## REQUEST FOR STATEMENT OF QUALIFICATION PROJECT NO. 19-9119 CONSTRUCTION ADMINISTRATION SERVICES FOR THE DRILLING OF DEEP INJECTION WELLS NO. 3 & NO. 4 AT SOUTHERN REGIONAL WASTEWATER TREATMENT PLANT July 2019

Due Date: August 6, 2019 at 2:00 PM

Prepared for:



City Commission of the City of Hollywood, Florida

August 5, 2019

Prepared by:



L.S. Sims & Associates, Inc. 1530 U.S. Highway 1 Rockledge, Florida 32955 Office (321) 504-4046

Contact: James E. McGrath

### REQUEST FOR STATEMENT OF QUALIFICATION PROJECT NO. 19-9119 CONSTRUCTION ADMINISTRATION SERVICES FOR THE DRILLING OF DEEP INJECTION WELLS NO. 3 & NO. 4 AT SOUTHERN REGIONAL WASTEWATER TREATMENT PLANT

#### July 2019

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August 5, 2019

City of Hollywood, Florida Office of the City Clerk 2600 Hollywood Blvd., Room 221 Hollywood, Florida 33020

RE: Transmittal Letter Statement of Qualifications Professional Engineering Consulting Services Underground Injection Systems of the Department

Dear Selection Committee Members:

L.S. Sims & Associates, Inc. is pleased to submit this Letter of Interest and Statement of Qualifications for services in connection with the City of Hollywood Department of Public Utilities Injection Well System. L.S. Sims and Associates, has assembled a Project Team including REM Associates, Inc. and WSW Engineering, Inc. This Project Team includes Underground Injection Specialists with the complementary skills necessary to meet all City of Hollywood Underground Injection Control project objectives.

L.S. Sims & Associates (LSSA) is a multi-disciplined Environmental Consulting Firm located in Rockledge, Florida. The company specializes in Underground Injection Control (UIC) Projects within the state of Florida. The company is a Licensed Geology Business through the State of Florida Department of Business and Professional Regulation (G.B. No. 298) and has recently renewed our Engineering Business License through the State of Florida after a change in the qualifying engineer. The company also holds a Brevard County Occupational License (No. 9550589) and City of Rockledge Occupational License (No. 061018). The Company is fully insured and able to meet the City of Hollywood insurance requirements.

Incorporated in November 1997, LSSA was founded by Lawrence S. Sims in 1994. Mr. Sims is a Licensed Professional Geologist in the State of Florida (P.G. No. 316) and has over 30 years' experience serving as an Environmental Consultant and working for Environmental Regulatory Agencies within the State of Florida. The LSSA office is located at 1530 U.S. Highway 1 in Rockledge, Florida. The LSSA staff members are residents of Brevard County. A field office will be established in Broward County during the term of this contract if we are selected and **James E. McGrath**, Senior Hydrogeologist is our designated contact and will be the project Manager with authorization to make representations for the firm during this project. Mr. McGrath can be reached at the Rockledge office by mail, telephone at (321) 504-4046 or via Email at imcgrath@simsenv.com.



LSSA and its primary subcontractors REM Associates, Inc. and WSW Engineering, Inc., have a proven track record for successfully handling complex UIC projects in South Florida. LSSA staff have direct experience with Broward County injection well projects including one early injection well for the City of Hollywood (1989-90) while working for a previous employer.

It is our understanding that the work associated with this RFQ includes professional engineering consultant services during the construction of Deep Injection Wells No. 3 and No. 4, and a deep monitor well, which shall include the preconstruction and project coordination activities, observation of drilling services, construction inspection, interim and final report preparations pursuant to the FDEP construction permit, coordination with the CITY and FDEP, permitting, engineering support services, and all other related services during the construction. LSSA is fully prepared and desires to perform the described services pursuant to an agreement with the City of Hollywood.

L.S. Sims & Associates, Inc. will be the Prime Consultant and lead on all work assignments with support from REM Associates, Inc. and WSW Engineering, Inc. as needed. REM Associates, Inc. and WSW Engineering, Inc. have successfully teamed with LS Sims & Associates for injection well design, permitting and construction projects several times in the last 16 years. Roger Mayfield provides the civil/mechanical engineering and design portions of injection well system, including the pipelines and pumping stations while Gary Yocum, P.E. provides the electrical engineering for instrumentation and control of the various injection well systems we have designed, constructed and permitted during this 16-year period.

The most unique feature of our approach to management of injection well construction and testing projects is utilizing senior level professional supervision on site during the key portions of construction and testing. Whenever a key decision is made, 24 hours per day, 7 days per week, or decision makers are onsite. There is no delay waiting for command decisions based on Emails or Faxes.

The Project Team key staff members proposed for this project are uniquely qualified and each have 25 years or more experience directly related to the professional services sought by the City of Hollywood. Our senior staff have worked on the permitting, compliance or construction supervision on 49 Class I injection well systems in Florida. We have the financial and personnel resources to perform the services required.

Sincerely,

James E. McGrath, P.G. L.S. Sims & Associates, Inc.

### ENGINEERING SERVICES QUALIFICATION STATEMENT AND SUBMITTAL QUESTIONNAIRE

#### PROJECT NAME: CONSTRUCTION ADMINISTRATION SERVICES FOR THE DRILLING OF DEEP INJECTION WELLS NO. 3 & NO. 4 PROJECT NO.: 19-9119

## 1. FIRM NAME & OFFICE LOCATION (Mailing Address and Street Address)

Name: L.S. Sims & Associates, Inc.	
Mailing Address: <u>1530 U.S. Highway 1</u> Street/PO Box	
City <u>Rockledge</u>	State_FL_Zip <u>32955</u>
Physical Address (if different from above): Street	
City	State Zip _
Phone (321) 504-4046 Ext	Fax <u>(321)504-4035</u>
Primary E-Mail Address: <u>JMcGrath@simsenv</u>	v.com
Web Site Address: www.simsenv.com	
Contacts: 1. Name: <u>James McGrath</u> 2. Name:	Title: <u>Managing Geologist</u> Title:
2. TYPE OF ORGANIZATION	
<ul> <li>A. Check One:</li> <li>X Corporation (complete Section B and G)</li> <li>Sole Proprietorship (complete Section D)</li> <li>Other (complete Section F and G</li> </ul>	<ul> <li>Partnership (complete Section C and G)</li> <li>Joint Venture (complete Section E and G</li> </ul>
B. If a Corporation, State incorporate	

