

CS-22-005

**WORK AUTHORIZATION #33
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS**

Consultant:	S2L, Incorporated
Contract Number:	CM2685
Contact Name:	Omar Smith, P.E., V.P.
Contact Number:	407-475-9163
Email:	osmith@s2li.com

CURRENT WORK AUTHORIZATION			
Project Short Title: FDEP Semi-Annual Water Quality Monitoring Services for the West Nassau and Lofton Creek Closed Landfills.			
		CONTRACT OVERVIEW	
Date Submitted	8/19/22	Total of Previous Authorizations	\$1,552,913.70
Amount	\$49,999.69	This Work Authorization	\$49,999.69
Scheduled Completion	9/30/23	Current Contract Total	\$1,602,913.30

This Work Authorization is to the AGREEMENT between Nassau County and S2L, Incorporated ("Vendor") for Continuing Contract for Professional Engineering Services-Solid Waste Landfills and Other Related Ancillary Facilities for Nassau County, Florida, dated July 26, 2019. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

This Work Authorization (WA) tasks S2L, Incorporated (S2Li) to provide qualified professional labor to complete groundwater and surface water sampling, laboratory analyses, and reporting to support Nassau County in compliance with Florida Department of Environmental Protection ("FDEP" or "Department") permit conditions and the requirements of FDEP Rule 62-701, FAC. S2Li Project Team will prepare two (2) Semi-Annual Water Quality Monitoring Report for the West Nassau and one Annual (Spring Event) Water Quality Monitoring Report for Lofton Creek Landfills during FY2023 (October 1, 2022 through September 30, 2023). S2Li Project Team will use groundwater level measurements and field and laboratory results from analyses of collected groundwater and surface water samples to complete the semi-annual FDEP data reporting requirements. The Monitoring Reports will be prepared in accordance with the requirements of FDEP Rule 62- 701.510(8)(a) and the landfill's current FDEP MPIS. The Semi-Annual Monitoring Reports will include, but may not be limited to:

- a. facility basic information, sample collection dates, and laboratory analyses dates;

- b. Original laboratory report results, QA/QC notations for analytical results, method detection limits, applicable water quality standards and STORET code numbers for all parameters analyzed;
- c. Tabulated water level and field parameter measurement data;
- d. Map showing monitoring locations for groundwater and surface water monitoring points with identification numbers;
- e. Water level measurements and measuring point elevations at each monitoring point reported to a precision of 0.01 feet NGVD;
- f. Updated groundwater contour maps for the upper and lower monitoring zones, with contour intervals no greater than 1 foot, indicating groundwater elevations and direction of groundwater flow;
- g. Summary of any water quality standards or criteria that are exceeded, and;
- h. Electronic Data Delivery (EDD) prepared in FDEP ADaPT format.
Additional sampling for testing may include leachate samples collected from the French Drain pump(s) and leachate storage tanks.

in accordance with the Scope of Services, a copy of which is attached hereto as **Exhibit "A"**.

ARTICLE 2. Time Schedule

Vendor anticipates their earliest starting date to be 10/1/22 from receipt of execution of this Work Authorization with an estimated duration of twelve (12) months to complete the Scope of Work.

ARTICLE 3. Budget

The cost estimate to conduct the Work as described in the below-listed Scope of Services is \$49,999.69. Costs will be invoiced on a time and materials basis. The County will be notified when the overall project budget is nearing its limit. Vendor's fee amounts are detailed further in **Exhibit "B"**. Vendor will be using rates previously established under Contract CM-2685.

ARTICLE 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the AGREEMENT referenced above and any of its attachments or schedules. Additional terms or contract provisions whether submitted purposely or inadvertently, shall have no force or effect. This Work Authorization will become a part of the referenced AGREEMENT when executed by both parties.

Any Work Authorization entered into prior to expiration or termination set forth in the AGREEMENT shall continue in effect through the earlier of: (i) the date all of the Services thereunder have been fully completed and accepted by Nassau County, or (ii) until such time as such Work Authorization expires or is terminated in accordance with its terms or is terminated pursuant to Article 2 hereof.

In presenting this Work Authorization, Vendor agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Vendor. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed scope of services are attached.

