Alachua County Board of County Commissioners

Request for Proposals – Annual Environmental Consulting Services

RFP #20-171

(RFP Submittal Deadline: April 24, 2019, 2:00 PM)



Prepared by:

Wetland Solutions, Inc.

5302 NW 156th Avenue

Gainesville, FL 32653

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Section 1.0 Letter of Interest

April 24, 2019

Alachua County Selection Committee Members
Alachua County Board of County Commissioners
County Administration Building
12 SE 1st Street
Gainesville, FL 32601-6983

Dear Members of the Selection Committee:

Subject: RFP #20-171 Annual Environmental Consulting Services

Wetland Solutions, Inc. (WSI) is pleased to submit this response to the Request for Proposals (RFP) #20-171 – Annual Environmental Consulting Services issued by the Alachua County Board of County Commissioners (County). WSI has worked with the County on a variety of projects over the past several years and has also been considered a resource for information by the County on wetland treatment and natural systems. During County projects, WSI has always worked effectively with County staff to meet or exceed project expectations. In addition to projects for the County, WSI has worked extensively on projects in Alachua County for the City of Gainesville and Gainesville Regional Utilities for more than a decade. These projects have included extensive work on the Sweetwater Wetland Park, groundwater recharge wetlands, stormwater management projects, and wetland restoration projects. Given WSI's location in the heart of Alachua County WSI also has a keen interest in environmental issues that impact the community.

WSI was founded in 2000 in Alachua County and remains a small environmental engineering firm that specializes in treatment wetlands, springs ecology, water quality modeling, water resources and stormwater management, environmental monitoring, wetland delineation, and data analysis and reporting. This expertise has been applied extensively in Florida and nationally to solve water quality problems, to develop state-of-the-art research on wetlands and springs, to develop and permit environmental improvement projects, to develop restoration plans and projects for springs, and to collect and interpret environmental data.

For any issued agreement, WSI will specify the staff assigned to the project. Given WSI's team size and composition, staff changes would not be anticipated as all current staff are also owners and all work would be performed at the single company office in Alachua County. Should staff changes be necessary, WSI commits to only replace team members with equally or more qualified persons following written approval by the County.

Sincerely,

Scott Knight, Ph.D., P.E.

Vice President and Water Resources Engineer

Authorized Individuals:

Wetland Solutions, Inc. (Respondent)
5302 NW 156th Avenue
Gainesville, FL 32653
(386) 462-9286
(386) 462-3196 (Fax)

Christopher Keller (President), Ronald Clarke (Vice President), Scott Knight (Vice President)

Section 2.0 Project Understanding and Approach

Wetland Solutions, Inc. (WSI) is a specialized environmental engineering firm that was founded to provide exceptional service related to treatment wetlands, springs ecology, aquatic ecology, and natural systems. WSI has remained focused on these areas of expertise during its 19-year history and has successfully completed hundreds of projects in these practice areas for numerous clients including: municipalities, Water Management Districts (WMDs), state agencies, and national and international private clients.

WSI is certified by the State of Florida to perform engineering services (Certificate of Authorization No. 28785), is located in Gainesville, Florida, and currently employs a full-time staff of three, with two registered professional engineers. WSI has been recognized as a small business by the South Florida Water Management District and qualifies for recognition as a small business enterprise (SBE) under the Alachua County definition (located in Alachua County, less than $1 million in net value, and fewer than 25 employees). WSI has applied for SBE certification with Alachua County at the time of this submittal and anticipates having approval within the next 30 days.

WSI's highly qualified professional staff include Chris Keller, M.E., P.E., an environmental engineer with 24 years of treatment wetland design, environmental permitting, and alternatives analysis experience; Ron Clarke, M.S., an environmental scientist with 23 years of springs, riverine, and wetlands experience; and Scott Knight, Ph.D., P.E., a water resources engineer with 14 years of experience in watershed modeling, ecological monitoring, wetland design, and stormwater system design. These team members also comprise the entirety of WSI's ownership and management team, ensuring that any communication will be with someone who has full authority to make decisions on behalf of the company. Given WSI's size and composition there will be no "bait and switch" on projects where high-level staff are used to promote a project that is then completed by junior, less experienced staff. Furthermore, WSI staff all work in Gainesville and are intimately aware of local issues and the region's unique ecosystems. WSI is committed to completing projects on-time and on-budget. As of the time of this RFP submittal, and projected over the next three years, WSI has availability to complete additional project work assigned by the County. Because of WSI's size, projects can be accurately scoped at the time of a task assignment with an appropriate schedule agreed to by WSI and the County. WSI does not have to balance multi-office scheduling and all team members are in constant communication about workload. WSI believes that direct communication is critical to successful project development and will not commit to a project schedule that is unachievable. Once agreed to, WSI will ensure that the project is kept on schedule through regular communication and project updates with the County.

The environmental consulting industry has changed in recent years, and we now find ourselves in a market of conglomerates that provide services in all areas but specialize in none. WSI is different, we are a small firm that simply strives to be the best at what we do. Our size makes us uniquely able to respond quickly without requiring approval through a complex internal bureaucracy. This ensures that decision-making and communication are efficient. Additionally, our overhead is low and does not significantly diminish the time available for project work. These

characteristics make WSI an outstanding value, allowing the County to get more hours of effort on projects for the same or a lower cost than can be achieved at other firms. This results in a direct cost-benefit advantage for the County and its residents.

WSI has recently completed two projects for Alachua County through a sole source contract for a project less than $7,000 and as a subcontractor to a consultant with an existing continuing services contract. The first of these projects was a technical review of another consultant's technical report for the Newnans Lake Improvement Initiative. In the second project WSI provided comments and supporting information for the review of a phosphate mine application that could be anticipated to have environmental impacts on the Santa Fe River in Alachua County and assisted in land development regulation updates. These projects provide WSI with a clear understanding of the types of projects that may be anticipated from this RFP and also illustrate the variety of projects addressed by the County. In both cases WSI developed a work plan based on conversations with the County's project manager and project staff and agreed upon the tasks to be included and the anticipated level of effort. WSI is particularly effective in project development because of the small organizational structure and ability for the County to directly communicate with a decision maker. Where necessary, typically on larger projects, WSI uses project management software to keep projects on-time through identification of critical paths.

WSI has worked on a wide-variety of environmental projects, but specializes in water resources projects. WSI is experienced and has received Florida Department of Environmental Protection certification for the collection of groundwater and surface water samples and works regularly with AEL in Gainesville (a NELAC and FDEP certified lab) for the analysis of collected samples. WSI maintains a variety of equipment in-house for collection of samples including: YSI water quality data sondes for both real-time measurement and long-term deployment, a Sontek M9 flow meter for collecting flow data in medium and large systems, an electromagnetic flow meter and wading rod for collection of flow data in small or shallow systems, deployable electromagnetic flow meters for collection of flow data in pipes, surface and groundwater sampling equipment, survey equipment for engineering surveys, as well as other sampling and field equipment. WSI intimately understands the value of accurate, representative data because of the role it plays in evaluating current conditions, restoration planning, project development, and post-project assessment. WSI follows all appropriate quality assurance and quality control procedures to ensure that collected data are of high quality and WSI has developed a variety of tools that are used internally to ensure data quality and consistency.