	Date of Incorporation: <u>November 7, 1997</u>	
	State in which Incorporated: Florida If an out-of-state corporation that is currently authorized to do business in the State of Florida, give the date of such authorization:	
	Name and Titles of Principal Officers	Date Elected
	Linda K. Sims, President	
	Lawrence S. Sims, Vice President Cydney C. Sims, Vice President of Engineering	
	V. Sue Anderson, Secretary	
C.	If a Partnership, State formed:	
	Date of Partnership: <u>NA</u>	
	Type of Partnership (General or	
	Names and Addresses of Partners:	
D.	If Joint Venture, State formed:	
	Date of Joint Ventureship: NA	
	Names and Addresses of Joint Venturers:	
E.	If a Sole Proprietorship, State created: Name and Address of Sole Proprietor:	

NA

	If other than above, please describe:
	NA
G.	Related Parent Company, Divisions, and Subsidiaries: (Attach additional information on other office locations, if appropriate)
	NA
	NA
	NA
	<u>NA</u>
	NA
	NA
se	NA

**3. EMPLOYEES AND PERSONNEL** Provide a separate listing for personnel at the corporate (national) level, with the state (Florida) level and for the local office.

Permanent Office Staff	Number	Avg. Years With Firm			Permanent Office Staff	Number	Avg. Years With Firm		
		1-5	5-10	10+			1-5	5-10	10+
Administrative	3	1		2	Clerical	1			1
					/Technicians				
Project	4		1	3	Procurement				
Management			1	5					
Engineers	2	2			Project Control				
					and Estimating				
Design/Drafting	2	1		1	Construction				
	2	1		1	Management	3	1		2
Computer					Research and				
Services					Development				

Local Office Location: 1530 U.S. Highway 1, Rockledge, FL 32955

Personnel in Organization by Discipline.

Discipline	Enginee	ers	Designers		
	Reg	Total	Total		
Civil	1	2	2		
Sanitary					
Structural					
Mechanical					
HVAC					
Process					
Electrical					
Instrumentation					
Industrial					
		•			

<b>Discipline (</b> <i>Procurement</i> <b>)</b> Capital Equipment Buyers Subcontract Administrators Bulk Material Buyers Inspection/Expediting Clerical/Technical Support	Personnel
<b>Discipline (</b> <i>Construction</i> <i>Management</i> ) Field Superintendents Home Office Management Planners (Site, City, Community) Architects Other	Personnel3
Maximum Man-Hours Available Pe Year:	er 20.200

Year:	20.200
Current Estimated Man-Hours Per	,
Year:	15,000

#### 4. FINANCIAL INFORMATION

A. Attach a copy of current audited income statement and balance sheet. -Pages 27-31

## 5. WORK EXPERIENCE:

## A. Types of Services Provided (Check Yes or No)

Feasibility Studies Drawings	Yes X	No □	Stress Analysis*	Yes	No X
Preparation of Specifications	X		Pipeline	X	
Construction Mgmt. Services	X		Surveying		X
Process Problem Analysis		X	Direct Hire Field Construction		X
Energy Conservation Studies		X	Detailed Instrumentation & Control	X	
Soil and Foundation Studies		X	Process Design	X	
Foundation Design Structural Design Testing Capability Detailed Mechanical			Equipment Design Detailed Electrical Detailed Piping Design Construction Management		

	Procuremen	t		X	Inspectio	n/Expedit	ina		X
B.			tilized:						
	*Manual		Computer	X	If Computer, Program:	What	AutoCAD/Adol MOD FLOW/Surf		
	<ul><li>including:</li><li>1) Location</li><li>2) Descripti</li><li>3) Your sco</li></ul>	s a res <u>-Pag</u> of proje on of pro pe of inv type (e. nate valu of work lanager	sult of this es 32-36 oject volvement ir g. reimbursa ue of contrac	n projec able/fixe	t t t	eted by			
			Description	ו)	Hollywood	Work /ell 1988-	Experien 89	ce:	

B. Current City of Hollywood Engineering services agreement, if any: (Agreement Number/Expiration Date/Location/Description)

None

### 7. SUBCONTRACTED SERVICES:

List Subcontractor/ Sub-consultant firms expected to be utilized, and their portion of the work below:

Name of Firm	Area of work to be Performed under this agreement
WSW Engineering Inc.	Instrumentation and Controls
REM Associates, Inc.	Civil Engineering

Also, provide resumes of individuals from these firms whom the Subcontractors shall utilize for completion of the construction.

Identify those subcontractors that are Minority/Women's Business Enterprises and repeat required information in "Minority/Woman Business Participation", below for said Subcontractors. (THIS REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

#### 8. BUSINESS SIZE AND CLASSIFICATION

A. Size (check one)

#### 🗴 Small

A domestic concern that normally employs less than 500 persons, or as defined by section 3 of the Small Business Act.

□ Large

A domestic concern which, including domestic and foreign divisions and affiliates, normally employs 500 or more persons, is independently or publicly owned or controlled and operated and

which may be a division of another domestic or foreign concern.

**B.** Classification (check where applicable; may be more than one)

**X** Women: Give Foreign: A concern which is not incorporated in the A business that is at least 51% owned and United States or an unincorporated controlled by a woman or women. concern having its principal place of (THE REQUIREMENT FOR M/WBE business outside the United States. INFORMATION IS VOLUNTARY) ☐ Minority: A business, at least 50% of which is □ Nonprofit: owned by minority group members, or, in A business or organization that has case of publicly owned businesses, at received nonprofit status under IRS Regulation 501C3. least 51% of the stock of which is owned □ Sheltered: by minority group members. For the purpose of this definition, minority group A sheltered workshop or other equivalent members are Black-Americans, Hispanicbusiness basically emploving the Americans, American-Orientals, handicapped. American-Indians, American-Eskimos, and American-Aleuts. (THE REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

Please indicate in the space below how your firm complies with the definitions selected above.

Self Certified Woman Owned business.

#### 9. PROFESSIONAL ENGINEER'S LICENSE:

Respondent must hold a valid State of Florida Professional Engineer's License to be considered a qualified bidder.