AGREED TO BY:

BY: Sam Levin
Print Name: Sam Levin
Title: President
Date: 8/30/2022

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Department Head/Managing Agent: Doug Podiak 8/26/2022

Procurement: Russell Adams 8/25/2022

Office of Management & Budget: Chris Lacambra 8/29/2022

County Manager: Taco E. Pope, AICP 8/30/2022
Taco E. Pope, AICP

Ex-Officio Clerk: N/A
John A. Crawford

County Attorney: Denise C. May 8/29/2022

APPROVED by the BOARD OF COUNTY COMMISSIONERS, this ^{30th} ___ day of
August, 2022.

BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA

Jeff Gray
Chairman

ACCOUNT NO.: 01361534-531000 \$7000.00
01362534-531000 \$27,542.46
01363534-531000 \$15,457.23

Exhibit "A"
Scope of Services

FDEP Semi-Annual Water Quality Monitoring Services
(Sampling, Laboratory Analyses, and Reporting Services)
for the
West Nassau and Lofton Creek Closed Landfills
Fall 2022 and Spring 2023 Sampling Events

Nassau County
S2L, Inc.'s Contract and Work Authorization Number: CM2685-WA33
S2Li Project Number: 22-981

Work Authorization Service Period: Fiscal Year 2023 (October 1, 2022 through September 30, 2023)

This Work Authorization will provide sampling, testing and reporting services by S2L, Incorporated ("S2Li") and The Colinas Group ("TCG") (S2Li's hydrogeological subconsultant) collectively known as the "S2Li Project Team" for the West Nassau and Lofton Creek Landfills in accordance to the respective landfill's water quality Monitoring Plan Implementation Schedules ("MPIS") within the permits for each site. As an additional services option, the S2Li Project Team will also sample and analyze the water quality at the wells along Meadowfield Bluff Road and provide the results for County documentation. Under the scope of services for this Work Authorization, S2Li Project Team will perform the following:

SCOPE OF SERVICES

S2Li Project Team will provide qualified professional labor to complete groundwater and surface water sampling, laboratory analyses, and reporting to support Nassau County in compliance with Florida Department of Environmental Protection ("FDEP" or "Department") permit conditions and the requirements of FDEP Rule 62-701, FAC. S2Li Project Team will prepare two (2) Semi-Annual Water Quality Monitoring Report for the West Nassau and one Annual (Spring Event) Water Quality Monitoring Report for Lofton Creek Landfills during FY2023 (October 1, 2022 through September 30, 2023). S2Li Project Team will use groundwater level measurements and field and laboratory results from analyses of collected groundwater and surface water samples to complete the semi-annual FDEP data reporting requirements.

The Monitoring Reports will be prepared in accordance with the requirements of FDEP Rule 62-701.510(8)(a) and the landfill's current FDEP MPIS. The Semi-Annual Monitoring Reports will include, but may not be limited to:

- a. Facility basic information, sample collection dates, and laboratory analyses dates;
- b. Original laboratory report results, QA/QC notations for analytical results, method detection limits, applicable water quality standards and STORET code numbers for all parameters analyzed;
- c. Tabulated water level and field parameter measurement data;
- d. Map showing monitoring locations for groundwater and surface water monitoring points with identification numbers;
- e. Water level measurements and measuring point elevations at each monitoring point reported to a precision of 0.01 feet NGVD;

- f. Updated groundwater contour maps for the upper and lower monitoring zones, with contour intervals no greater than 1 foot, indicating groundwater elevations and direction of groundwater flow;
- g. Summary of any water quality standards or criteria that are exceeded, and;
- h. Electronic Data Delivery (EDD) prepared in FDEP ADaPT format.

Additional sampling for testing may include leachate samples collected from the French Drain pump(s) and leachate storage tanks.

S2Li Project Team will complete two semi-annual monitoring and reporting events for the West Nassau Closed Landfill and an annual monitoring and reporting event for the Lofton Creek Closed Landfill. Expected sampling to be conducted in the Fall (October through December) 2022 for the West Nassau Landfill only and Spring (April through June) 2023 for both the West Nassau and Lofton Creek Landfills. Water quality monitoring reports will be prepared in draft form for review and comment by Nassau County and, on approval, will be submitted to the FDEP through the Department's ESSA website. Electronic copies of the original submittal will be transmitted to Nassau County to complete each monitoring event.

