



**Marion County Utilities Department
SSS Water Reclamation Facility
Spray Field Cure Plan Design
Civil Engineering Services
Marion County, Florida**

Marion County Utilities Department
11800 South U.S. 441
Bellevue, Florida 34420
(352) 307-6169

Tillman & Associates

ENGINEERING, LLC.

September 9th, 2024

Marion County Utilities
11800 South U.S. 441
Bellevue, FL 34420

RE: MCUD Silver Spring Shores Water Reclamation Facility Spray Field Cure Plan Design
Proposal for Civil Engineering Services

Dear Jody,

We appreciate the opportunity to be considered for your exciting new project. At Tillman and Associates, we take pride in our multi-disciplinary approach, offering a comprehensive range of services that include Civil Engineering, Landscape, Architecture, Environmental Engineering, Geographical Information Systems (GIS), and Construction Engineering.

Our commitment to excellence extends beyond our individual disciplines. It is our belief that combining these areas of expertise under one roof fosters better collaboration and ensures our clients receive the most comprehensive consulting services available. With a proven track record of success and a team that thrives under pressure, we are confident in our ability to bring your project's vision to life.

Throughout our history, we have demonstrated our dedication to meeting tight scheduling requirements and effectively addressing unforeseen challenges that demand immediate responses. Our adaptability and problem-solving skills have been crucial in achieving project success.

We firmly believe that our team is uniquely qualified to assist your company in achieving its goals for this project. We are enthusiastic about the opportunity to contribute our expertise and look forward to the possibility of working together.

Thank you once again for considering Tillman and Associates. Please feel free to reach out to discuss this project further or if you have any questions.

Sincerely,



CC: Masterfile w/ enclosures
Client w/ enclosures

CONTRACT

Tillman & Associates Engineering, LLC hereafter referred to as **CONSULTANT** is pleased to provide the following Agreement for Professional Engineering Services for the proposed MCUD Silver Springs Shores Water Reclamation Facility Spray Field Cure Plan Design project in Marion County, Florida. **This contract does not include offsite utility or roadway improvement design.** The services are more fully described in the following sections of this agreement.

The work for these tasks will lump sum fees.

TASK I – SPRAY FIELD CURE PLAN DESIGN ASSISTANCE

Engineer intends to engage Jones Edmunds as a consultant, to assist in preparation of a spray field cure plan for the Marion County Utility spray field impacts. This task will include:

1. Attend an in-person kickoff site visit.
2. Assist with exhibit and plans depicting spray field re-piping plan.
3. Attend one virtual review meeting with MCU.
4. Assist with technical special provisions.

Fee: \$4,240.00

TASK II – PERMITTING ASSISTANCE

Engineer will assist Jones Edmunds to prepare:

1. FDEP application forms
2. An abbreviated land application engineering report

Fee: \$1,690.00

TASK III – BIDDING ASSISTANCE

Engineer will work with consultant Jones Edmunds to assist Marion County as requested:

1. Assist with electronic bid documents in pdf format to Marion County.

2. Assist MCU with one (1) addendum to Marion County bid documents.
3. Attend one (1) pre-bid meeting.

Fee: \$1,770.00

TASK IV – CONSTRUCTION PHASE SERVICES

- A. Engineer will work with consultant Jones Edmunds to (provide as requested by Marion County):
 1. Attend a pre-construction meeting with selected contractor.
 2. Perform one (1) site visit at startup/substantial completion and complete a Certificate of Substantial Completion and submit to FDEP.

Fee: \$1,810.00

TASK V – JONES EDMUND'S

CONSULTANT will execute Jones Edmunds proposal dated 9/4/2024.