State of Florida Professional Engineer's License	
No.:	87352

Date: <u>August 5, 2019</u>

Primary Classification: <u>Civil Engineering-Water Resources and Environmental</u>

## **10. QUALIFICATION FORM PREPARED BY:**

Name (print or type): <u>James E. McGrath</u>					
Title: Managing Geologist					
Signature:					
Address: <u>1530 U.S. Highway 1, Rockledge, FL 32955</u>					
Telephone Number: (321) 504-4046					

#### STATEMENT OF QUALIFICATIONS CITY OF HOLLYWOOD UTILITIES P PROFESSIONAL ENGINEERING CONSULTING SERVICES FOR UNDERGROUND INJECTION SYSTEMS



James McGrath PG Project Manager

Cydney Maksymow, P.E.

Roger Mayfield, P.E. REM Associates, Inc. Civil Engineering

Gary Yocum, P.E. WSW Engineering, Inc. Instrumentation & Controls Dylan Froman, EIT Project Engineer / Lead Construction Inspection

Graduate Geologists and Engineers, Construction Inspection

	E. RESUMES OF K	EY PERSONNEL PI			RACT	
12.	NAME	13. ROLE IN THIS CON			14.	YEARS EXPERIENCE
Ja	mes E. McGrath, P.G.	Project Manager		a. TOTAL 38	b. WITH CURRENT FIRM	
	15. FIRM NAME AND LOCATION (City and State)					
L.S	S. Sims & Associates, Inc., Rockledge, FL					
	EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PRO	OFESSIONAL RI	EGISTRATION	(STATE AND DISCIPLINE)
B	A Geology, University of South Florida		Licensed Prot	fessional Ge	eologist St	tate of FL, #961
0.,					sologiot, o	
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publications, O	rganizations, Training, Aw	ards, etc.)			
40	ophysical Log Interpretation, Dresser Indust Hour Hazwoper 29 CFR1910.120(e), 1988 our Hazwoper Refresher, 1989 - 2019	ries, Numerous pu	Iblications			
		19. RELEVANT I	PROJECTS			
	(1) TITLE AND LOCATION (City and State)				(2) YEAR	COMPLETED
				PROFESSION	. ,	CONSTRUCTION (If applicable)
	Monarch HIII Injection Well, Pompano Beac	h, FL		20	16	
-	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE		Check i	f project perfo	ormed with current firm
a.	Project Manager, Design and Permit applic	ation for Construct	tion & Testing			
	pending. Demonstrates expertise and expe					
	(1) TITLE AND LOCATION (City and State)				(2) YEAR	COMPLETED
				PROFESSION	. ,	CONSTRUCTION (If applicable)
	Medley Landfill Injection Well, Medley FL			20		2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			Check i	f project perfo	ormed with current firm
b	Project Manager, Class I injection well desi operational testing support, operating perm expertise and experience in Class I injectio interpretation and permitting process.	it application, Fee	s, 757,710, Co	n & Testing	, Construc osts, 5,000	tion / Testing oversight, ),000. Demonstrates
	(1) TITLE AND LOCATION (City and State)				(2) YEAR	COMPLETED
				PROFESSION		CONSTRUCTION (If applicable)
	Intersil Corporation Injection Well System N	ΛIT		20	15	2015
-	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE		Check i	f project perfo	ormed with current firm
C.	c. Project Manager, prepared and received FDEP approval for multi well MIT plan, implemented MIT plan and prepa					
	Fnal Report, Fees \$18,540, Construction corregulations, technology, construction and te					
	(1) TITLE AND LOCATION (City and State)					COMPLETED
				PROFESSION	AL SERVICES	CONSTRUCTION (If applicable)
	Tropicana Injection Well Rehabilitation, Ft.			20	13	2013
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND					ormed with current firm
	Project Manager, prepared and received FI Class I injection well specific injectivity to va Demonstrates expertise and experience in methods, data interpretation and permitting	alues when well wa Class I injection w	as new. Fees, ell regulations,	\$31,300, co technology	nstruction , construct	costs \$125,000. ion and testing
_	(1) TITLE AND LOCATION (City and State)					COMPLETED
				PROFESSION	AL SERVICES	CONSTRUCTION (If applicable)
	Okeechobee Landfill Inc. Injection Well Cor		obee, FL	20	19	2009
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND					ormed with current firm
0.	Project Manager, Class I injection well desi operational testing support, operating perm expertise and experience in Class I injectio interpretation and permitting process.	it application, Fee	s, 960,000, Co	nstruction c	osts, 5,000	),000. Demonstrates

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)							
12.	NAME	13. ROLE IN THIS CON		5011.)	1/	YEARS EXPER	
				·	a. TOTAL		JRRENT FIRM
	ger E. Mayfield, P.E.	Professional Engi	ineer		41		16
	FIRM NAME AND LOCATION (City and State)		14 4 )				
	S. Sims & Associates Inc., Rockledge, FL (e EDUCATION (DEGREE AND SPECIALIZATION)	mployee & consu	,			OTATE AND	
Ва	w Mexico State University chelor of Science Civil Engineering 1976 ister of Science Civil Engineering 1978		State of Floric Professional E PE 046092				
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Or	ganizations, Training, Aw	ards, etc.)				
	nerican Society of Civil Engineers, Water Env andard Handbook of Environmental Engineer					chnical pap	ers.
		19. RELEVANT F	PROJECTS	1			
	(1) TITLE AND LOCATION (City and State)			PROFESSIONA	( )	COMPLETED	
	Disposal Injection Well Tropicana Products,	Inc Fort Pierce	Florida	200			DN (If applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND S		TIONUA			ormed with cur	
a.	Design Engineer and Engineer of Record fo citrus processing plant in Florida. Activities above-grade facilities (pumping system, stru performing and certifying MIT (Mechanical I	r a deep well disp included preparat uctural component	ion of permittin	r treated ind g document em, monitori	ustrial was ts and deta	stewater for ailed desigr	r a major n of all
	(1) TITLE AND LOCATION (City and State)		·		(2) YEAR	COMPLETED	
	Disposal Injection Well - Waste Managemer County Florida		ndfill, Dade	PROFESSIONAL SERVICES 2013			ON <i>(If applicable)</i>
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND Lead Design Engineer for design of a Dispo and 3rd party wastes. Responsibilities inclu Engineer of Record for FDEP permit applica Monthly Operating Report (MOR) preparation	sal Injection Well ded engineering o ations. Provided c	design of all ab	o dispose of ove-ground	leachate facilities, a	and serving	W landfill, as
	(1) TITLE AND LOCATION (City and State)				. ,	COMPLETED	
							ON (If applicable)
	Disposal Injection Well - Waste Managemer		ee Florida	200			009
с.	<ul> <li>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE</li> <li>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE</li> <li>(4) Design Engineer and Construction Manager for permitting, design, construction and startup of a deep well injection system to dispose of leachate from a regional MSW landfill. Ultimate facility capacity is 3 MGD. Surface facilities includ a leachate pump station with controls &amp; telemetry, 0.5 mile force main, and well-head piping, controls and data communications. Support facilities include Monitoring Well pumps and a stormwater injection pump.</li> </ul>						ection lities include
	(1) TITLE AND LOCATION (City and State)		_	PROFFORIANI	· · /	COMPLETED	
	Disposal Injection Well Permitting - Waste N Beach, Florida	lanagement, Inc.,	Pompano	PROFESSIONA			ON (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE		-	-		na
d.	<ul> <li>d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>d. Design Engineer for preparation of an FDEP permit application for a deep well injection system to dispose of leac from a regional MSW landfill. Application included design for leachate collection, storage and pretreatment system to injection well disposal. System also includes 3rd party waste handling facilities. Construction permit was award but project has not been implemented.</li> </ul>				leachate		
	(1) TITLE AND LOCATION (City and State)					COMPLETED	
	Water Treatment Concentrate Disposal Inje City of LaBelle, Florida		ing & Design,	PROFESSIONA 200			DN <i>(If applicable)</i> Na
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			dispose of	RO conce		a municipal