WSI has worked on numerous projects to identify water quality concerns and to develop alternatives to address water quality issues and for natural system restoration. The first step on nearly all of these projects is collection and analysis of existing data to identify the causes of pollution, need for additional data, and to address the underlying causes of environmental degradation. WSI is exceptionally familiar with environmental data analysis, interpretation, and appropriate statistical techniques. When combined with WSI's extensive firsthand experience these techniques often produce novel insight into environmental conditions that allow for accurate identification of problems and appropriate management strategies. WSI summarizes findings in technical memoranda or reports and has been developing high quality technical reports since our inception. WSI understands the value of the County staff's time and does not provide reports to clients that have not received thorough technical and editorial review. WSI is also experienced in providing reports that can be consumed by readers of various degrees of technical expertise and making presentations to the public on complex environmental issues.

WSI is considered a world-leader in the development and implementation of treatment wetland projects. Frequently, development of these projects has included alternatives analysis and evaluation of new technologies to meet treatment objectives. WSI frequently provides technical review and evaluation of other consultant's work and alternative evaluations. WSI approaches all of these projects from a scientific standpoint and evaluates treatment technologies based on available data as well as the applicability of the technology. Where only inadequate or inapplicable data are available WSI may recommend additional data collection to validate technology performance. WSI frequently interacts with and prepares reports for regulatory agencies. This has included reports to the WMDs, FDEP, and the United States Army Corps of Engineers (USACE). WSI staff have interfaced with regulators in all of the local offices of the WMDs, FDEP, and the USACE.

WSI has provided wetland delineations and Uniform Mitigation Assessment Method (UMAM) evaluations for a wide variety of sites. WSI is also monitoring the ongoing modifications to the UMAM process and will implement the new method once approved.

WSI has developed environmental restoration plans for a variety of projects, but particularly for natural systems with impacted wetlands. Recently in the County this has included restoration plans for wetlands at both Bivens Arm Nature Park and JJ Finley Elementary School.

Section 3.0 Consultant's Qualifications and Staff

Scott Knight Ph.D., P.E., will serve as the project manager for work assignments from the County. Assigned staff may vary by project, but will generally include Chris Keller and Ron Clarke in addition to Scott Knight. Each team member brings specific technical expertise and strengths to the team while all team members have a high level of experience in WSI's practice areas. As previously stated, WSI commits to providing these staff members to County projects and will not use less qualified staff.

WSI is located in Alachua County and is familiar with the ongoing efforts of Alachua County with regards to natural systems restoration, springs protection and restoration, stormwater management improvements, wetland protection, and Santa Fe River protection. WSI team members live in the community and frequently interact with both the residents of Alachua County and the various entities that work on environmental projects in the County. Furthermore, WSI has a vested interest in protecting and supporting the community where we live and work.

Workload

WSI staff currently have substantial availability in 2020 and beyond. Given the timeframe for work, availability is estimated to be the same for each year of the contract period.

Team Member	Availability			
	2020	2021	2022	2023
Scott Knight	65%	65%	65%	65%
Chris Keller	50%	50%	50%	50%
Ron Clarke	75%	75%	75%	75%

Background

Wetland Solutions, Inc. (WSI) is a firm of three dedicated employees who work collaboratively to complete projects. WSI's small size is an asset that allows for efficiency in communicating, coordinating, and completing projects in a way that will provide the County with a seamless project experience from scoping through project delivery. Additionally, the lack of extensive internal inefficiency means that WSI's rates for the level of technical expertise received is unparalleled, providing exceptional value to the County and residents.

Designated Contact

Scott Knight will serve as the designated contact for projects with the County. Chris Keller will serve as the alternate contact in the event of Scott's temporary absence.

Sub-Consultants

WSI has worked extensively with companies located in Alachua County. This has included surveyors, laboratories, engineering firms, geologists, and environmental science firms. Given the lack of specific defined projects, the general nature of this RFP, and the work that WSI would anticipate receiving through this RFP the decision was made to not include subcontractors. If a

project arises that will require outside expertise, experience, or effort WSI will either work with a County-designated company from this RFP or will work with the County to select the optimal team member to accomplish the specific project need, while giving preference to county SBE firms.

Prior Experience

WSI has successfully completed hundreds of projects since the company was founded in 2000. These projects have covered an extensive array of projects that include, in no particular order: treatment wetland design, environmental monitoring, technical review, wetland delineation, springs ecology, springs monitoring, watershed modeling, hydraulic and hydrologic modeling, lake studies, alternatives analyses, construction oversight, and a wide-variety of other projects. Presented below are a selection of example projects that were completed in Alachua County and surrounding counties that illustrate some of WSI's expertise.

Groundwater Recharge Wetlands and Environmental Monitoring

WSI has worked extensively with Gainesville Regional Utilities (GRU) to implement and test the first purposefully designed and studied groundwater recharge wetlands at the Kanapaha Middle School and Kanapaha Water Reclamation Facility. These wetlands had surface water and groundwater monitoring to quantify the removal of nitrogen in infiltrated water to evaluate the potential benefits from this treatment and recharge of water to the Upper Floridan Aquifer. These projects were designed as an alternative to current disposal practices to benefit natural systems (e.g. springs) with a higher quantity of higher quality water. WSI completed numerous sampling events at each of these sites and developed technical and data reports to present the findings. WSI has also presented these projects in a variety of forums. These projects established the groundwater recharge wetland concept as a viable alternative to both sprayfields and rapid infiltration basins that could be implemented in western Alachua County and portions of the state with relatively poor confinement. Since these initial projects, full-scale systems have been constructed, are under construction, or are in design for: Lake City, Pasco County, Ocala, and High Springs.

Environmental Restoration Plans

WSI has worked with the City of Gainesville on several projects designed to restore and improve urban wetlands at Bivens Arm Nature Park and on the JJ Finley Elementary School property. In both cases, wetlands that have been historically impacted by development were evaluated with regard to improving the existing condition, expanding recreational opportunities, and improving water quality. At each of these sites water quality and stormwater modeling tools were used to evaluate the current condition and pollutant loading, with wetland modeling tools applied to determine the potential water quality benefit associated with hydrologic improvement. Results of these studies were summarized in technical memoranda or reports.

Wetland Design, Environmental Monitoring, and Wetland Delineation

WSI has worked extensively in Columbia County. This has included work for the City of Lake City on the design, performance modeling, construction inspection, and post-construction monitoring of the conversion of their largest sprayfield to a groundwater recharge wetland. This effort has also included funding application development for a subsequent phase of this project,

as well as on-going technical assistance for the wetland. WSI has developed data reports for the project that summarize the environmental benefits of the project for water quality enhancement at Ichetucknee Springs. WSI has also worked on wetland delineations and UMAM assessments for a variety of projects for Columbia County related to stormwater improvement. These projects have been designed to reduce flooding and have incorporated treatment wetlands to improve stormwater quality in waters that recharge the Floridan Aquifer and feed the Ichetucknee River.

Projects for Alachua County

Within the past several years WSI has completed two projects for the County. This included a technical review of a report prepared by another consultant for the Newnans Lake Improvement Initiative. WSI reviewed the report and provided technical comments related to the modeling approach and recommendations and comments regarding some of the proposals presented in the report. The second project was providing technical assistance in the review of a draft mining permit for a phosphate mine planned in the Santa Fe River Watershed. This assistance also included a literature review of natural buffers and setbacks and review and comment on the drafting of new land development regulations and ordinances. As a part of this project WSI produced two technical memoranda and attended public meetings.

A common theme in all of these projects is that the core WSI team that completed the projects is the same as those who will be used on any projects assigned by the County under this Contract. WSI does not have staff in offices spread around the state, country, or world. All of our technical expertise is located locally and we will be the people you interface with on any project.