Optional Additional Scope of Services for Lofton Creek Landfill

Nassau County may desire to monitor water quality from time to time at four (4) existing monitoring wells located along Meadowfield Bluffs Road located to the west of the Lofton Creek Closed Landfill. At the County's direction, S2Li Project Team will sample these wells one time during the time of the spring sampling event of the Lofton Creek Landfill monitoring wells, analyze the samples in the laboratory and prepare a letter report presenting monitoring results with recommendations for further actions, if any, on the part of Nassau County. Analysis will include those listed in the landfill's FDEP MPIS for testing at facility background monitoring wells.

SCHEDULE

Work under the Scope of Services provided above will begin upon receipt of the signed Work Authorization. It is estimated that it will take approximately 30 days to complete and deliver the draft Semi-Annual Water Quality Monitoring Reports from the time of receipt of laboratory analytical results. S2Li Project Team will prepare one (1) draft copy of each report for review and approval of Nassau County. Upon approval from Nassau County, S2Li Project Team will prepare the final report and submit the electronic data deliverable in ADaPT format to the FDEP Tallahassee Office and Nassau County.

Work under the Scope of Services provided below will occur during the period of October 1, 2022 and run through this service period ending September 30, 2023.

COST ESTIMATE

A detailed breakdown of costs for completion of semi-annual water quality monitoring activities at both landfills is provided on the attached Cost Summary Sheet. Annual costs for field sampling, laboratory analyses and report preparation for submittal to the FDEP in accordance with landfill closure permit requirements are provided in the attachment to this proposal.

West Nassau Landfill costs include leachate sampling and testing from one of the French Drain pump stations and one composite sample at the leachate storage tanks.

Potential costs for re-sampling of groundwater and surface water are provided for rare instances where an original sample analysis confirmation is considered advisable. Costs are presented as Contingent DW/SW Resampling in the Cost Sheet Summary. Resampling of any monitoring well or surface water station will only occur with prior approval from Nassau County.

The cost estimate to conduct the Work as described in the above-listed Scope of Services is **\$49,999.69** including the optional additional services for Lofton Creek Landfill. A detailed breakdown for each task in conjunction with the estimated labor hours, contract labor rates, and expenses are included in the attached Exhibit 1 for the S2Li Project Team. Costs incurred will be invoiced on a time and material basis. The County will be notified when the overall project budget is nearing its limit.

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July 25, 2022

EXHIBIT "B"

S2Li No. 22-981

County No. CM2685-WA33

Total Project Costs

S2Li Fee Estimate

**FDEP Semi-Annual Water Quality Monitoring Services
West Nassau and Lofton Creek Closed Landfills
Sampling, Laboratory Analyses, and Reporting**

Fiscal Year 2023 Service Period (Fall 2022 and Spring 2023 Sampling/Reporting Events)
Nassau County, Florida

LABOR		LABOR CATEGORY AND RATE								TOTAL HOURS	SUBTOTAL LABOR
		Project Dir./ Principal	Regional Manager/ QC Officer	Principal Engineer	Senior Engineer	Project Engineer	Associate Engineer/CADD	Field Technician	Office Manager		
TASK	DESCRIPTION	\$250.00	\$232.25	\$190.26	\$137.09	\$97.92	\$74.21	\$52.38	\$76.24		
1	West Nassau Landfill (2 Events)	1	6	0	0	0	0	0	4	11	\$1,948.46
2	Lofton Creek Landfill (1 event)	0	3	0	0	0	0	0	2	5	\$849.23
3	Meadowfield Buff Road (Optional Add'l Services for Lofton Creek LF) (if needed)	0	0	0	0	0	0	0	0	0	\$0.00
SUBTOTALS:		1	9	0	0	0	0	0	6	16	\$2,797.69

EXPENSES		Field Vehicle (\$100/day)	Lab Testing (est.)	Equipment Rental (est.)	Parts (est.)	The Colinas Group (Attachment)					SUBTOTAL EXPENSES
TASK	DESCRIPTION										
1	West Nassau Landfill (2 Events)	\$ -	\$ -	\$ -		\$ 32,594.00	\$ -				\$ 32,594.00
2	Lofton Creek Landfill (1 event)	\$ -	\$ -	\$ -		\$ 11,287.00	\$ -				\$ 11,287.00
3	Meadowfield Buff Road (Optional Add'l Services for Lofton Creek LF) (if needed)					\$ 3,321.00					\$ 3,321.00
SUBTOTALS:		\$ -	\$ -	\$ -	\$ -	\$ 47,202.00	\$ -		\$ -	\$ -	\$ 47,202.00