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT					
(Comp	plete one Section E i	for each key person.)			
12. NAME	13. ROLE IN THIS CON	TRACT	14. Y	EARS EXPERIENCE	
			a. TOTAL	b. WITH CURRENT FIRM	
Gary A. Yocum	I&C, SCADA and	Electrical Engineering	20	10	
15. FIRM NAME AND LOCATION (City and State)			•	- <b>·</b>	
16. EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLIN					
UofL - BSES - Engineering Science/Electrical Engineering UCF - BSEE - Electrical Engineering		Kentucky - Engineer, Ka Engineer, Georgia - Engi Carolina - Engineer, Wes Engineer	ineer, Vermo	ont - Engineer, North	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

	19. RELEVANT PROJECTS						
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
	Medley Landfill injection well Design, permitting, Construction & Testing -	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
	Medley, FL	2015	2015				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	✓ Check if project perfo	ormed with current firm				
a.	I&C, SCADA and electrical engineering including system design, construction support, SCADA system configuration and						
	operator training.		seen seenigeredeer and				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
	OLI Design, permitting, Construction & Testing - Okeechobee, FL	2009	2009				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project perfo	ormed with current firm				
b.	I&C, SCADA and electrical engineering including system design, constructio						
	operator training.		stem comgutation and				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED				
			CONSTRUCTION (If applicable)				
	Oakland SCADA System Upgrade - Topeka, KS	2016					
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		ormed with current firm				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project perfo	ormed with current firm				
c.	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE SCADA system configuration, startup and checkout and system documentat	Check if project perfo	ormed with current firm				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project perfo	prmed with current firm				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project perfo	ormed with current firm				
с.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project perfo					
с.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SCADA system configuration, startup and checkout and system documentat	Check if project perfo tion - \$35,000	COMPLETED CONSTRUCTION (If applicable)				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SCADA system configuration, startup and checkout and system documentat (1) TITLE AND LOCATION (City and State)	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES	COMPLETED CONSTRUCTION (If applicable)				
c.	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014	COMPLETED CONSTRUCTION (If applicable) 2015				
c. 	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 prmed with current firm				
	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 prmed with current firm				
	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 prmed with current firm				
	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 prmed with current firm				
	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout, system documentation</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo and operator training	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 ormed with current firm - \$150,000				
	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo and operator training	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 ormed with current firm - \$150,000				
	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout, system documentation</li> <li>(1) TITLE AND LOCATION (City and State)</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo and operator training (2) YEAR PROFESSIONAL SERVICES	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 ormed with current firm - \$150,000				
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	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout, system documentation</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>(3) BRIEF DESCRIPTION (City and State)</li> <li>SWA Injection Well Pump Station Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo and operator training (2) YEAR PROFESSIONAL SERVICES 2015 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 ormed with current firm - \$150,000 COMPLETED CONSTRUCTION <i>(If applicable)</i> ormed with current firm				
d.	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout, system documentation (1) TITLE AND LOCATION (City and State)</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SWA Injection Well Pump Station Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>IBRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SWA Injection Well Pump Station Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>I&amp;C and SCADA system design, SCADA system configuration, system startup</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo and operator training (2) YEAR PROFESSIONAL SERVICES 2015 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 ormed with current firm - \$150,000 COMPLETED CONSTRUCTION <i>(If applicable)</i> ormed with current firm				
d.	<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout and system documentat</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>SWA SCADA System Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>SCADA system configuration, startup and checkout, system documentation</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>(1) TITLE AND LOCATION (City and State)</li> <li>(3) BRIEF DESCRIPTION (City and State)</li> <li>SWA Injection Well Pump Station Upgrade - West Palm Beach, FL</li> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> </ul>	Check if project perfo tion - \$35,000 (2) YEAR PROFESSIONAL SERVICES 2014 Check if project perfo and operator training (2) YEAR PROFESSIONAL SERVICES 2015 Check if project perfo	COMPLETED CONSTRUCTION <i>(If applicable)</i> 2015 ormed with current firm - \$150,000 COMPLETED CONSTRUCTION <i>(If applicable)</i> ormed with current firm				