Fee: \$59,204.00

EXCLUSIONS

The tasks listed within the above proposal do not include the following items:

- Construction Administration Services per COMPENSATION Section F, other than those items specifically listed in this contract
- As-Built Certifications per COMPENSATION Section F.
- Reimbursables per the Section entitled Compensation/Out-of-Pocket Expenses
- Photometric Services
- Survey Services other than those items specifically listed in this contract
- Environmental Services other than those items specifically listed in this contract
- Geotechnical Services other than those items specifically listed in this contract
- Historical Preservation Permitting
- Archeological Studies
- Public Information Meetings
- Consumptive Use Permitting
- ACOE Permitting
- USFWCC Permitting
- Record Platting
- Survey, Construction Staking, and/or Final Lot Staking
- Transportation Consulting Services
- Potable Water Treatment Plant Design
- Wastewater Treatment Plant Design
- Aerial Photography.
- Third Party Objections and/or Petitions Against a Permit
- Professional Testimony
- Noise Studies
- Existing Utility Locates
- Preparation of Legal Documents including but not limited to: right-of-way dedication, easements, H.O.A. or Property Owner's Agreement documents, Covenants Deeds and Restrictions, Developer's Agreements, etc.
- As-Built field surveys for contractor and/or lending institutions
- Printing Cost
- Mailing Cost
- Copies
- Applications Fee

HOURLY RATE SCHEDULE

Principal Engineer	\$200.00 /hour
Sr. Professional Engineer	\$185.00 /hour
Sr. Project Engineer	\$185.00 /hour
Project Manager (Registered)	\$165.00/hour
Staff Architect	\$150.00/hour
Project Engineer (Registered)/Engineer III	\$140.00 /hour
Staff Environmental Engineer	\$120.00 /hour
Engineer Scientist/ Engineer II	\$115.00/hour
Staff Construction Engineer	\$115.00/hour
Engineer Intern/Engineer I	\$95.00/hour
Landscape Architect	\$95.00/hour
Principal (Sr.) CADD Designer	\$95.00/hour
Sr. Inspector	\$85.00/hour
CADD Designer	\$85.00/hour
CADD Tech./GIS Specialist	\$70.00/hour
Inspector	\$65.00/hour
Field Services Technician	\$45.00/hour
Clerical	\$45.00/hour
Permit Coordinator	\$40.00/hour

TERMS AND CONDITIONS**A. TERMINATION:**

The agreement may be terminated by cause, for either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party. Failure to pay Tillman & Associates Engineer, LLC for its services is a substantial failure to perform and a basis for termination.

B. OWNERSHIP OF DOCUMENTS:

All original drawings, computations, details, design calculations, and electronic media that result from Tillman & Associates Engineering, LLC, services are the property of Tillman & Associates Engineering, LLC. So long as Client complies with all terms of this agreement, Tillman & Associates Engineering, LLC grants Client a non-exclusive license to use instruments of professional service for the purpose of constructing, occupying, and maintaining the project. Upon payment in full for services completed, Client may at his or her expense, obtain copies of any documents or reproducible copies of drawings. In doing so, Client agrees that no additions, deletions, changes, or revisions shall be made to same without the express written approval of Tillman & Associates Engineering, LLC.

C. INDEMNIFICATION:

To the fullest extent permitted by law, Tillman & Associates, LLC and Client mutually agree to indemnify and hold harmless each other from all claims, lawsuits, or legal actions that arise out of, pertain to, or relate to damages, losses, and personal injuries resulting from the errors, omissions, negligence, willful misconduct, or fault of the indemnifying party, its contractors, agents, and employees. To the extent Tillman & Associates Engineering, LLC's services are subject to Florida Statute 725.06, liability shall be limited to the lesser of 1) the total amount of compensation under this agreement or 2) limits of current Tillman & Associates Engineering, LLC's insurance coverages. Pursuant to Florida Statute 558.0035, the following disclaimer shall be in 5-point larger font than the rest of the contract.

**PURSUANT TO FS 558.0035, EMPLOYEES OF CONSULTANT
MAY NOT BE HELD INDIVIDUALLY LIABLE FOR
DAMAGES RESULTING FROM NEGLIGENCE UNDER THIS
AGREEMENT.**

The provisions under this section shall survive the termination or expiration of this agreement.

D. DISPUTE RESOLUTION:

Tillman & Associates Engineering, LLC and Client agree to negotiate any dispute between them in good faith for a period of (30) days after notice of dispute. If negotiations are unsuccessful in resolving the dispute, mediation shall be conducted by a mediator selected through mutual agreement by both parties. The process shall be conducted on a confidential basis and shall be completed within one hundred twenty (120) days. If such mediation is unsuccessful in resolving the dispute, then (a) the parties may mutually agree to a dispute resolution of their choice, or (b) either party may seek to have the dispute resolved by a court of competent jurisdiction.