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL S2Li LABOR	SUBTOTAL EXPENSES including Subconsultants	TASK TOTAL
1	West Nassau Landfill (2 Events)	\$ 1,948.46	\$ 32,594.00	\$ 34,542.46
2	Lofton Creek Landfill (1 event)	\$ 849.23	\$ 11,287.00	\$ 12,136.23
3	Meadowfield Buff Road (Optional Add'l Services for Lofton Creek LF) (if needed)	\$ -	\$ 3,321.00	\$ 3,321.00
TOTALS		\$ 2,797.69	\$ 47,202.00	\$ 49,999.69

THE COLINAS GROUP, INC.
HYDROGEOLOGISTS & ENGINEERS

July 22, 2022

Mr. Omar Smith, P.E.
S2L, Inc.
531 Versailles Drive
Suite 202
Maitland, Florida 32751

Subj: Proposal for Hydrogeological Services
Semi-Annual Water Quality Monitoring and Reporting
Nassau County Closed Landfills
TCG Proposal No. P-627

Dear Mr. Smith:

The Colinas Group, Inc. (TCG) is pleased to submit this proposal and fee/cost estimate to complete the following Scope of Services for hydrogeological services in support of regulatory compliance actions for Nassau County's West Nassau Closed Class I Landfill and Lofton Creek Closed Class I Landfill for the period Fall 2022 through Spring 2023.

SCOPE OF SERVICES

TCG will provide qualified professional labor to complete groundwater and surface water sampling, laboratory analyses and reporting to support Nassau County in compliance with Florida Department of Environmental Protection (FDEP) permit conditions and the requirements of FDEP Rule 62-701, FAC. TCG will prepare: Two (2) Semi-Annual Water Quality Monitoring Reports for the West Nassau Landfill and; one (1) Semi-Annual Water Quality Monitoring Report for the Lofton Creek Landfill over the coming one-year period. TCG will use groundwater level measurements and field and laboratory results from analyses of collected groundwater and surface water samples to complete the semi-annual FDEP data reporting requirements

The Semi-Annual Monitoring Reports will be prepared in accordance with the requirements of FDEP Rule 62-701.510(8)(a) and the landfill's current FDEP Monitoring Plan Implementation Schedules (MPIS). The Semi-Annual Monitoring Reports will include, but may not be limited to:

- a. Facility basic information, sample collection dates and laboratory analyses dates.
- b. Original laboratory report results, QA/QC notations for analytical results, method detection limits, applicable water quality standards and STORET code numbers for all parameters analyzed.
- c. Tabulated water level and field parameter measurement data.
- d. Map showing monitoring locations for groundwater and surface water monitoring points with identification numbers.
- e. Water level measurements and measuring point elevations at each monitoring point reported to a precision of 0.01 feet NGVD.
- f. Updated groundwater contour maps for the upper and lower monitoring zones, with contour intervals no greater than 1 foot, indicating groundwater elevations and direction of groundwater flow.
- g. Summary of any water quality standards or criteria that are exceeded.
- h. Electronic Data Delivery (EDD) prepared in FDEP ADaPT format.

TCG will complete one calendar year of FDEP semi-annual monitoring and reporting events for the West Nassau Closed Landfill and the Lofton Creek Closed Landfill to include: Fall (October) 2022 and Spring (April) 2023 for West Nassau and Spring (April) 2023 for Lofton Creek. Water quality monitoring reports will be prepared in draft for review and comment by S2Li and Nassau County and, on approval, will be submitted to the FDEP through the Department’s ESSA website. Electronic copies of the original submittal will be transmitted to S2Li to complete the monitoring event.