Resumes

Scott Knight, Ph.D., P.E.

Water Resources Engineer and Vice President

Dr. Knight has 14 years of water resources engineering experience, including both private consulting and public utility employment and has been with WSI for 8 years. His water resources experience includes hydrologic and hydraulic modeling, water quality modeling, stream flow measurement, and consumptive use modeling. Dr. Knight has significant experience collecting water quality samples from groundwater and surface water including extensive experience in springs sampling. In addition to the collection and analysis of collected data, Dr. Knight has experience in data interpretation and quality assurance. This field work experience includes collection of samples under a wide variety of hydrologic conditions including sampling under flood conditions and at tidally-influenced stations.

Education

University of Florida, Ph.D. – Water Resources Engineering

University of Florida, M.E. – Water Resources Engineering

University of Florida, B.S. – Environmental Engineering

Certifications

FL Professional Engineer – #72207

Qualified Stormwater Management Inspector – #31268

DEP SOPs for Water Sampling & Meter Testing

SCUBA Certified

Relevant Experience

Bivens Arm Nature Park Conceptual Marsh Restoration Plan, City of Gainesville, Gainesville, FL: Dr. Knight worked as a project engineer on a conceptual restoration plan for the Bivens Arm Nature Park in Gainesville. This project evaluated restoration of three historic marshes that were impacted by channelization of East Tumblin Creek. Components of this project included wetland evaluation, engineering survey, HEC-RAS modeling, and conceptual restoration plans for the onsite wetland features. Conceptual restoration plans were developed for the wetland features though a combination of sediment removal, vegetation control and planting, and hydrologic modification using in-stream ditch blocks and overflow structures. This project also had estimated costs developed for each of the proposed restoration projects.

Ichetucknee Springs Water Quality Improvement Project, SRWMD, Lake City, FL: Dr. Knight served as a project engineer for design review and for planting oversight during construction. Planting oversight took place over approximately four months and was key in identifying planting problems including: improper spacing and plant shortages. This planting oversight allowed the SRWMD to request additional planting, free of charge, to ensure the design plans were followed. Dr. Knight developed a sampling plan and led collection of water quality samples for nutrients, water levels in the wetland cells, and data evaluation in the constructed treatment wetland receiving treated wastewater effluent. Sampling was performed for Lake City and the

SRWMD to document system performance and guide operations. This effort also included development of site water balance to determine the volume of water treated and to estimate mass removal of nitrogen and phosphorus for the wetland.

Middle St. Johns River Water Quality and Restoration Engineering Design Services, SJRWMD, Palatka, FL: Dr. Knight assisted with preliminary field data collection and the development of conceptual designs for two treatment wetlands in the Middle St. John's River Basin. Proposed project sites included the Econ-Yarborough tract and the Lake Cameron Ranch property adjacent to Lake Jesup. Both conceptual plans were prepared to develop preliminary estimates of the cost-effectiveness of reducing phosphorus loads in watersheds that contribute flow to the St. John's River.

Three Sisters Stormwater Treatment Wetland, SWFWMD, Crystal River, FL: Dr. Knight served as an assistant professional engineer on the Three Sisters Treatment Wetland project for the Southwest Florida Water Management District (SWFWMD). His role included alternatives analysis to develop an optimal wetland configuration. He also completed the hydrologic and hydraulic modeling for the design which included updating and adding higher resolution information to an existing watershed management model for Crystal River to evaluate the impact of the treatment wetland project on floodplain elevations in the watershed.

Treatment Wetland Feasibility Study, SWFWMD: Dr. Knight was WSI's project engineer for a District-wide feasibility study to determine the potential nutrient removal and aquifer recharge benefits of converting existing wastewater land application sites to groundwater recharge wetlands. WSI screened sixteen facilities for suitability, fully-evaluated the feasibility for ten facilities, and prepared a detailed conceptual design for the top-ranked facility. This project also included interfacing with the utilities and development of presentations to two utilities about projects at their facilities.

Lake Apopka Marsh Flow-Way Optimization, SJRWMD, Palatka, FL: Dr. Knight assisted with the preparation of water quality performance estimates for the proposed modifications to determine the most cost-effective alternative for future implementation. This project included identification and evaluation of structural, physical, and operational modifications to enhance water quality treatment for the 700-acre Marsh Flow-Way, which treats highly eutrophic surface water from Lake Apopka.

Kanapaha Water Reclamation Facility, Gainesville Regional Utilities, Gainesville, FL: Dr. Knight completed extensive surface water and groundwater sample collection associated with a constructed treatment wetland. Groundwater sampling included collection of both surficial groundwater and Floridan Aquifer samples for wells of different configurations, screened intervals, and water table conditions. Both submersible and peristaltic pumps were used for sample collection with appropriate FDEP SOPs followed for sample collection, after meeting required stabilization criteria.

Ginnie Springs Ecosystem Baseline, Ginnie Springs Outdoors, Gilchrist County, FL: Dr. Knight collected surface water quality samples and field parameters within several spring runs. Field data collection also included calibration and deployment of YSI water quality sondes to collect high frequency continuous data for extended periods.

Chris Keller, M.E., P.E.

Senior Environmental Engineer and President

Mr. Keller has 24 years of experience in water resources engineering, water quality and biological monitoring, water quality treatment, and environmental permitting and has been with WSI for 16 years. Mr. Keller has particular expertise in treatment wetlands design, performance optimization, water regime and hydrologic analysis, and data interpretation. Mr. Keller has also led the design of multiple large-scale treatment wetlands for a variety of purposes and is familiar with common problems and appropriate methods to determine root causes and solutions. Mr. Keller has been an invited guest to present on stormwater wetlands at the Florida Chamber Environmental Permitting Summer School for seven years and has presented numerous times on treatment wetland projects and performance.

Education

University of Florida, M.E. – Environmental Engineering

University of Florida, B.S. – Environmental Engineering

Certifications

FL Professional Engineer – #54040

Qualified Stormwater Management Inspector – #31267

Relevant Experience

Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project, Gainesville Regional Utilities, Gainesville, FL: Mr. Keller provided engineering design assistance and water quality performance modeling for the 125-acre Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project in Gainesville, FL. Project elements include in-line trash and sediment removal facilities, three constructed wetland cells to cleanse a combined flow of stormwater runoff and reclaimed water, and a distribution channel to spread water across a mile-wide portion of Paynes Prairie. Mr. Keller led wetland planting plan development and planting oversight during construction; provided required system reporting for compliance and water quality/quantity treatment estimates based on field-collected monitoring data; and worked on mitigation data collection to support United States Army Corps of Engineers wetland permitting. Mr. Keller also completed data analysis to support a Water Quality Based Effluent Limitation that demonstrates attainment of the Total Maximum Daily Load for Alachua Sink.

Three Sisters Stormwater Treatment Wetland, SWFWMD, Crystal River, FL: Mr. Keller was lead engineer for all phases of this stormwater retrofit project which was implemented to improve the water quality of stormwater entering King's Bay in Crystal River. Mr. Keller's specific tasks included the feasibility analysis, hydrologic/hydraulic analysis, stormwater pollutant loading analysis, environmental permitting, performance estimation, and wetland design criteria development (size, layout, water depths, inlet and outlet structures, berm heights, and target plant communities), final design plan preparation, and construction-phase services. The project provided a passive, gravity treatment wetland system designed to capture peak stormwater flows for treatment in a flow-through wetland system discharging into King's Bay. This design required careful management of offsite stormwater impacts resulting from adding control structures. The selected design maximized treatment opportunities while addressing tidal fluctuations and minimizing offsite impacts.