E. INVOICES:

Monthly invoices will be issued by Tillman & Associates Engineering, LLC., for all services performed under this agreement and reimbursement of out-of-pocket expenses. A retainer, if applicable, will be required prior to initiation of service and will be credited to the final invoice(s) of the Project. Invoices are due and payable within 30 days of receipt. The Client must notify Tillman & Associates, LLC in writing within 30 days of receipt of any disputed charges included in invoice. All unpaid balances after thirty (30) days shall be subject to a finance charge of 1.5% interest (per month). Tillman & Associates Engineering, LLC., reserves the right to withhold submittal of applications until such time that all unpaid balances have been satisfied. Payment disputes, including but not limited to disputes over non-payment or late payment of any charge on any invoice; and any charge identified on an invoice identified by Client as a disputed charge are not subject to the Dispute Resolution section of this contract. Tillman & Associates Engineering, LLC may avail itself of any and all available legal remedies to address such payment disputes, including, but not limited to a lien against real property where project is located. In the event Tillman & Associates Engineering, LLC is required to undertake collection actions, or otherwise incur any costs in connection with the collection of amounts owing under a past-due invoice, all such costs shall be the responsibility of the Client.

Tillman & Associates Engineering, LLC prefers that all payments be made through the Automated Clearing House Network ("ACH"). The following bank account information is provided below for this purpose:

Account Name:
Bank Name:
Account Number:
ABA Number:
Remittance Advice: AP@tillmaneng.com

F. HOURLY RATES:

The hourly rates given in this contract are for construction administration services, as-built certifications, and additional services requested by the client outside the scope of the contract tasks. The hourly rates are applicable through December 31st of the year the contract was executed, and are subject to renegotiation on January 1, each year, thereafter. Contract prices shall remain as quoted for one (1) year after execution of the contract after which, contract prices shall be renegotiated for any remaining tasks.

G. ADDITIONAL SERVICES:

Tillman & Associates Engineering, LLC., will be compensated for additional services, such as:

1. Any changes made outside the scope of services defined in this contract at the Client's request.
2. Revisions caused by changes of governmental requirements after the date of this agreement.
3. Redesign per client after preliminary design has been submitted to the approving agency.

H. OUT-OF-POCKET EXPENSES:

In addition to the fee schedule and any applicable additional services fees, Tillman & Associates Engineering, LLC., shall be reimbursed for invoiced out-of-pocket expenses which include, but are not limited to: Subconsultant markup fees, application fees, blueprints, copies, plots, aerials, express deliveries, specialized postage, and travel outside of the Central Florida area.

I. PERMIT ACQUISITION:

Tillman & Associates Engineering, LLC., cannot guarantee the acquisition of all permits and/or approvals. However, we will do everything possible to achieve this goal. The Client is responsible for payment of all fees due to Tillman & Associates Engineering, LLC., regardless of agency and/or governmental actions.

J. FORCE MAJEURE:

Tillman & Associates Engineering shall not be held responsible for any delay or failure in performance caused by fire, flood, explosion, war, strike, embargo, government requirements, civil or military authority, acts of God, act or omission of contractors, vandalism, or other similar cause that are beyond our control.

K. TOTAL AGREEMENT:

This agreement constitutes the entire agreement between Tillman & Associates Engineering, LLC. And Client and supersedes all prior written or oral understandings. This agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

L. ACCEPTANCE:

Our company mindset is to take each project on as if it were our own. Our own finances, property, and time being leveraged to deliver a successful project. With this mindset, we both continuously develop and maintain long-term relationships with our clients. Thank you for your time and consideration. We look forward to working with you and your company.

Thank you for your time and consideration. Tillman & Associates will begin performance of the above services upon written authorization **and a retainer of \$0,000.00 (0% of Tasks I-V)**. We look forward to working with you and your company.

APPROVED AND ACCEPTED THIS _____ DAY OF _____ 2024.

