBILE LIABILITY ☒ ANY AUTO ☒ OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY		CA 6676812	10/01/2025	10/01/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$		196000613	10/01/2025	10/01/2026	EACH OCCURRENCE \$ 6,000,000 AGGREGATE \$ 6,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N No N/A	LDS4068982 (AOS)	10/01/2025	10/01/2026	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000
B	Workers Compensation & Employers Liability Per Statute		PS 4068980 (WI)	10/01/2025	10/01/2026	EL Each Accident \$2,000,000 EL Disease - EA Empl. \$2,000,000 EL Disease - Pol Lmt. \$2,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Evidence of Coverage See next page for additional information: SEE ATTACHED						

CERTIFICATE HOLDER	CANCELLATION
Professional Service Industries, Inc. and Additional Named Insureds 545 E. Algonquin Road Arlington Heights, IL 60005	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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ACORD 25 (2016/03)

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SR ID: 28578550

BATCH: 4146829

AGENCY CUSTOMER ID: _____
 LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY Willis Towers Watson Northeast, Inc.		NAMED INSURED Professional Service Industries, Inc. 545 East Algonquin Road Arlington Heights, IL 60005	
POLICY NUMBER See Page 1			
CARRIER See Page 1	NAIC CODE See Page 1	EFFECTIVE DATE: See Page 1	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Named Insured Includes:
 Testing Holdings USA Inc.
 Professional Service Industries, Inc.
 dba Intertek-PSI
 aka PSI
 Professional Service Industries Holdings, Inc.
 Professional Service Industries Engineerings, PLLC
 Pittsburgh Testing Laboratory, Inc.
 PSI Acquisitions, Inc.
 Midwest Engineering Services, Inc.
 Wilson Inspection X-Ray Services, Inc.

INSURER AFFORDING COVERAGE: QBE Specialty Insurance Company
 POLICY NUMBER: 130010449 EFF DATE: 09/30/2025 EXP DATE: 09/30/2026

NAIC#: 11515

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Professional Liability	Each Claim/Aggregate	\$5,000,000
	SIR	\$1,250,000

INSURER AFFORDING COVERAGE: Ascot Specialty Insurance Company
 POLICY NUMBER: ENPC2410001413-02 EFF DATE: 10/01/2025 EXP DATE: 10/01/2026

NAIC#: 45055

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Contractor's Pollution	Limit of Liability	See Below
	Deductible Each Loss	\$100,000

ADDITIONAL REMARKS:
 Coverage A Each Loss \$5,000,000
 Coverage B Each Loss \$5,000,000
 Aggregate \$10,000,000



Geotechnical Engineering

Environmental Consulting

Industrial Hygiene Services

Construction Materials Testing & Inspection

Specialty Engineering & Testing Services

Pavement Evaluation Services

Nondestructive Examination

Building Science Solutions



E. John Emerson, CSP, CIEC, FLAC, FLMA

Environmental Services Manager/Principal Consultant

Professional Service Industries Inc., (Intertek-PSI)

6500 NW 12th Ave., Suite 116, Fort Lauderdale, FL 33309

Direct 1 786 668 3226

Mobile 1 954 818 6757

john.emerson@intertek.com

www.intertek.com/psi

TOTAL QUALITY. ASSURED.

City of Pompano Beach

RLI26-004 CONTINUING CONTRACT FOR PROFESSIONAL ENVIRONMENTAL TESTING

Position Classification & Maximum Hourly Labor Rate Schedule

Prime /Firm Name	Professional Service Industries, Inc.
------------------	---------------------------------------