Treatment Wetland Feasibility Study, SWFWMD: Mr. Keller was WSI's project manager and lead engineer for a District-wide feasibility study to determine the potential nutrient removal and aquifer recharge benefits of converting existing wastewater land application sites to groundwater recharge wetlands. WSI screened sixteen facilities for suitability, fully-evaluated the feasibility for ten facilities, and prepared a detailed conceptual design for the top-ranked facility. This project also included interfacing with the utilities and presentation to two utilities of ranked alternatives.

Lake Hancock Outfall Treatment Project, SWFWMD, Bartow, FL: Mr. Keller provided senior wetland design assistance and water quality modeling for the Lake Hancock Outfall Treatment Wetland in Polk County, Florida. This design was particularly challenging because of the high content of organic nitrogen in this eutrophic lake and the highly variable flow regime at the outlet from the lake. Mr. Keller prepared water quality modeling estimates, design drawings for the wetland planting plan, wetland planting specifications, and elements of the operations and maintenance plan.

C-43 Water Quality Treatment and Testing Project, SFWMD, Labelle, FL: Mr. Keller served as WSI project manager and provided senior engineering guidance for the design of the C-43 WQTTP which was developed to demonstrate and implement cost-effective wetland-based strategies for reducing total nitrogen (TN), total phosphorus (TP), and total suspended solids (TSS) loads to the C-43 Canal, Caloosahatchee River, and downstream estuarine ecosystems. The project included the design, construction, and operation of a multi-scale wetland test/demonstration facility using constructed wetlands dominated by either emergent vegetation (EMV) or submerged aquatic vegetation (SAV). Mr. Keller currently provides QA/QC for operational data collection and reporting tasks.

Ichetucknee Springshed Water Quality Improvement Project, SRWMD, Lake City, FL: Mr. Keller provided senior design guidance for the ISWQIP which includes the conversion of an effluent sprayfield to a groundwater recharge wetland system. The project was designed to improve the quality of reclaimed effluent that recharges the aquifer. This is the first full-scale application of the recharge wetland technology in North Central Florida's karst region.

Lake Apopka Marsh Flow-Way Optimization, SJRWMD, Palatka, FL: Mr. Keller collaborated on the identification and evaluation of structural, physical, and operational modifications to enhance water quality treatment for the 700-acre Apopka Marsh Flow-Way, which treats highly eutrophic surface water from Lake Apopka. After modeling these alternatives, he prepared water quality performance estimates for the proposed modifications to determine the most cost-effective alternative for future implementation.

Middle St. Johns River Water Quality and Restoration Engineering Design Services, SJRWMD: Mr. Keller provided senior engineering support for concept development, water quality performance estimates, and cost estimates for a project to develop conceptual designs for wetland-based treatment systems for the Econlockhatchee River and Lake Jesup. Both conceptual plans included evaluations of enhanced phosphorus removal techniques and use of submerged aquatic vegetation (SAV) for wetland polishing.

Ronald Clarke, M.S.

Principal Scientist and Vice President

Mr. Clarke has more than 23 years of experience collecting and analyzing environmental data and has been with WSI for 19 years. Mr. Clarke has collected water quality samples from a wide variety of sites including: wetlands, rivers, lakes, and springs. Mr. Clarke has been responsible for generating quality assurance project plans, laboratory and field monitoring management, database management and data analyses, and report writing. Mr. Clarke's experience in water quality sampling and data analysis allow him to consistently collect high quality and representative samples under challenging field and hydrologic conditions. Mr. Clarke has managed QA/QC activities for WSI for more than 18 years and has continually refined methods for reducing errors associated with field data collection. Beyond his broad sampling experience, Mr. Clarke has substantial experience with sampling equipment, appropriate sampling techniques, and familiarity with current generation water quality and flow meters. The synthesis of this experience with all facets of data collection, site selection, equipment, data analysis, and QA/QC make Mr. Clarke exceptionally capable of collecting not only high-quality samples in the most practical way, but also ensure that the right data is collected.

Education

University of Florida, M.S. – Soil and Water Science

University of Florida, B.S. – Soil and Water Science

Certifications

DEP SOPs for Water Sampling & Meter Testing

Stream Condition and Habitat Assessment Training

SCUBA Certified

Relevant Experience

Lower Withlacoochee River Environmental Study, Withlacoochee Aquatic Restoration, Inc., Citrus and Levy Counties, FL: Collection of water quality and sediment samples and field parameters for analysis by the FDEP state laboratory according to FDEP requirements. Sampling spanned two years and has included a wide variety of hydrologic conditions for stations with variable water quality on the Withlacoochee River including spring dominated flow, tidally influenced flows, and high flow conditions. Mr. Clarke was the lead for all sampling, data analysis, and QA/QC. This project included collaboration with SWFWMD staff who provided sampling assistance. Data collection included field parameters, water quality sonde deployments, water quality, light attenuation, secchi depths, sediment, bathymetry, flows, as well as visual surveys of macrofauna, human use, and shoreline bank protections.

Ecosystem-Level Study of Florida's Springs; Florida Fish and Wildlife Commission, SWFWMD, SJRWMD, Florida Park Service, Florida Springs Initiative, and Three Rivers Trust, Inc.; Jackson, Holmes, Wakulla, Volusia, Marion, Madison, Columbia, Levy, Citrus, and Hernando Counties, FL: Collected water quality samples and field parameters, as well as biological data for 12 springs, in 10 counties, in four Water Management Districts. This sampling effort required a substantial understanding of not only proper sample collection, but springs ecology to understand appropriate sampling techniques under a wide variety of hydrologic and

flow conditions including dark water days. Beyond understanding proper sampling techniques, the location of many of these springs necessitated substantial planning to ensure the ability to sample under a wide variety of hydrologic and weather conditions. The large amount of data collected also required significant QA/QC to ensure accurate data analysis and interpretation. Data collection included: water quality samples, field parameters, physical characteristics, ecosystem metabolism, secchi, flow, aquatic vegetation, aquatic emergent insects, fish surveys, macrofaunal observations, and human use characteristics.

Great Swamp Effluent Management System Wetland Monitoring, Beaufort-Jasper Water and Sewer Authority, Okatie, SC: Planned, coordinated, and led long-term monitoring (17 years) of water quality, hydrologic data, sediment, and biological sampling for a natural treatment wetland system. Extensive planning and coordination has led to consistent, high quality sample collection in remote locations. Monitoring has occurred for a wide variety of hydrologic and weather conditions and relies on sampler knowledge to collect reasonable and representative samples even during challenging field conditions.

Sweetwater Branch/Paynes Prairie Wetland Monitoring, Gainesville Regional Utilities, Gainesville, FL: Led water quality sample and hydrologic data collection for compliance purposes at the Sweetwater Wetland. Developed and maintained water and mass balances for the wetland to support compliance and reporting requirements. Also led field efforts to collect vegetation data to support the wetland mitigation monitoring. Additional sampling tasks include water quality sampling to develop removal estimates and a higher frequency phosphorus sampling regime to evaluate wetland performance for phosphorus. These efforts included report development, data analysis, and QA/QC.