BY _____

TITLE _____

BY _____

Jeffrey McPherson, P.E.

Tillman & Associates Engineering, LLC.



FOR REVIEW

Project: Marion County Utilities Department - Spray Field Curative Plan
 Date: 9/9/2024

Task	Description	Man-hour Estimate										Fee
		Principal Engineer	Engineer	(PE)	Staff Engineer	Architect	Engineer Scientist	Designer	CADD Designer	GIS Specialist	Clerical	
		\$200.00/hr	\$185.00/hr	\$140.00/hr	\$115.00/hr	\$95.00/hr	\$115.00/hr	\$95.00/hr	\$85.00/hr	\$70.00/hr	\$45.00/hr	
I	Spray Field Curative Plan Assistance	0	0	12	10	0	0	12	0	0	6	\$ 4,240.00
	Subtotal	0	0	12	10	0	0	12	0	0	6	\$ 4,240.00
II	Permitting Assistance	2	0	4	4	0	0	0	0	0	6	\$ 1,690.00
	Subtotal	2	0	4	4	0	0	0	0	0	6	\$ 1,690.00
III	Bidding Services Assistance	2	0	3	2	0	0	0	0	0	16	\$ 1,770.00
	Subtotal	2	0	3	2	0	0	0	0	0	16	\$ 1,770.00
IV	Construction Phase Services Assistance	2	0	0	6	0	0	0	0	0	16	\$ 1,810.00
	Subtotal	2	0	0	6	0	0	0	0	0	16	\$ 1,810.00
V	JEA											\$59,204.00
	Project Total	6	0	19	22	0	0	12	0	0	44	\$ 68,714.00

SUB-CONTRACTOR COSTS	SUB-CONTRACTOR COSTS		
JEA	\$53,822.00	\$59,204.00	\$5,382.00 10%
SUBCONTRACTOR COSTS	\$53,822.00	\$59,204.00	\$5,382.00

September 4, 2024

Jeff McPherson, PE
Tillman & Associates Engineering, LLC
1720 SE 16th Avenue, Building 100
Ocala, FL 34471

RE: Proposal for Professional Engineering Services
Silver Springs Shores Water Reclamation Facility Sprayfield Cure Plan Design
Marion County, Florida
Jones Edmunds Opportunity No.: 95625-268-24

Mr. McPherson:

We have prepared this Scope of Services and associated fee for preparing sprayfield cure plan design documents, permitting documents, and bidding and construction services for the Silver Springs Shores Water Reclamation Facility (SSSWRF). Additional information about our understanding of the project, tasks, and fees required to complete these services are included below.

PROJECT BACKGROUND

Marion County Utilities (MCU) owns and operates the SSSWRF under Florida Department of Environmental Protection (FDEP) Permit No. FLA296651. The SSSWRF provides advanced wastewater treatment, and has a flow-through permitted capacity of 2.0 million gallons per day (MGD) and reuse permitted capacity as follows:

- Land Application System R-001: a 1.00 MGD annual average daily flow (AADF) permitted capacity slow-rate restricted public access sprayfield; 130 acres total wetted area.
- Land Application System R-002: a 0.50 MGD AADF permitted capacity rapid infiltration basin (RIB) system; 4 RIBs, 8 acres total wetted area (approximately 2 acres each).
- Land Application System R-003: a 1.25 MGD AADF permitted capacity slow-rate public access system. R-003 consists of three golf courses (Lake Diamond, Spruce, and Baseline) and other landscape irrigation.

The County is planning to construct a new road that will extend Emerald Road to SE 92nd Loop. The proposed road alignment will pass through R-001 and will require a sprayfield cure plan for the lost reuse area. This Scope of Services is for developing the sprayfield cure plan design and permitting documents including demolition of impacted spray heads and a one-for-one relocation on land adjacent to R-001 and within the SSSWRF property.