TCG proposes to complete the above Scope of Services on a not-to-exceed fee basis in accordance with our personnel standard hourly rates. A summary of professional labor fees and subcontract laboratory costs to complete the work tasks is presented below:

Semi-Annual Monitoring and Reporting (One-Year)

<u>West Nassau Landfill</u>	
TCG Professional Labor	\$ 8,048.00
Laboratory Direct Costs	<u>24,546.00</u>
Sub-Total	\$ 32,594.00
 <u>Lofton Creek Landfill</u>	
TCG Professional Labor	\$ 4,192.00
Laboratory Direct Costs	<u>7,095.00</u>
Sub-Total	\$ 11,287.00
TOTAL FEES AND COSTS	\$ 43,881.00

Nassau County may desire to monitor water quality from time to time at four (4) existing monitoring wells located along Meadowfield Bluffs Road located to the west of the Lofton Creek Closed Landfill. TCG, at the direction of S2L, Inc., will sample these wells, analyze the samples in the laboratory and prepare a letter report presenting monitoring results with recommendations for further actions, if any, on the part of Nassau County. Analytes will include those listed in the landfill’s FDEP Monitoring Plan Implementation Schedule for testing at facility background monitoring wells.

A summary of professional labor fees and laboratory costs to complete this “on-request” task is presented below:

Optional Monitoring and Reporting (per event) for Meadowfield Bluffs Road

TCG Professional Labor	\$ 1,045.00
Laboratory Direct Costs	\$ 2,276.00
TOTAL FEES AND COSTS	\$ 3,321.00

A detailed breakdown of costs for completion of semi-annual water quality monitoring activities at both landfills is provided on the attached Cost Summary Sheet. Annual costs for field sampling, laboratory analyses and report preparation for submittal to the FDEP in accordance with landfill closure permit requirements are provided in the attachment to this proposal.

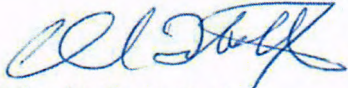
Costs for groundwater analyses include the addition of tests for Boron and Hydrogen Sulfide at specific monitoring wells at the West Nassau and Lofton Creek landfills to meet anticipated upcoming FDEP rule revisions for monitoring at unlined Class I landfills. TCG will include both parameters for sampling in the first semi-annual monitoring event following the date of final and official rule revision by the FDEP. Laboratory analysis costs (\$40/sample) for boron and Hydrogen Sulfide together are included in the Cost Summary Sheet.

Potential costs for re-sampling of groundwater and surface water are provided for rare instances where an original sample analysis confirmation is considered advisable. Costs are presented as Contingent DW/SW Resampling in the Cost Sheet Summary. Resampling of any monitoring well or surface water station will only occur with prior approval from both S2L, Inc. and Nassau County.

We estimate approximately 30 days to complete and deliver the draft Semi-Annual Water Quality Monitoring Reports from the time of receipt of laboratory analytical results. TCG will prepare one (1) draft copy of each report for review and approval of S2Li and Nassau County. Upon approval from S2Li, TCG will prepare the final report and submit the electronic data deliverable (EDD) in ADaPT format to the FDEP Tallahassee Office and S2Li.

We trust this proposal is suitable for your budget and contracting needs. If you have any questions or require further information, please do not hesitate to contact me at your convenience. We look forward to being of service to S2Li and to Nassau County.

Very truly yours,
THE COLINAS GROUP, INC.

A handwritten signature in blue ink, appearing to read "R. L. Potts, Jr.", is written over a light pink rectangular background.