Telogia Power Treatment Wetland, PurEnergy, LLC., Telogia, FL: Developed a database and water balance to track wetland hydrology. Led water quality sampling efforts to support development of a Site-Specific Alternative Criteria (SSAC) for dissolved oxygen, specific conductance, total nitrogen, and total phosphorus. Sample collection included water quality, field parameters, levels, and flows over a 24-month period. This project also included extensive data analysis to develop flow rating curves, recommended alternative water quality criteria, and mass balances for the receiving waters.

JEA Greenland Water Reclamation Facility Feasibility Study, Constantine Engineering, Jacksonville, FL: Developed and implemented a sampling plan to support the evaluation of a new treated effluent discharge. This work included flow monitoring, vegetation monitoring, water level monitoring, water quality sampling, data analysis, and QA/QC to assess the impact of a new discharge to a small creek and associated floodplain.

Kanapaha Water Reclamation Facility, Gainesville Regional Utilities, Gainesville, FL: Developed sampling plans and led extensive surface water and groundwater sample collection associated with a constructed treatment wetland. Groundwater sampling included collection of both surficial groundwater and Floridan Aquifer samples for wells of different configurations, screened intervals, and water table conditions. Both submersible and peristaltic pumps were used for sample collection with appropriate FDEP SOPs followed for sample collection, after meeting required stabilization criteria. Developed QA/QC procedures to validate and check collected data and identify errors or discrepancies.

Section 4.0 Ability of Consultant's Professional Personnel

WSI is a small company with three full-time employees. These employees were responsible for the projects previously presented and have also completed numerous projects for other clients as shown in the included resumes in the previous section. The team members also have the certifications presented in their individual resumes in the previous section.

As documented in this response WSI has completed projects in the following areas identified in this RFP and the other listed areas not explicitly identified, but of interest to the County:

- Field sampling and data collection. WSI has two team members certified in collection of sampling of groundwater and surface water by FDEP and has collected samples for analysis by FDEP.
- Compilation, interpretation, and reporting of field data and laboratory analyses. WSI has developed numerous reports that have relied on data collected either internally or by others.
- Preparation of technical reports on assessment of groundwater, surface water, wastewater, and stormwater. WSI has prepared numerous technical reports on previous projects and is proficient in presenting data and complex concepts in a way that is accessible to a wider audience.
- Preparation of technical reports on potential environmental impacts from potential new pollution sources and the suitability of proposed pollution control and other technologies. WSI has often been relied on to develop alternatives analyses and to evaluate proposed pollution control technologies.
- Identification of new groundwater and surface water contamination. WSI has completed environmental monitoring and evaluation of water quality issues. WSI has also worked on the development of both site-specific alternative criteria (SSAC) and water quality based effluent limitations (WQBEL).
- Evaluation of environmental control alternatives and new technology assessment. WSI has wide-ranging experience in data analysis and has completed a wide variety of alternatives evaluations and new technology assessments. WSI relies on the availability of data and scientific evaluation in reviewing technologies.
- Assistance in regulation and ordinance development in the area of water quality. WSI has wide-ranging experience in assessing and interpreting water quality in the context of setting standards (e.g. SSAC and WQBEL).
- Drafting of land development regulations and ordinances, and performance of special studies involving environmental permitting and planning. WSI has completed numerous studies and has significant insight relative to regulations, permitting, and planning.
- Present public presentations of work products, attend public meetings and provide expert testimony relating to work performed in support of ordinance development, land development regulations or other assigned special environmental studies. WSI has served

as an expert witness on wetlands related issues and has developed and delivered presentations to the public on a variety of projects.

- Preparing reports for submittal to local, state, and federal regulatory agencies. WSI has worked closely with regulators for more than a decade and is familiar with the appropriate processes and knows many of the regulators for the local area at the WMDs, FDEP, and the USACE.
- Wetland delineation and UMAM assessments. WSI has worked on a variety of wetland delineations and UMAM assessments. This experience has often involved cooperation and coordination with the regulatory agencies discussed previously.
- Developing construction-ready restoration plans with certified drawings for the County's natural areas and construction-ready plans with certified drawings for stormwater management and improvement projects. WSI has two licensed professional engineers and has developed signed and sealed plans for a variety of projects. WSI does not specialize in plan development and would generally only develop plans for smaller projects. WSI has worked with a variety of larger consultants that could complete plan development for larger projects.
- Assisting the County during the construction and/or implementation restoration plans and stormwater management and improvement projects. WSI has provided construction oversight on a variety of projects and could provide these services for County projects.

Section 5.0 Ability to Meet Time and Budget Constraints

As a company without a complex internal structure, WSI is highly capable of completing short duration projects cost-effectively. When the County contacts WSI to develop a project, they will be speaking with a representative of the company who can make a decision for the company. There are not internal approvals or a hierarchy that must be satisfied before initiating a project. For the County, this has two primary benefits: projects can be started quickly, and the lack of extensive internal hierarchies ensures that projects can be completed quickly and efficiently. WSI is proud of delivering a high-quality product on time and within budget. WSI internally tracks spending on each project to ensure that progress on the project is commensurate with the level of effort that has been spent. If a challenge arises during a project that is likely to lead to either a change in the delivery or a change in the budget, WSI will proactively contact the County and make the project manager aware of the need for a change although this occurs infrequently. With the submittal of this RFP, WSI commits to meeting agreed upon schedules and budgets for project assignments.

Section 6.0 Project Team Location

WSI is located near the center of Alachua County, in northern Gainesville. All WSI staff work out of a single office and can access any portion of the County in less than an hour. All WSI staff have spent large parts of their lives in Alachua County and are familiar with most areas of the County and many of the natural features including springs, lakes, creeks, and parks that make the County a unique place.

Appendix 1: Addendum

EXHIBIT A

SIGNATURE AND ACKNOWLEDGEMENT OF ADDENDUM FORM

RFP NUMBER:	**20-171**
PROPOSAL OPENING DATE:	**2:00 pm, Wednesday, April 24, 2019**
RE:	**Annual Environmental Consulting Services**
PLACE OF RFP OPENING:	Alachua County Division of Purchasing, 3rd Floor County Administration Building 12 SE 1st Street Gainesville, Florida 32601-6983

Acknowledge Receipt of Addendum(s) *(if applicable circle):* #1 (Yes) No #2 (Yes) No #3 (Yes) No

	Local Based Firms per Section 1.14, Check One Below
✓	**I certify that my business is located in Alachua County and meets** the criteria for location points as specified in Section 1.14.
	I **am not** a local based firm in Alachua County.

Proposer: Scott Knight Company: Wetland Solutions, Inc.

Address: 5302 NW 156th Ave

Gainesville, FL 32653

Authorized Signature: Scott Knight Title: Vice President

Clearly Print Name: Scott Knight

PHONE: 386-462-1003 FAX: 386-462-3196 DATE: 4/23/19

Email Address: SKnight@wetlandsolutionsinc.com

Appendix 2: SBE Participation

WSI is a small company that has a single office located in Alachua County. WSI is not currently an SBE certified in Alachua County, but has applied for qualification as of the time of this RFP. WSI anticipates certification approval based on the County's criteria (fewer than 25 full-time employees, located in Alachua County, and less than $1 million in company net worth).