PROPOSED SCOPE OF WORK

TASK 1 – PROJECT MANAGEMENT, KICKOFF MEETING, AND CONCEPT PLAN

Project management throughout the duration of this project is included in this task. Also included in this task is coordinating and attending a kickoff meeting as follows:

- Attend a virtual kickoff meeting with Tillman & Associates (Tillman) and MCU staff to review the planned approach for the demolition and design documents. In preparation for the kickoff meeting, Jones Edmunds will prepare a concept plan that presents the following information:
 - Aerial map with LiDAR topography, and approximate SSSWRF property lines.
 - Existing R-001 16-inch trunk line and irrigation piping.
 - Overlay of proposed roadway extension with right-of-way limits.
 - Proposed R-001 sprayheads to be demolished and relocated onsite.
 - Proposed relocated R-001 sprayheads and new piping.

Assumptions:

The following assumptions are required before beginning work on this task:

- MCU will provide R-001 original design or as-built drawings prior to the kick-off meeting.
- Tillman will provide current CAD or scalable PDF drawings of the proposed roadway extension.

Deliverables:

- Agenda and meeting minutes including demolition and design concept figure as described above.

TASK 2 – 90% AND FINAL BID DOCUMENTS

Jones Edmunds will perform the following tasks associated with developing the 90% and final bid documents:

- Attend one site visit to SSSWRF to gather field data related to the existing and relocated spray heads.
- Prepare CAD drawings for the spray head demolition and relocation plans suitable for bidding.
- The design will be based on the following:
 - All new piping will be Class 51 cement lined ductile iron pipe.
 - Spray heads will match existing.
 - Specifications will reference Marion County Land Development Code
 - A 4-inch conduit will be added under the new road for future power.
- Coordinate and attend one virtual review meeting after the 90% submittal.
- Preparation of Technical Special Provisions (TSPs).

Assumptions:

- Plans will be prepared using available survey information.
- Geotechnical borings are not required.
- A project-specific standalone specifications document will not be prepared. All specifications will be included in the Plans, TSPs, and in the Marion County Land Development Code.

Deliverables:

- 90% design drawings (one PDF and one hard copy) and TSPs.
- 90% review meeting with agenda and minutes.
- Signed and sealed bid document (one PDF and one hard copy).

TASK 3 – PERMITTING

Based on discussions with Chuck LeGros, FDEP Central District, permitting will require a Substantial Revision not associated with a Substantial Modification. A Land Application Engineering Report will need to be submitted with the permit application. Jones Edmunds will perform the following tasks associated with developing the permit application:

- Prepare Application Forms 1 and 2A.
- Prepare an Abbreviated Land Application Engineering Report that the addresses the following information as described in 62-610.310, FAC:
 - Land Use map showing the site and land use of adjacent parcels.
 - Inventory of water wells within 0.5 miles of project area.
 - Surface water map and classifications within 1-mile of the site.
 - Soils information map and description of soils.
 - Topographic map and description of the groundwater monitoring system.
 - Floodplain map.
 - Regional Hydrogeologic Survey.
 - Project Evaluation.
 - New application areas, application rates, and proposed capacity.

Assumptions:

- Per 62-610, FAC, the Abbreviated Land Application Engineering Report will not require new field investigations. Only best available information will be used to prepare the report.
- MCU will provide information related to the recently revised Groundwater Monitoring Plan.
- There will be no increase in permitted capacity.

Deliverables:

- Signed and sealed permit application documents.

TASK 4 – AS-NEEDED BIDDING SERVICES (TIME AND MATERIALS)

At the County's request, Jones Edmunds will provide as-needed bidding services during the bidding and award process. These services may include attending a pre-bid meeting with prospective bidders, assisting the County with preparation of addenda to the Contract Documents, and preparation of responses to bidders' questions. Reimbursement for these services will be on a time-and-materials, not-to-exceed basis using rates as shown on the attached fee spreadsheet.

Assumptions:

- The County will advertise the project.
- The County will direct the pre-bid meeting and prepare the agenda and minutes.

TASK 5 – SERVICES DURING CONSTRUCTION (TIME AND MATERIALS)

Jones Edmunds will assist the County during a proposed 6-month construction schedule as follows:

- Attend a pre-construction meeting with selected contractor.
- Respond to Requests for Information.
- Review and process Submittals.
- Attend two Construction Progress Meetings.
- Perform Limited Site Observation.
- Perform one site visit at startup/substantial completion and complete a Certificate of Substantial Completion and submit to FDEP.