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12	(Con	nplete one Section E		son.)		
12.	NAWE	13. ROLE IN THIS CON	TRACT		a. TOTAL	YEARS EXPERIENCE
	lan R. Froman, EIT	Environmental Engineer			6	1.5
	FIRM NAME AND LOCATION (City and State)					
	S. Sims & Associates Inc., Rockledge, FL	(employee & consu				
16.	EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PRO	DFESSIONAL RE	GISTRATION	(STATE AND DISCIPLINE)
Ba	University of Central Florida Bachelor of Science Civil Engineering 2013 Bachelor of Science Environmental Engineering 2013 NCEES ID 14-295-58					
	OTHER PROFESSIONAL QUALIFICATIONS (Publications, nerican Society of Civil Engineers, HAZWO	PER certified				
		19. RELEVANT I	PROJECTS	1		
	(1) TITLE AND LOCATION (City and State)				. ,	COMPLETED CONSTRUCTION (If applicable)
	Disposal Injection Well - Waste Manageme	ant Ing Okaaahah	oo Elorida	201		n/a
			rionua			-
a	<ul> <li>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE</li> <li>Ingineering Overview on maintenance preformed for deep well injection system to dispose of leachate from a regional MSW landfill. Ultimate facility capacity is 3 MGD. Surface facilities include a leachate pump station with controls &amp; telemetry, 0.5 mile force main, and well-head piping, controls and data communications. Support facilities include Monitoring Well pumps and a stormwater injection pump.</li> </ul>					
	(1) TITLE AND LOCATION (City and State)				(2) YEAR (	COMPLETED
				PROFESSIONA	L SERVICES	CONSTRUCTION (If applicable)
	Disposal Injection Well Tropicana Product		Florida	201	8	n/a
b	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AN On-site Engineer Technician for monitoring citrus processing plant in Florida. Activitie zones, Chlorine field-testing during observ properties	g a deep well dispo s included 24-hr ob	servation for d	treated indu evelopment	strial waste of upper a	nd lower monitoring
	(1) TITLE AND LOCATION (City and State)				. ,	COMPLETED
	Multiple DOT Projects - Civil Project Engin	eer - Data Transfer	Solutions,			CONSTRUCTION (If applicable)
	LLC, Orlando Florida			201		n/a
C	c. (3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Check if project performed with current firm Led training efforts for engineering teams on asphalt (AC) and concrete (PCC) pavement analysis, QA/QC on said analysis, cost estimates on proposed reconstruction/ rehabilitation efforts for moderate to severely damaged roadways, coordinated scheduling (DOT, Public Works, contractors) of roadway analysis with personnel on-site					
	(1) TITLE AND LOCATION (City and State)					COMPLETED
	Field Operations & Logistics Engineer - Da	ata Transfer Solutio	ns, LLC,			CONSTRUCTION (If applicable)
	Orlando Florida			201		n/a
<ul> <li>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</li> <li>Check if project performed with currer Handled in-field training for Mobile Asset Collection (MAC) crews, on-site &amp; remote troubleshooting for specializ equipment, managed daily correspondence with multiple data collection crews, preformed daily GIS coverage a for incoming MAC</li> </ul>						g for specialized
	(1) TITLE AND LOCATION (City and State)				(2) YEAR (	COMPLETED
				PROFESSIONA		CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AN	D SPECIFIC ROLE		Check if	project perfo	rmed with current firm

	# P97000095512 : L. S. SIMS & ASSOCIATES, INC.		Jul 19, 2019 <sup>P</sup> Secretary of State
			0599651901CC
1530 U.S. HIGH ROCKLEDGE,			
Current Mai	ling Address:		
1530 U.S. HI ROCKLEDG	GHWAY 1 E, FL 32955 US		
FEI Number	: 59-3477916		Certificate of Status Desired: Yes
Name and A	ddress of Current Registered Agent:		
SIMS, LAWREN 1297 ROCKLEE ROCKLEDGE, I	DGE DR		
The above named	l entity submits this statement for the purpose of changing its reg	istered office or regis	tered agent, or both, in the State of Florida.
SIGNATURE	E:		
	Electronic Signature of Registered Agent		Date
Officer/Dire	ctor Detail :		
Title	Р	Title	D
Name	SIMS, LINDA K	Name	SIMS, LINDA K
Address	1297 ROCKLEDGE DRIVE	Address	1297 ROCKLEDGE DRIVE
City-State-Zip:	ROCKLEDGE FL 32955	City-State-Zip:	ROCKLEDGE FL 32955
Title	v	Title	т
Name	SIMS, LAWRENCE S	Name	SIMS, LINDA K
Address	1297 ROCKLEDGE DRIVE	Address	1297 ROCKLEDGE DRIVE
City-State-Zip:	ROCKLEDGE FL 32955	City-State-Zip:	ROCKLEDGE FL 32955
Title	D	Title	SECRETARY
Name	SIMS, LAWRENCE S	Name	ANDERSON, VELMA S
Address	1297 ROCKLEDGE DRIVE	Address	1530 U.S. HIGHWAY 1
City-State-Zip:	ROCKLEDGE FL 32955	City-State-Zip:	ROCKLEDGE FL 32955
Title	VICE PRESIDENT OF ENGINEERING		
Name	MAKSYMOW, CYDNEY C		
Address	1530 U.S. HIGHWAY 1		
City-State-Zip:	ROCKLEDGE FL 32955		

2019 FLORIDA PROFIT CORPORATION ANNUAL REPORT

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

SIGNATURE: VELMA ANDERSON	SECRETARY	07/19/2019
Electronic Signature of Signing Officer/Director Detail		Date

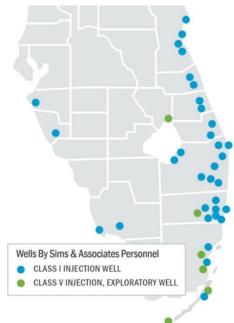
#### FILED Jul 19, 2019 Project No.: 19-9119 Secretary of State 0599651901CC

# L.S. Sims & Associates - Deep Well Injection Experience

L.S. Sims & Associates, Inc. (LSSA) is a client-focused, multi-disciplined, Environmental Consulting Firm located in Rockledge, Florida. The Firm specializes in **Underground Injection Control (UIC) Projects** within the State of Florida. Senior staff has worked on more than 49 **Class I and Class V Injection Well Systems** since 1981. Our experience with deep well technology includes delivery of deep well projects for both **municipal and industrial clients**. We deliver life-cycle services including conceptual and detailed design, permitting, construction management, system start-up, performance monitoring, maintenance.