EXHIBIT B

RFP NUMBER: 20-171: Annual Environmental Consulting Services

I as the undersigned Vendor certify that I have completed one of the option(s) below (Circle One):

OPTION 1 **OPTION 2** **OPTION 3** **OPTION 4**

If you are unable to certify that, you have completed to the best of your knowledge and belief **OPTION 1, OPTION 2, OPTION 3 or OPTION 4, Call (48 hours prior to RFP opening) the Division of Purchasing at 352.374.5202, for direction.**

Vendor Name: Wetland Solutions, Inc. Date 4/23/2019

Signature Scott Knight Title Vice President

Printed Name: Scott Knight Title Vice President

Appendix 3: SBE Points Request Form

EXHIBIT C

CERTIFIED SMALL BUSINESS ENTERPRISE POINTS REQUEST FORM FOR RFP's

The Technical Qualifications Evaluation phase of the Professional Services Evaluation Process assesses whether a Consultant is a certified Small Business Enterprise (SBEs) and provides for the allotting of points where the Consultant includes in their submittal a request for points allowed for Alachua County's Certified SBEs' participation in accordance with the options listed below and the necessary documentation to substantiate such is provided.

CERTIFIED SMALL BUSINESS ENTERPRISE (SBEs)- REQUEST FOR POINTS 15 POINT MAXIMUM			
Points for Certified Small Participation is to be awarded using one of the options below:	Points Allowed	Points Requested	Points Assigned
Fifteen (15) points are awarded to the Consultant if the Consultant is a certified small business (per Alachua County's current SBE registry at the time set for receipt of submittals) and at least 51% of the job will be performed by the Consultant.	15 pts		
Eight (8) to thirteen (13) points are awarded if the Consultant commits to a significantly higher certified Small participation than the goal, based on the breakdown indicated below: Percentage of Certified Small Participation: at least – but less than – Points to be Awarded 25% – 30% – 8 Points 30% – 35% – 9 Points 35% – 40% – 10 Points 40% – 45% – 11 Points 45% – 50% – 12 Points 50% – 51% – 13 Points	8 pts - 13 pts		
Five (5) points are awarded to a Consultant who has committed to meet the percentage participation goal of 15% as established by the Board of County Commissioners and the Consultant has listed the certified small business(es) and clearly stated the work and percentages of the job that those business(es) will perform.	5 pts		

WSI qualifies as a SBE based on Alachua County criteria. At the time of this submittal WSI has applied for, but not yet received certification.

Scott Knight

Scott Knight

Appendix 4: Minimum Wage Form

EXHIBIT D

ALACHUA COUNTY GOVERNMENT MINIMUM WAGE (GMW) FORM

RFP 20-171: Annual Environmental Consulting Services

The undersigned certifies that all employees, contracted and subcontracted, completing services as part of this Bid/RFP are paid, and will continue to be paid, in accordance with Chapter 22, Article III of the Alachua County Code of Ordinance ("Wage Ordinance").

Please mark the appropriate box below that applies to how you pay your employees:

1.	☐ Employees involved with Alachua County projects are paid a minimum of **$13.00 hourly** and are provided health benefits?
2.	☑ Employees involved with Alachua County projects are paid a minimum of **$15.04 hourly** but are not provided health benefits?

Bidder: Scott Knight Company: Wetland Solutions, Inc.

Authorized Signature: Scott Knight Title: Vice President

Clearly Print Name: Scott Knight Phone: 386-462-1003

Email Address: SKnight@wetlandsolutionsinc.com

Appendix 5: Volume of Previous Work

EXHIBIT E

VOLUME OF PREVIOUS WORK SUMMARY

Volume of previous work will be determined by the actual fees rendered to the consultant by Alachua County. These fees are based on actual payments made to the consultant and are retrieved from the County's electronic accounting system. Only a portion of these fees 9 (Adjusted fee) will be considered based on the fiscal year payments and the factor listed below (see chart below).

SAMPLE

PERIOD	ACTUAL FEE	FACTOR	ADJUSTED FEE
Current and last year (Oct 1 – Sept 30)	$ 100,000.00	X 1.0	$ 100,000.00
Second year past (Oct 1 – Sept 30)	$ 100,000.00	X .08	$ 80,000.00
Third year past (Oct 1 - Sept 30)	$ 100,000.00	X .06	$ 60,000.00
TOTAL ADJUSTED FEE CONSIDERED			$ 240,000.00

VOLUME OF PREVIOUS WORK - POINTS EARNED

The volume of previous work points earned are based on the adjusted fee (see chart below).

POINTS	ADJUSTED FEE (AF) *	YOUR REQUESTED AF POINTS
5	AF < 50,000	
4	50,000 < AF < 100,000	
3	100,000 < AF < 200,000	5 points
2	200,000 < AF < 300,000	
1	300,000 < AF < 400,000	
0	AF > 400,000	

Appendix 6: Proposed Subcontractors

WSI does not anticipate the use of any subcontractors unless required for a specific project task. In the event that a subcontractor is required, WSI will work with the County to select an acceptable subcontractor from the list of selected firms or will add a subcontractor to the team, with a preference for SBEs.

EXHIBIT F

PROPOSED SUBCONTRACTORS (NON-SMALL BUSINESS ENTERPRISE) FORM

RFP NUMBER: 20-171: Annual Environmental Consulting Services

This form is for all **Non-Small Business Enterprise subcotractors** being utlized on this project that **are not included** on **Exbihit B**.

No Subcontractors Proposal Name of Contractor	Name of Contractor
Address	Address
Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)	Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)
Name of Contractor	Name of Contractor
Address	Address
Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)	Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)
Name of Contractor	Name of Contractor
Address	Address
Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)	Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)
Name of Contractor	Name of Contractor
Address	Address
Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)	Scope of Work to be Performed $ ________ (Total $ Value) ________ % (% of Total Bid/RFP)

If addtional space is required for your subcontractor listing, make copies of this **Exhibit F** and submit with you RFP package.

Appendix 7: Drug Free Workplace

EXHIBIT G

DRUG FREE WORKPLACE

Section 22.09 Competitive Sealed Bidding of the Alachua County Purchasing Code states that in the evaluation of proposals, all factors in the bidding process being equal, both as to dollar amount and ability to perform, priority will be given, first, to those vendors certifying a drug-free workplace, secondly, to certified Small Business Enterprise (SBE) bidders.

The undersigned vendor in accordance with Florida Statute 287.087 and Section 22.09 of the Alachua County Purchasing Code hereby certifies that

Wetland Solutions, Inc.
Name of Business

does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Scott Knight
Bidder's Signature

4/23/2019
Date

Appendix 8: Public Record Declaration

EXHIBIT H

PUBLIC RECORD DECLARATION OR CLAIM OF EXEMPTION

As a bidder or proposer, any document you submit to Alachua County may be a public record and be open for personal inspection or copying by any person. In Florida 'public records" are defined as all documents, papers, letters, maps, books, tapes, photographs, films, sound recordings, data processing software, or other material, regardless of the physical form, characteristics, or means of transmission, made or received pursuant to law or ordinance or in connection with the transaction of official business by any agency. Section 119.011, F.S. A document is subject to personal inspection and copying unless it falls under one of the public records exemptions created under Florida law. Please designate what portion of your bid or proposal, if any, qualifies to be exempt from inspection and copying:

(Execute either section I. or II, but not both; bidder may not modify language)

I. NO EXEMPTION FROM PUBLIC RECORDS LAW

No part of the bid or proposal submitted is exempt from disclosure under the Florida public records law, Ch. 119, F.S.