Assumptions:

- Change orders will be processed by the County.
- Observation site visits will be limited to two site visits and will be performed on the same day as the Construction Progress Meetings.
- The County will review and process Contractor Pay Applications.

Reimbursement for these services will be on a time-and-materials, not-to-exceed basis using rates as shown on the attached fee spreadsheet.

SCHEDULE

Jones Edmunds will begin work on this project within two weeks of receipt of a signed agreement and Notice to Proceed (NTP) from Tillman assuming existing sprayfield drawings and proposed roadway drawing will be made available. The design work and permit application documents will be completed within 60 days of receiving the agreement and NTP. Bidding is anticipated to take 45 days. Construction is anticipated to take no more than 6 months.

EXCLUSIONS AND CONDITIONS

The following items are exclusions to or conditions of this Scope of Services:

- Modeling of the existing sprayfield irrigation or proposed improvements is not included.
- This Scope of Work does not include geotechnical investigation or new surveying of the sprayfield site.
- This Scope of Work does not include an environmental assessment for wetlands or endangered species.
- The \$1,000 permit application fee will be paid by MCU.

COMPENSATION

In accordance with our Contract for Consulting Engineering Services, Jones Edmunds proposes to perform the Scope of Services as described herein on a lump-sum, percent-complete basis for Tasks 1, 2, and 3, and on a time-and-materials, not-to-exceed basis for Tasks 4 and 5 as follows:

Task	Cost
Task 1 – PM, Kickoff Meeting, and Concept Plan (Lump Sum)	\$9,475
Task 2 – 90% and Final Bid Documents (Lump Sum)	\$22,190
Task 3 – Permitting/Land Application Report (Lump Sum)	\$9,357
Task 4 – Bidding Services (Time and Materials)	\$3,985
Task 5 – Construction Administration Assistance (Time and Materials)	\$8,815
Total Lump Sum (Tasks 1, 2, & 3)	\$41,022
Total Time and Materials (Tasks 4 & 5)	\$12,800
Grand Total	\$53,822

Attached are Jones Edmunds' fee spreadsheet and Liquid Solutions Group's scope for assistance with the Land Application Engineering Report.

We appreciate this opportunity to continue to serve Tillman & Associates and Marion County, and we look forward to working with you on this project. If you have any questions or wish to discuss any aspect of this proposal, please contact us at your convenience.

Sincerely,



John H. Horvath, PE
Senior Project Manager



Jamie S. Bell, PE
Department Manager

**Project Fee Estimate**

Project Name: Silver Springs Shores Sprayfield Cure Plan Design
 Client: Tillman & Associates/Marion County Utilities
 Opportunity Number: 95625-268-24
 Project Number:

Staffing Plan					
Senior Project Manager	Project Engineer	Engineer Intern	CAD Designer	GIS Analyst	Sr. Admin. Assistant/Technical Editor
J Horvath	E Earnest	K Nguyen	Sly Sims	J Erickson	T Starling/N Vaseen
Rates					
\$265.00	\$215.00	\$145.00	\$160.00	\$135.00	\$115.00

Task No.	Task Description	Hours	Labor Hours	Direct Labor Effort (Rates)	Expenses: Subs, Misc. Costs (ODC's)	Total Fee(Rates)
1	Project Management and Kickoff Meeting					
	Project Management	6				
	Kick-off Meeting w/ Tillman and MCU	4	2	2		
	- Prepare Concept Plan	4	8	8	32	
						\$0.00
		Subtotal	14	10	10	14
2	90% and Final Bid Documents					
2.1	Site Visit	6	6	6		
2.2	CADD Drawings (Cover, General Notes, Abbreviations, Legend, Demolition, Spray Head Relocation, Details, Standard Details)	8	40	24		
2.3	TSPs	2	6		2	
			Subtotal	16	52	30
3	Permitting					
3.1	Forms 1 and 2A	2		4		
3.2	Land Application Engineering Report	8		2	4	
			Subtotal	10	0	6
4	Bidding Services (Time and Materials)					
4.1	Bidding Services	6	8	4		
			Subtotal	6	8	4
5	Construction Administration Assistance (Time and Materials)					
5.1	Pre-construction meeting		4			
5.2	RFIs	1	2			
5.3	Submittals	2	4	2		
5.4	Progress Meetings and Site Observation Visits	6	6		12	
5.5	Substantial completion and final permitting	2	8		10	
			Subtotal	11	24	2
			Grand Total	57	94	52
				32	8	0
				0	0	0
				0	0	0
				37		37
						\$8,365.00
						\$450.00
						\$8,815.00
						\$5,782.50
						\$53,822.50