Position / Classification	Maximum Hourly Rate (\$)
Chief Scientist/Geologist/Engineer/Biologist/Industrial Hygienist	\$ 285.00
Senior Scientist/Geologist/Engineer/Biologist/Industrial Hygienist	\$ 225.00
Regional Scientist/Geologist/Engineer/Biologist/Industrial Hygienist	\$ 175.00
Project Scientist/Geologist/Engineer/Biologist/Industrial Hygienist	\$ 150.00
Project Manager	\$ 125.00
GIS Specialist	\$ 125.00
Staff Scientist/ Geologist/Engineer/Biologist/Industrial Hygienist	\$ 115.00
Environmental Specialist	\$ 100.00
CADD/Computer Technician	\$ 95.00
Senior Environmental Technician	\$ 95.00
Environmental Technician	\$ 80.00
Administrative/Clerical	\$ 65.00
Subcontractor Work, if any	Cost + 20%
Mileage	\$ 0.85

City of Pompano Beach

RLI26-004 CONTINUING CONTRACT FOR PROFESSIONAL ENVIRONMENTAL TESTING

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	Professional Service Industries, Inc.
--------------------	---------------------------------------

Description	Unit	Maximum Rate (\$)
INDUSTRIAL HYGIENE LABORATORY SERVICES		
Mold Direct Microscopy (non-viable) - Air, Bulk, Swab, Tape	Sample	\$ 75.00
Asbestos Bulk - Polarized Light Microscopy (PLM) Analysis (Per Layer)	Sample	\$ 20.00
Asbestos Bulk - Point count analysis (400 Points)	Sample	\$ 55.00
Asbestos Air - Phased Contrast Microscopy (PCM) Analysis	Sample	\$ 15.00
Asbestos Air (AHERA) - Transmission Electronic Microscopy (TEM)	Sample	\$ 125.00
Asbestos Dust Vac TEM	Sample	\$ 200.00
Lead (Atomic Absorption Method) - Air, Paint, Soil, Wipe	Sample	\$ 30.00
Lead TCLP	Sample	\$ 150.00
Total Dust NIOSH 0500 - Air	Sample	\$ 65.00
Respirable Dust NIOSH 0600 - Air	Sample	\$ 65.00
EQUIPMENT RENTAL		
Organic Vapor Analyzer (OVA)	Each	\$ 250.00
Data Logger/pressure transducer	Each	\$ 400.00
Pump - Development/Centrifugal	Each	\$ 190.00
Shallow Groundwater Sampling Kit	Each	\$ 350.00
Soil sampling kit	Each	\$ 350.00
Air Quality Sampling Kit	Each	\$ 125.00
Surveying Equipment	Each	\$ 200.00
Water Level Indicator/interface probe	Day	\$ 60.00
Handheld GPS unit (+/- three meter accuracy)	Day	\$ 150.00
Xray Fluorescence (XRF) (lead based paint/RCRA Metals analyzer)	Day	\$ 400.00
In-Line Filters	Each	\$ 65.00
8 oz. Sample Jars with Lids, 24/case	Each	\$ 36.00
Sampling Supplies	Each	\$ 30.00
ENVIRONMENTAL SITE AND CONTAMINATION ASSESSMENTS		

Description	Unit	Maximum Rate (\$)
Phase 1 Site Assessment (ESA) - Call for quote on large parcel or multi-tenant sites	Starting at	\$ 2,200.00
2" dia. monitor well installation (includes decon, screen riser, sand pack, seal and grout)	per foot	\$ 45.00
4" dia. monitor well installation (includes decon, screen riser, sand pack, seal and grout)	per foot	\$ 60.00
4" Double Cased Wells	per foot	\$ 60.00
6" Double Cased Wells	per foot	\$ 75.00
Well completion (up to 30 min development, meter box w/ bolt down cover, concrete pad and locking well cap)	Each	\$ 275.00
Mobilization and demobilization charges for site accessible to conventional truck-mounted exploration drill rigs	Lump sum	\$ 600.00
Well Abandonment (includes grouting)	per foot	\$ 20.00
2' x 2' well pad removal and cold patch with asphalt or concrete	Each	\$ 275.00
Shallow 2" diameter monitor well installation with portable equipment (Up to 15 Feet)	Each	\$ 1,500.00
Temporary mini well constructed using direct push technology including abandonment	Day	\$ 2,300.00
Soil and Groundwater Laboratory Analysis	Each	Cost + 20%