Scott Knight
Bidder's Signature

4/23/2019
Date

- - - OR - - -

II. EXEMPTION FROM PUBLIC RECORDS LAW AND AGREEMENT TO INDEMNIFY AND DEFEND ALACHUA COUNTY

The following parts of the bid or proposal submitted are exempt from disclosure under the Florida public records law because: (list exempt parts and legal justification. i.e. trade secret):

_____
_____
_____
_____

By claiming that all or part of the bid or proposal is exempt from the public records law, the undersigned bidder or proposer agrees to protect, defend, indemnify and hold the County, its officers, employees and agents free and harmless from and against any and all claims arising out of a request to inspector copy the bid or proposal. The undersigned bidder or proposer agrees to investigate, handle, respond to, provide defense (including payment of attorney fees, court costs, and expert witness fees and expenses up to and including any appeal) for and defend any such claim at its sole cost and expense through counsel chosen by the County and agrees to bear all other costs and expenses related thereto, even if they (claims, etc.) are groundless, false, or fraudulent.

_____
Bidder's Signature

_____
Date

July 26. 2006

Appendix 9: Insurance Certificate

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 1/28/2019

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 King Ins Agency of Gainesville, Inc 2321 NW 41st Street Gainesville FL 32606	CONTACT NAME: King Insurance PHONE (A/C, No, Ext): 352-377-0420 FAX (A/C, No): 352-415-8030 E-MAIL ADDRESS: Certificates@king-insurance.com
INSURED WETLSOL-01 Wetland Solutions, Inc. 5302 NW 156th Ave Gainesville FL 32653	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A : Evanston Insurance Company — 35378 INSURER B : Owners Insurance Company — 32700 INSURER C : Associated Industries Insurance Co, Inc. — 23140 INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** 657881963 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC OTHER:	Y		MKLV2ENV101033	2/1/2019	2/1/2020	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$ 1,000,000 $ 50,000 $ 5,000 $ 1,000,000 $ 3,000,000 $ 3,000,000 $
B	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY			5105251900	2/1/2019	2/1/2020	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$ 1,000,000 $ $ $ $
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $						EACH OCCURRENCE AGGREGATE $	$ $ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		AWC1122615	2/1/2019	2/1/2020	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
A	Contractor's Pollution Liability Professional Liability			MKLV2ENV101033	2/1/2019	2/1/2020	Aggregate Aggregate	3,000,000 3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Alachua County is listed as an additional insured with respect to the GL policy as required by written contract

CERTIFICATE HOLDER

Alachua County
12 SE 1st St.
Gainesville FL 32601
USA

CANCELLATION

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

Appendix 10: SBE Certification

WSI is not currently classified as a small business by Alachua County, but satisfies all requirements for classification (located in Alachua County, business net worth less than $1 million, and fewer than 25 full-time employees) and has submitted the paperwork to be classified as a small business at the time of this submittal. It is expected that WSI will be classified as a small business before the selection process is completed.

Appendix 11: Equal Opportunity Statement

WSI is an equal opportunity employer. All applicants considered for employment are evaluated based on business needs without attention to race, color, religion, sex, sexual orientation, gender identity, age, national origin, veteran or disability status.

Appendix 12: References, Corporate Forms, and Certifications

References

1) Rick Hutton P.E.; Supervising Utility Engineer at Gainesville Regional Utilities; 4747 N Main Street, Gainesville, FL 32609; (352)393-1218; HuttonRH@gru.com

   Kanapaha Groundwater Recharge Wetlands; Project Manager: Chris Keller; Project Staff: Ron Clarke and Scott Knight

2) Alice Rankeillor P.E.; Supervising Engineer at City of Gainesville Public Works; 405 NW 39th Avenue, Gainesville, FL 32609; (352)393-8408; RankeilloAI@cityofgainesville.org

   JJ Finley Wetland Enhancement; Project Manager: Chris Keller; Project Staff: Scott Knight

3) Susan Flash; Director of Regulatory Affairs at PurEnergy LLC; PO Box 199, Telogia, FL 32360; (850)379-8341; Susan.Flash@naes.com

   Telogia Environmental Permitting, Treatment Wetland Design, and Development of Site-Specific Alternative Criteria; Project Manager: Chris Keller; Project Staff: Ron Clarke and Scott Knight

4) Dan Hilliard; President of Withlacoochee Aquatic Restoration, Inc.; PO Box 350, Inglis, FL 34449; (352)527-0023; warinc.directors@gmail.com

   Lower Withlacoochee River Environmental Study – Phase 1 (Data Summary), Phase 2 (Data Collection and Summary); Project Manager: Ron Clarke; Project Staff: Scott Knight

Corporate Form

State of Florida
Department of State

I certify from the records of this office that WETLAND SOLUTIONS, INC. is a corporation organized under the laws of the State of Florida, filed on October 4, 2000.

The document number of this corporation is P00000093829.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 7, 2019, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Seventh day of January, 2019

Ken Detzner

Secretary of State

Tracking Number: 0008924257CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Certificate of Authorization (Professional Engineering)

State of Florida

Board of Professional Engineers

Attests that

Wetland Solutions, Inc.

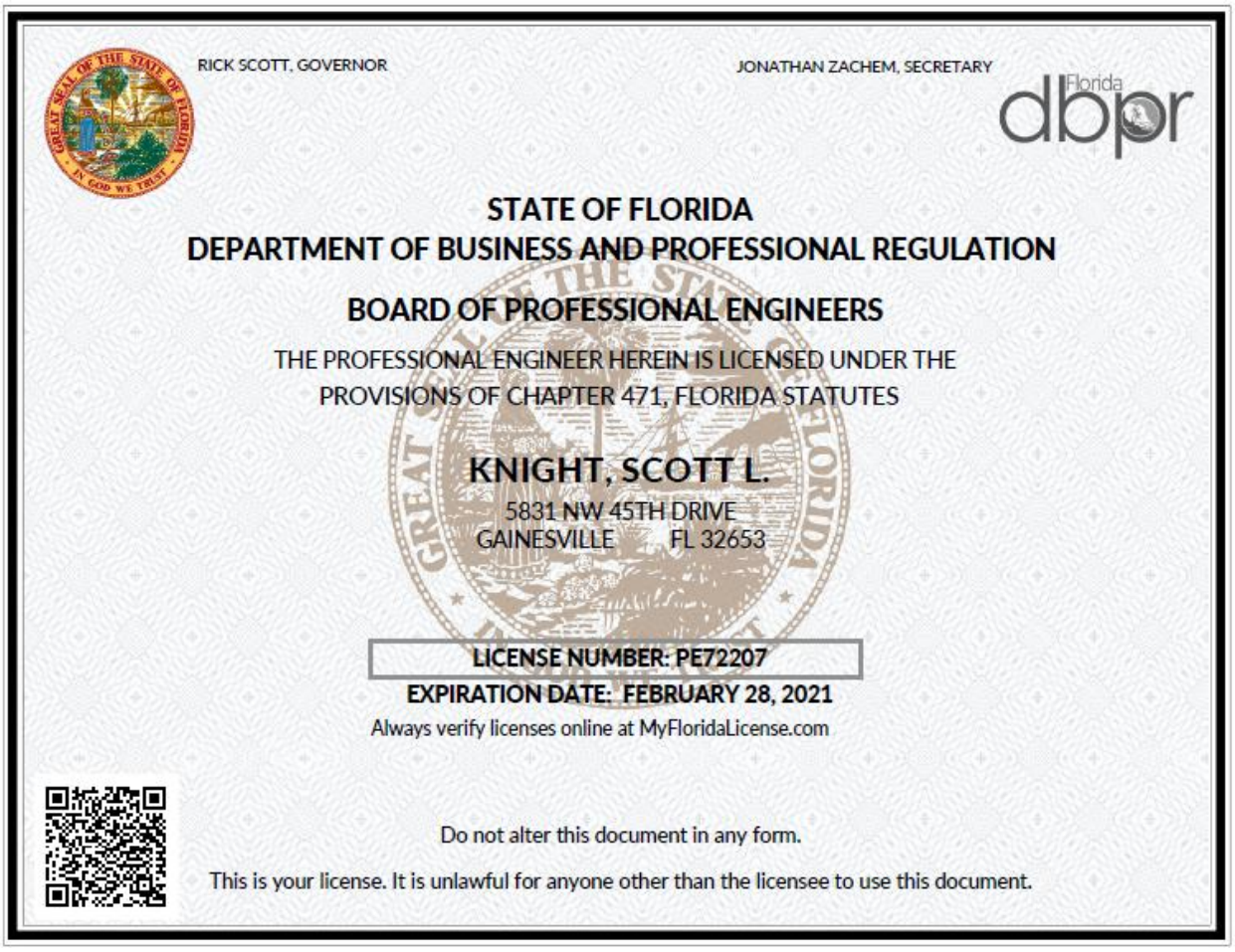
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019
Audit No: 228201903142 R