## Quality - Integrity - Value

Quality, Integrity and Value are the key to the Firms' success and long-term client base. For over 20 years the Company has worked closely with clients to develop **simple, cost-effective, and sustainable environmental solutions** that are accepted by federal, state, and local regulatory agencies. We do this consistently by listening to our clients, thinking projects through to completion, and delivering high quality work through our licensed professional staff and delivery partners. We pledge a personal and collective commitment to **Professional Integrity, Client Satisfaction**, and **Value**.



The firm's capabilities have grown steadily as the Sims have hired licensed and certified associates and developed teaming arrangements with reliable, quality-oriented consulting firms and subcontractors. With a solid foundation as a specialty **Florida Groundwater** and **Environmental Consulting** firm, today LSSA provides turnkey solutions for a long list of industrial, commercial, federal, municipal, and state clients across the southeast US and beyond. **L.S. Sims & Associates – Part of Your Team** 

## L.S. Sims & Associates, Inc. Injection Well Projects Summary

L.S. Sims & Associates - Select Deep Injection Well Experience											
	LSSA - Select Deep Well Injection Projects	Deep well injection systems	South Florida	Permitting	Design above ground	Design Below ground	Monitoring wells	Rehabilitation	МІТ	Groundwater Monitoring Networks	Hydro-Geological Site Investigations
1	Waste Management Medley Landfill - Class I Injection Well - Medley, FL	х	x	Х	X	X				x	х
2	Waste Management – Okeechobee Landfill Class I Exploratory / Injection Well - Okeechobee, FL Permit renewal to allow third-party wastes. Tropicana Products Inc. –1 Class I (Industrial) Injection Well for Citrus Processing Waste Disposal. Ft. Pierce, FL	x	x	x	x	x	x	x	x	x	x
4	Intersil Corporation - Class I Injection Well Testing - Palm Bay, FL	x		x	x	x	x	x	x	x	x
5	Ocean Spray Cranberries - Class I Injection Well Testing - Vero Beach, FL	x	x	X	x	x	x	x	x	x	x
6	City of Labelle - Class V Exploratory Deep Injection Well System- Labelle, FL	x	x	x	x	x	x			x	x
7	City of Pembroke Pines WWTP –2 Class I Injection Wells for domestic effluent disposal - Pembroke Pines, FL	х	x	X	X	X	X	X	x	X	x
8	Plantation Key Colony WWTP –3 Class V Injection Wells – Islamorada, FL		X	X	X	X	х	x	х	x	x
9	St. Lucie West Services District –Class I (Industrial) Injection Well.	Х	X	Х	X	Х	Х	x	Х	X	Х
10	City of Melbourne - Exploratory Well construction & testing - Melbourne, FL	x		x	x	x	x	x	x	x	x
11	Pratt & Whitney - Mechanical Integrity Test (for Blasland Bouk & Lee) - Palm Beach Gardens- West Palm Beach, FL	x					x	x	x		
12	Key Largo - Value engineering evaluation and design of 2 Class I Deep Injection Wells - Key Largo, FL	x	x	x	x	x				x	
13	Brevard County - Permit & construction for new monitor well; MIT & casing / well repair	x		x	x	x	x	x	x	x	x
14	Palm Beach County Solid Waste Authority - 2 Injection Well System – Palm Beach County, FL	x	x	x	x	x	x	x	x	x	x
15	Marco Island, FL - Permtting, design & construction of Class I Injection Well.	x	x	х	x	x	x		x	x	x
16	Collier Co Permitting, design, and construction for 2 Class I Deep Injection Wells.	х	X	X	X	X	Х		Х	X	х

2013 - 2016 City of La Belle Class I Injection Well System City of La Belle La Belle, Florida

L.S. Sims & Associates, Inc. (LSSA) prepared a **Class I Injection Well Construction & Testing Permit Application** on behalf of the City of La Belle and submitted the application to the Florida Department of Environmental Protection (FDEP). The Construction Permit Application Package included **Design** of the **Injection Well System** (two injection wells, monitoring well, pump station, pipeline, drilling pad, and process controls), preparation of the **Drilling and Testing Program** and **Technical Specifications**. The design included installation of a 10-3/4-inch **FRP (Fiberglass Reinforced Plastic) Tubing and Customized Packer Assembly**. The well components were designed to dispose of RO Reject concentrate and secondarily treated domestic effluent. FDEP approved the construction permit application in 2016.

LSSA prepared **Bid Documents** and assisted the City of La Belle in the **Contractor Selection** Process. LSSA was not involved with the project after selection of the Contractor,

2013 - Ongoing Medley Landfill Class I Injection Well System Waste Management, Inc. Medley, Florida

L.S. Sims & Associates, Inc. (LSSA) prepared a Class V Exploratory **Well Construction Permit Application** on behalf of Waste Management and submitted the application to the Florida Department of Environmental Protection (FDEP). The Construction Permit Application Package included **Design** of the **Injection Well System** (injection well, monitoring wells, pump station, pipeline, drilling pad, and process controls), preparation of the **Drilling and Testing Program** and **Technical Specifications.** The design included installation of a 10-3/4-inch **FRP (Fiberglass Reinforced Plastic) Tubing and Customized Packer Assembly**. The well components were designed to dispose of leachate from the Medley Landfill. FDEP approved the construction permit application without a single Request For Additional Information (RFAI).

LSSA prepared **Bid Documents** and assisted Waste Management in the **Contractor Selection** Process. After selection of the Contractor, LSSA staff provided **Construction Oversight** and completed **Aquifer Performance Testing**, **Geophysical Logging**, **Casing Pressure Testing** and **Core Sampling** required by the FDEP construction permit, including the **24-hour Injection Testing** and **Radioactive Tracer Testing** to demonstrate **Mechanical Integrity** of the completed well. During the construction phase of the project, LSSA provided 24-hour **Inspection Services** to ensure the wells were constructed in accordance with the approved Technical Specifications and **Contract Documents**.

After submittal of the **Final Summary Report** and **Operations Manual**, the FDEP approved the well for use during a test injection period. The well was placed into operation in February 2015 and has been successfully disposing of leachate from the landfill at the site. LSSA obtained the initial operation permit and has supervised MIT testing and other operational assistance since that time.