Richard L. Potts, Jr., P.G
Principal Consultant
FL P.G. Reg. No. 1113

COST SUMMARY SHEET

**SEMI-ANNUAL WATER QUALITY MONITORING AT
NASSAU COUNTY CLOSED LANDFILLS
FALL 2022 - SPRING 2023**

TASK 1: WEST NASSAU LANDFILL						
Item	Field Component	Schedule	Cost per Event	Events/Yr.	Annual Cost	
1	Field Sampling Groundwater and Surface Water	Semi-Annual	\$3,368.00	2	\$6,736.00	
Item	Analytical Component	Schedule	Cost/Sample	Samples/Event	Events/Yr.	Annual Cost
2	Groundwater Analysis	Semi-Annual	\$ 326.00	7	2	\$ 4,564.00
3	Groundwater Analysis (+BH2S)	Semi-Annual	\$ 371.00	9	2	\$ 6,678.00
4	Surface Water Analysis	Semi-Annual	\$ 709.00	1	2	\$ 1,418.00
5	GW Equipment Blanks	Semi-Annual	\$ 326.00	1	2	\$ 652.00
6	Groundwater Trip Blanks	Semi-Annual	nc	1	2	\$ -
7	Surface Water Trip Blanks	Semi-Annual	nc	1	2	\$ -
8	GW Duplicate Samples	Semi-Annual	\$ 326.00	1	2	\$ 652.00
9	Contingent GW Resampling	Semi-Annual	\$ 480.00	1	2	\$ 960.00
10	Contingent SW Resampling	Semi-Annual	\$ 455.00	1	2	\$ 910.00
11	Leachate Analysis	Semi-Annual	\$ 988.00	1	2	\$ 1,976.00
Item	Reporting Component	Schedule	Cost/Event	Events/Yr.	Annual Cost	
12	WQMP Report Preparation and FDEP Submittal	Semi-Annual	\$ 4,024.00	2	\$ 8,048.00	
WEST NASSAU LANDFILL TOTAL					\$ 32,594.00	
TASK 2: LOFTON CREEK LANDFILL						
Item	Field Component	Schedule	Cost per Event	Events/Yr.	Annual Cost	
13	Field Sampling Groundwater	Annual	\$3,867.00	1	\$3,867.00	
Item	Analytical Component	Schedule	Cost/Sample	Samples/Event	Events/Yr.	Annual Cost
14A	MW-1S	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14B	MW-1i	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14C	MW-3S	Semi-Annual	\$ 74.00	1	1	\$ 74.00
14D	MW-4S	Semi-Annual	\$ 74.00	1	1	\$ 74.00
14E	MW-4i	Semi-Annual	\$ 74.00	1	1	\$ 74.00
14F	MW-5S	Semi-Annual	\$ 139.00	1	1	\$ 139.00
14G	MW-6S	Semi-Annual	\$ 74.00	1	1	\$ 74.00
14H	MW-7S	Semi-Annual	\$ 139.00	1	1	\$ 139.00
14I	MW-7i	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14J	MW-9S	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14K	MW-9i	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14L	MW-10S	Semi-Annual	\$ 74.00	1	1	\$ 74.00
14M	MW-10i	Semi-Annual	\$ 139.00	1	1	\$ 139.00
14N	MW-13S	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14O	MW-13i	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14P	MW-15S	Semi-Annual	\$ 74.00	1	1	\$ 74.00
14Q	MW-15i	Semi-Annual	\$ 139.00	1	1	\$ 139.00
14R	MW-18S	Semi-Annual	\$ 139.00	1	1	\$ 139.00
14S	MW-18i	Semi-Annual	\$ 139.00	1	1	\$ 139.00
14T	GW Equipment Blanks	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14U	GW Trip Blanks	Semi-Annual	nc	1	1	\$ -
14V	GW Duplicate Samples	Semi-Annual	\$ 148.00	1	1	\$ 148.00
14W	Contingent GW Resampling	Semi-Annual	\$ 618.00	1	1	\$ 618.00
Item	Reporting Component	Schedule	Cost per Event	Events/Yr.	Annual Cost	
15	WQMP Preparation and FDEP Submittal	Annual	\$ 4,192.00	1	\$ 4,192.00	
LOFTON CREEK LANDFILL TOTAL					\$ 11,287.00	

TASK 3: MEADOWFIELD BLUFFS ROAD (OPTIONAL)						
Item	Field Component		Schedule	Cost per Event	Events/Yr.	Per Event Cost
16	Field Sampling Groundwater		On Demand	\$ 972.00	TBD	\$ 972.00
Item	Analytical Component	Schedule	Cost/Sample	Samples/Event	Event/Yr.	Per Event Cost
17	Groundwater Analyses	On Demand	\$ 326.00	4	TBD	\$ 1,304.00
Item	Reporting Component		Schedule	Cost per Event	Events/Yr.	Per Event Cost
18	Report Preparation and County Submittal		On Demand	\$ 1,045.00	TBD	\$ 1,045.00
MEADOWFIELD BLUFFS ROAD TOTAL						\$ 3,321.00