CA Lic. No: 28785

Scott Knight – Professional Engineering License



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KNIGHT, SCOTT L.
5831 NW 45TH DRIVE
GAINESVILLE FL 32653

LICENSE NUMBER: PE72207
EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Scott Knight – FDEP Water Sampling & Meter Testing Certificate

UF | TREEO Center
UNIVERSITY of FLORIDA

Center for Training, Research and Education for Environmental Occupations

Scott Knight

Attended

DEP SOPs For Water Sampling & Meter Testing

October 13, 2015

and is awarded this

Certificate of Attendance

Date Issued: **10/13/2015**
CEU's: **.8**
FDEP OCP DS/DW/WW CEUs: **.8**: **04171151**
FBPE PDH's **0009070**: **8.0** Provider# **0004021**

Carol Hinton
Carol Hinton, Associate Director

University of Florida TREEO Center • 3900 SW 63 Boulevard • Gainesville, FL 32608-3800 • 352-392-9570 • www.treeo.ufl.edu

Scott Knight – Qualified Stormwater Management Inspector

QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

Scott Knight

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

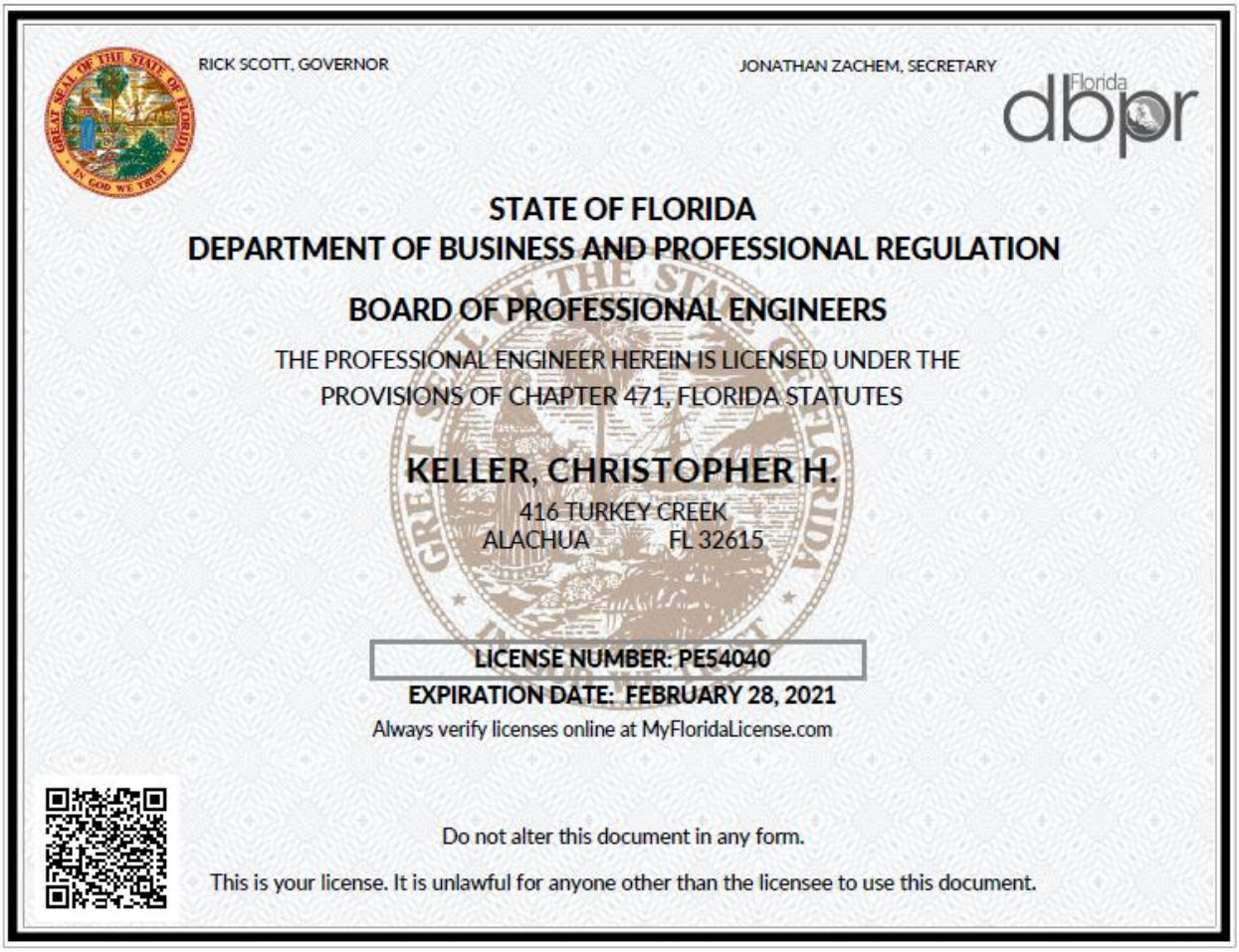
July 30, 2014

Hal Lunsford

Inspector Number 31268

Kathryn Brackett

Chris Keller – Professional Engineering License



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KELLER, CHRISTOPHER H.
416 TURKEY CREEK
ALACHUA FL 32615

LICENSE NUMBER: PE54040
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Chris Keller – Qualified Stormwater Management Inspector

QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

Christopher Keller

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

July 30, 2014

Hal Lunsford

Inspector Number 31267

Kathryn Brackett

Ron Clarke – FDEP Water Sampling & Meter Testing Certificate

UF | TREEO Center
UNIVERSITY of FLORIDA

Center for Training, Research and Education for Environmental Occupations

Ron Clarke

Attended

DEP SOPs For Water Sampling & Meter Testing

October 13, 2015

and is awarded this

Certificate of Attendance

Date Issued: **10/13/2015**
CEU's: **.8**
FDEP OCP DS/DW/WW CEUs: **.8**: **04171151**
FBPE PDH's **0009070**: **8.0** Provider# **0004021**

Carol Hinton
Carol Hinton, Associate Director

University of Florida TREEO Center • 3900 SW 63 Boulevard • Gainesville, FL 32608-3800 • 352-392-9570 • www.treeo.ufl.edu

20-171: Annual Environmental Consulting Services