## 2007 - Ongoing Okeechobee Landfill, Inc. Class I Injection Well System Waste Management, Inc. Okeechobee, Florida

L.S. Sims & Associates, Inc. (LSSA) prepared a Class V Exploratory **Well Construction Permit Application** on behalf of the Waste Management, Inc., and submitted it to the FDEP. The Construction Permit Application Package included **Design** of the **Injection Well System** (pump station, pipeline, drilling pad, and process controls), development of the **Drilling and Testing Program** and **Technical Specifications**. The design included installation of a 10-3/4-inch **FRP (Fiberglass Reinforced Plastic) Tubing and Customized Packer Assembly**. The well components were designed to dispose of leachate from the Okeechobee Landfill.



The FDEP issued the Exploratory Well construction Permit in February 2007, just 10 months (vs. typical 12 months) after submittal of the application package. The Permit to construct a dual zone monitoring well was submitted separately as requested by FDEP. After approval of the applications and issuance of the permits, LSSA assisted Waste Management, Inc. in the **Contractor Selection** Process and completed minor permit modifications to allow for an alternate manufacturer for the FRP injection tubing.

After selection of the Contractor, LSSA staff provided **Construction Oversight** and completed the required testing, data collection and data analysis required by the construction permit. During the construction phase of the project, LSSA provided 24-hour **Inspection Services** to ensure the wells were constructed in accordance with the approved Technical Specifications and **Contract Documents.** The construction program also included installation of an underground **HDPE (High Density Polyethylene) Pipeline** from the leachate ponds to the injection well. After submittal of the **Final Summary** Report and **Operations Manual**, the FDEP approved the well for use during a test injection period.

The well was placed into operation in October 2009 and has been successfully disposing of landfill leachate from the landfill. After one year of operational testing, a standard (5-year) operation permit application for a Class I well was submitted and approved. This well was the first one in Florida permitted to accept untreated landfill leachate. In 2013, LSSA prepared a permit renewal application. The permit now allows Waste Management Inc., to accept 3<sup>rd</sup>-party wastes for disposal in the well. LSSA assisted the landfill in permitting each of these waste streams.

2004 -Ongoing Tropicana Citrus Processing Facility, Class I Injection Well System Tropicana Products, Inc. Fort Pierce, FL

L.S. Sims & Associates, Inc. (LSSA) initially conducted a **Feasibility Study** to determine the viability of deep well disposal for the citrus processing waste generated at the Tropicana Ft. Pierce facility. The Tropicana well was designed with **FRP (Fiberglass Reinforced Plastic) Tubing** and customized **Packer Assembly** for disposal of the high BOD waste stream from the processing plant. After approval from Tropicana a **Class I Test Injection Well Construction Permit Application** was submitted to the FDEP. The Construction Permit Application Package



included **Design** of the Injection Well (injection well, monitoring wells, pump station, pipeline, drilling pad, and process controls), preparation of the **Drilling and Testing Program** and **Technical Specifications**.

After approval of the application and issuance of the permit, LSSA assisted Tropicana in the **Contractor Selection** Process. As part of the Bid Selection Process, LSSA pre-qualified potential bidders, prepared **Bid Documents**, held **Pre-Bid Meetings** on site with potential bidders and evaluated bids for Tropicana. After selection of the Contractor LSSA staff provided **Construction Oversight** and completed **Aquifer Performance Testing**. **Geophysical Logging, Casing Pressure Testing** and **Core Sampling** required by the FDEP construction permit, including the



**24-hour Injection Testing** and **Radioactive Tracer Testing** to demonstrate **Mechanical Integrity** of the completed well. LSSA managed construction of the Tropicana Wells at the same time as another Injection Well Construction Project at the St. Lucie West Water Treatment Facility. LSSA provided 24-hour Inspection Services during the construction phase of both projects. Both projects were successfully completed on time and within budget.

2004 -2006 St. Lucie West Water Treatment Facility, Class I Injection Well System St. Lucie West Services District St. Lucie, Florida

L.S. Sims & Associates, Inc. (LSSA) prepared a **Class I Test Injection Well Construction Permit Application** on behalf of the District and submitted it to the FDEP. The Construction Permit Application Package included **Design** of the Injection Well, **Design of a Dual Zone Monitoring Well**, development of the **Drilling and Testing Program** and **Technical Specifications**.



The well was designed with FRP (Fiberglass Reinforced

**Plastic) Tubing** and customized **Packer Assembly** for disposal of **Potable Water By-Product** from the District's **Reverse Osmosis Water Treatment Facility.** During the design phase, LSSA evaluated multiple tubing and casing sizes for the well to minimize construction costs. This required working closely with the District regarding expected discharge volume scenarios to ensure the well wasn't undersized and would allow for future growth in the area.

After approval of the application and issuance of the permit, LSSA assisted the District in the **Contractor Selection Process**. As part of the Bid Selection Process, LSSA pre-qualified potential bidders, prepared **Bid Documents**, held **Pre-Bid Conferences** and evaluated the submitted bids. After selection of the Contractor LSSA staff provided **Construction Oversight** and completed **Aquifer Performance Testing**, **Geophysical Logging**, **Casing Pressure Testing** and **Core Sampling** required by the FDEP construction permit, including the **24-hour Injection Testing** and **Radioactive Tracer Testing** to demonstrate **Mechanical Integrity** of the completed well. The Water Treatment Plant was under construction at the same time as construction of the **Injection Well System**. LSSA coordinated with other Contractors at the site to ensure there were no delays resulting from construction of the wells.

After submittal of the **Final Summary Report** and **Operations Manual** the FDEP approved the well for use during a test injection period. The well was placed into operation in October 2005 and has been successfully disposing of reject water from the newly constructed Reverse Osmosis Water Treatment System at the site. LSSA managed construction of the St. Lucie West Wells at the same time as another Injection Well Construction Project in Ft. Pierce at the Tropicana Products Citrus Processing Facility. LSSA successfully completed both projects on time and within budget.

1997 - 2010 Citrus Processing Facility, Class I Injection Well System Ocean Spray Cranberries, Inc. Vero Beach, FL

L.S. Sims & Associates, Inc. (LSSA) has historically provided support to Ocean Spray Cranberries, Inc. in conjunction with the preparation of **Testing Specifications**, **Bid Documents**, **Contractor Selection**, and **Construction Oversight**, **Sample Collection**, **Well Maintenance**, **MIT (Mechanical Integrity Testing) and Reporting** associated with the **Class I Injection Well System** at the Grapefruit Processing Facility in Vero Beach, Florida.