WATER QUALITY MONITORING COST SUMMARY

Nassau County Landfills Water Quality Monitoring and Reporting		Annual Cost Summary	
	West Nassau Landfill	\$	32,594.00
	Lofton Creek Landfill	\$	11,287.00
	Meadowfield Bluffs Road (Optional)	\$	3,321.00
	TOTAL ANNUAL COST	\$	47,202.00



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/28/2021

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

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

PRODUCER Marsh & McLennan Agency LLC 2405 Lucien Way Suite 275 Maitland FL 32751	CONTACT NAME: Lidia Santiuste PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: lidia.santiuste@marshmma.com														
INSURED S2L Inc 531 Versailles Drive Suite 202 Maitland FL 32751	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : Continental Casualty Company</td> <td>20443</td> </tr> <tr> <td>INSURER B : Transportation Insurance Company</td> <td>20494</td> </tr> <tr> <td>INSURER C : Evanston Insurance Company</td> <td>35378</td> </tr> <tr> <td>INSURER D : National Fire Insurance Co of Hartford</td> <td>20478</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Continental Casualty Company	20443	INSURER B : Transportation Insurance Company	20494	INSURER C : Evanston Insurance Company	35378	INSURER D : National Fire Insurance Co of Hartford	20478	INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Continental Casualty Company	20443														
INSURER B : Transportation Insurance Company	20494														
INSURER C : Evanston Insurance Company	35378														
INSURER D : National Fire Insurance Co of Hartford	20478														
INSURER E :															
INSURER F :															

COVERAGES **CERTIFICATE NUMBER: 1224293981** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			2075876503	1/1/2022	1/1/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
D	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			2075880437	1/1/2022	1/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			B2095585866	1/1/2022	1/1/2023	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N	WC275880387	1/1/2022	1/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability			MKLV2EN102578	1/1/2022	1/1/2023	Ea Claim / Agg Deductible \$2,000,000 \$10,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Continuing Contract for Professional Engineering Services (Contract No. CM2685). Solid Waste Landfills and Other Related Ancillary Facilities for Nassau County, Florida.
 Certificate holder, as Designated Organization, is an Additional Insured as respects General Liability and Automobile Liability. Umbrella follows form to the underlying policies as respects to Additional Insureds. Waiver of Subrogation as respects General Liability, Auto and Workers Compensation in favor of Additional Insured. 30 Day notice of Cancellation (10 days for non-payment) in favor of Additional Insured as respects General Liability. All of the above applies when required by written contract subject to the terms, conditions and exclusions of the policy.

CERTIFICATE HOLDER Nassau County Board of County Commissioners 96135 Nassau Place Suite 6 Yulee FL 32097	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
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Certificate Of Completion

Envelope Id: 291EF83F1170451F999E75758AB90378	Status: Completed
Subject: Please DocuSign: Work Authorization 33 \$49,999.69 S2L, Incorporated	
Source Envelope:	
Document Pages: 16	Signatures: 10
Certificate Pages: 6	Initials: 2
AutoNav: Enabled	Envelope Originator:
Envelope Stamping: Enabled	Becky Diden
Time Zone: (UTC-05:00) Eastern Time (US & Canada)	bdiden@nassaucountyfl.com
	IP Address: 50.238.237.26

Record Tracking

Status: Original	Holder: Becky Diden	Location: DocuSign
8/25/2022 2:47:33 PM	bdiden@nassaucountyfl.com	

Signer Events

Signature	Timestamp
<p>Doug Podiak dpodiak@nassaucountyfl.com Facilities Director Nassau County BOCC Security Level: Email, Account Authentication (None)</p> <p><i>Doug Podiak</i></p> <p>Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26</p>	<p>Sent: 8/25/2022 2:55:17 PM Viewed: 8/26/2022 1:07:53 PM Signed: 8/26/2022 1:08:04 PM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	
<p>Lanaee Gilmore lgilmore@nassaucountyfl.com Procurement Director Nassau County BOCC Security Level: Email, Account Authentication (None)</p> <p><i>Lanaee Gilmore</i></p> <p>Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26</p>	<p>Sent: 8/26/2022 1:08:07 PM Viewed: 8/26/2022 4:29:12 PM Signed: 8/26/2022 4:29:18 PM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	
<p>Tracy Poore tpoore@nassaucountyfl.com OMB Admin Nassau County BOCC Security Level: Email, Account Authentication (None)</p> <p><i>TP</i></p> <p>Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26</p>	<p>Sent: 8/26/2022 4:29:21 PM Viewed: 8/29/2022 8:06:02 AM Signed: 8/29/2022 8:07:37 AM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	
<p>chris lacambra clacambra@nassaucountyfl.com OMB Director Nassau County BOCC Security Level: Email, Account Authentication (None)</p> <p><i>chris lacambra</i></p> <p>Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26</p>	<p>Sent: 8/29/2022 8:07:39 AM Viewed: 8/29/2022 8:52:15 AM Signed: 8/29/2022 8:52:24 AM</p>
<p>Electronic Record and Signature Disclosure: Not Offered via DocuSign</p>	