February 26, 2024

Mr. John Horvath, PE
Jones Edmunds & Associates, Inc.
13545 Progress Blvd
Alachua, Florida 32615

SUBJECT: Proposal to Assist Jones Edmunds with Silver Springs Shores Water Reclamation Facility Permit Revision

Dear John:

We are pleased to submit this letter proposal for Liquid Solutions Group, LLC (LSG) to provide Jones Edmunds & Associates, Inc. (Jones Edmunds) with professional services to assist with the permit for the Marion County Silver Springs Shores Water Reclamation Facility Sprayfield modification. Jones Edmunds has requested the following scope of services from LSG for incorporation into an Abbreviated Land Application Engineering Report:

- Land use map showing the site and landuse of adjacent parcels.
- A well inventory of all potable and nonpotable water supply wells and monitoring wells within 0.5-mile of the site.
- Surface water map showing any surface waters and their classification pursuant to Chapter 62-302, FAC within 1-mile of the site.
- A soils map and descriptions of soils at the site.
- A contour map and description of the proposed groundwater monitoring system.
- A floodplain map.
- A summary of regional hydrogeology and geotechnical data collected from the site.

We assume that Jones Edmunds will incorporate the above items into the Engineering Report and will sign as the Engineer of Record. Jones Edmunds will also provide available geotechnical reports, monitor well construction information, and recent water level measurements from the monitor wells. We assume that the permit and fees will be submitted by others and that a site capacity analysis will not be required. We propose to perform this work for a Lump Sum total of \$4,500. We look forward to working with you. Please do not hesitate to contact me if you have any questions about the attached proposal.

Sincerely,

A handwritten signature in blue ink that reads "Roberto Denis".

Roberto Denis, PE, BC.WRE
Managing Member



February 26, 2024

Mr. John Horvath, PE
Jones Edmunds & Associates, Inc.
13545 Progress Blvd
Alachua, Florida 32615

SUBJECT: Proposal to Assist Jones Edmunds with Silver Springs Shores Water Reclamation Facility Permit Renewal

Dear John:

We are pleased to submit this letter proposal for Liquid Solutions Group, LLC (LSG) to provide Jones Edmunds & Associates, Inc. (Jones Edmunds) with professional services to assist with the permit for the Marion County Silver Springs Shores Water Reclamation Facility Sprayfield modification. Jones Edmunds has requested the following scope of services from LSG for incorporation into an Abbreviated Land Application Engineering Report:

- Land use map showing the site and landuse of adjacent parcels.
- A well inventory of all potable and nonpotable water supply wells and monitoring wells within 0.5-mile of the site.
- Surface water map showing any surface waters and their classification pursuant to Chapter 62-302, FAC within 1-mile of the site.
- A soils map and descriptions of soils at the site.
- A contour map and description of the proposed groundwater monitoring system.
- A floodplain map.
- A summary of regional hydrogeology and geotechnical data collected from the site.

We assume that Jones Edmunds will incorporate the above items into the Engineering Report and will sign as the Engineer of Record. Jones Edmunds will also provide available geotechnical reports, monitor well construction information, and recent water level measurements from the monitor wells. We assume that the permit and fees will be submitted by others and that a site capacity analysis will not be required. We propose to perform this work for a Lump Sum total of \$4,500. We look forward to working with you. Please do not hesitate to contact me if you have any questions about the attached proposal.

Sincerely,

A handwritten signature in blue ink that reads "Roberto Denis".

Roberto Denis, PE, BC.WRE
Managing Member