Signer Events	Signature	Timestamp
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Denise C. May dmay@nassaucountyfl.com Assistant County Attorney Nassau County BOCC Security Level: Email, Account Authentication (None)	<i>Denise C. May</i> Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26	Sent: 8/29/2022 8:52:27 AM Viewed: 8/29/2022 9:52:59 AM Signed: 8/29/2022 9:53:21 AM
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Sam Levin slevin@s2li.com President Security Level: Email, Account Authentication (None)	<i>Sam Levin</i> Signature Adoption: Pre-selected Style Using IP Address: 72.188.179.252	Sent: 8/29/2022 9:53:24 AM Resent: 8/30/2022 1:21:33 PM Viewed: 8/30/2022 1:37:19 PM Signed: 8/30/2022 1:38:14 PM
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Electronic Record and Signature Disclosure:
Accepted: 8/30/2022 1:37:19 PM
ID: 8116595a-af3d-4363-bf49-4e43af47013a

Taco E. Pope, AICP tpope@nassaucountyfl.com County Manager Nassau County BOCC Security Level: Email, Account Authentication (None)	<i>Taco E. Pope AICP</i> Signature Adoption: Pre-selected Style Using IP Address: 50.238.237.26	Sent: 8/30/2022 1:38:16 PM Viewed: 8/30/2022 2:36:00 PM Signed: 8/30/2022 2:36:11 PM
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Clerk Finance received boccap@nassauclerk.com Nassau County Clerk Security Level: Email, Account Authentication (None)	<i>SB</i> Signature Adoption: Pre-selected Style Using IP Address: 12.23.69.254	Sent: 8/30/2022 2:36:14 PM Viewed: 8/30/2022 4:35:59 PM Signed: 8/30/2022 4:36:08 PM
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Electronic Record and Signature Disclosure:
Accepted: 2/4/2021 9:59:11 AM
ID: 6238f06a-a4ad-4d45-a7f5-929d04629059

In Person Signer Events	Signature	Timestamp
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Editor Delivery Events	Status	Timestamp
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Agent Delivery Events	Status	Timestamp
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Intermediary Delivery Events	Status	Timestamp
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Certified Delivery Events	Status	Timestamp
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Carbon Copy Events	Status	Timestamp
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Procurement Procurement@nassaucountyfl.com Security Level: Email, Account Authentication (None)	COPIED	Sent: 8/30/2022 4:36:12 PM Viewed: 8/31/2022 1:02:03 PM
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Envelope Sent	Hashed/Encrypted	8/25/2022 2:55:17 PM
Certified Delivered	Security Checked	8/30/2022 4:35:59 PM
Signing Complete	Security Checked	8/30/2022 4:36:08 PM
Completed	Security Checked	8/30/2022 4:36:12 PM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

From time to time, County of Nassau (we, us or Company) may be required by law to provide to you certain written notices or disclosures. Described below are the terms and conditions for providing to you such notices and disclosures electronically through the DocuSign system. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to this Electronic Record and Signature Disclosure (ERSD), please confirm your agreement by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

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If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact County of Nassau:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: bsimmons@nassaucountyfl.com

To advise County of Nassau of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at bsimmons@nassaucountyfl.com and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

If you created a DocuSign account, you may update it with your new email address through your account preferences.

To request paper copies from County of Nassau

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to bsimmons@nassaucountyfl.com and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with County of Nassau

To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;

ii. send us an email to bsimmons@nassaucountyfl.com and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

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To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

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- Until or unless you notify County of Nassau as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by County of Nassau during the course of your relationship with County of Nassau.