MIT activities included casing pressure tests, radioactive tracer surveys, temperature surveys and video surveys. Upon successful completion of testing activities performed on the Class I Injection Well, the required documentation of the MIT activities was prepared. LSSA participated in several mechanical integrity tests at the Ocean Spray injection well system in Vero Beach. These activities have included development of specifications for the MIT's, supervision of testing, reporting to FDEP, and re-permitting of the injection well system. The re-permitting involved an **Area of Review** (**AOR**) **Study** for existing wells, regional hydrogeologic setting, monitor well water quality evaluation, and **Injectivity Analysis**.



LSSA assisted Ocean Spray in resolving compliance issues related to its injection well while the company was under an FDEP **Administrative Order**. LSSA supported Ocean Spray in this matter

by demonstrating that injection of **Citrus Processing Wastes** had not caused fluid movement into the Underground Source of Drinking Water. LSSA completed testing to show an increase in biomass and growth of anaerobic nitrogen fixing bacteria in the primary and lower monitoring zones were the likely cause of the increase in Total Kjeldahl Nitrogen (TKN) in 2007. LSSA completed tests and demonstrated the elevated TKN was likely caused by microbial activity within the monitor tubing encrustation, completed **rehabilitation** of the Multi-Zone and Monitoring Well in 2009.



#### 2005 -2006

Plantation Key Colony, Class V Injection Well System Plantation, FL

L.S. Sims & Associates (LSSA) prepared a **Construction and Testing Permit Application** for three **Class V injection Wells.** The wells were designed for disposal of treated effluent from the **Colony Key POTW (Publicly Owned Treatments Works)**. Upon successfully completing the design/permitting process, LSSA assisted in the **Contractor Selection** process. LSSA provided **on site construction and testing supervision** during the installation of the three injection wells and prepared the **Final Report** documenting construction activity and presenting test results. The wells were approved for service by FDEP and placed into service in 2006.



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#### 08/05/19 Accrual Basis

### L.S. Sims & Associates, Inc. Balance Sheet As of June 30, 2019

	Jun 30, 19
ASSETS	
Current Assets	
Checking/Savings Main Checking Account	142,260.00
Total Checking/Savings	142,260.00
Accounts Receivable Accounts Receivable	179,579.73
Total Accounts Receivable	179,579.73
Other Current Assets	
Due from VSA	1,217.25
Employee Advance Inventory Asset	6,000.00 230.39
Total Other Current Assets	7,447.64
Total Current Assets	329,287.37
Fixed Assets	2 545 00
A/D Furniture & Fixtures Building Improvements	2,515.00 34,187.71
Buildings	194,307.00
Computers Hdwe & Software	3,730.36
External Equipment	4,768.73
Furniture & Fixtures	28,778.61
Land	98,000.00
Vehicles	236,501.87
Accumulated Depreciation	-286,992.18
Loan costs, Regions Ioan & loc	7,027.89
Accumulated amortization, loan	-3,923.81
Total Fixed Assets	318,901.18
TOTAL ASSETS	648,188.55
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	00 700 00
Accounts Payable	69,720.90
Total Accounts Payable	69,720.90
Credit Cards	
American Express 3004	12,132.38
B of A - VSA 9889	3,611.34
CHASE SW L SIMS - 0549	16,292.37
	-9,882.02
HOME DEPOT RETAIL CREDIT CARD	-1,369.51 -84.06
STAPLES SUNOCO UNIVERSAL FLEET ONLINE	-855.92
TARGET VISA	-362.72
Total Credit Cards	19,481.86
Other Current Liabilities	
Payroll Tax Liability	
FUTA	-373.50
SUI	-62.25
Total Payroll Tax Liability	-435.75
Total Other Current Liabilities	-435.75
Total Current Liabilities	88,767.01
Long Term Liabilities	
1111 GEIGER - ROOF LOAN	6,160.00
1530 LOC - FBB - 200	80,742.32
Geiger St Mortgage-FBB	152,711.28
Total Long Term Liabilities	239,613.60
Total Liabilities	328,380.61
	0_0,000101

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#### 08/05/19 Accrual Basis

## L.S. Sims & Associates, Inc. Balance Sheet As of June 30, 2019

	Jun 30, 19
Equity	
Additional Paid-in Capital	125,033.51
Capital Stock	100.00
Retained Earnings	166,507.19
Shareholder Distribution	
S/H Medical Exp	-14,564.94
Shareholder Distribution - Other	-81,779.68
Total Shareholder Distribution	-96,344.62
Net Income	124,281.47
Total Equity	319,577.55
OTAL LIABILITIES & EQUITY	647,958.16

Accrual Basis

#### L.S. Sims & Associates, Inc. **Profit & Loss** January through June 2019

Jan - Jun 19

**Ordinary Income/Expense** Income **Professional Fees** 469,321.01 Reimbursed Exp (Income) 204,541.98 Markup Reimb Time & Exp (Inc) 12,410.47 Sales Discounts -0.10 **Total Income** 686,273.36 **Cost of Goods Sold Direct Labor - Job Related** 158,610.56 **Direct Materials - Job Related** 6,042.10 **Direct Subcontracted Services Drilling Contractor** 17,186.00 **Engineering Subcontractor** 1.207.88 Laboratory Contractor 40,689.60 55,033.44 (1099) Other Subcontractors **Direct Subcontracted Services - Other** 300.00 114,416.92 **Total Direct Subcontracted Services Direct Telephone** 2,611.46 **Direct Travel Expenses** Per Diem 7,148.16 **Transportation Expense** 37.49 Vehicle Mileage - Job Related 1,081.95 **Total Direct Travel Expenses** 8,267.60 **Direct Utilites** 5,396.49 21,872.46 Equipment Rental **Reimburseable Job Costs** 5,430.93 **Small Tools & Supplies** 54.53 **Total COGS** 322,703.05 **Gross Profit** 363,570.31 Expense **AUTO EXPENSE - ADMIN** Auto Expense 2018 Telsa 3 47.13 Auto Insurance 7,834.05 Gas/Fuel 2,407.30 1,780.80 Auto Expense 2013 Ford Cargo Va Auto Expense 2006 BMW 592.74 Auto Expenses 2010 Dodge Ram 445.07 Auto Expense 2002 Ford F150 1,252.43 Auto Expense 2005 Ford Ranger 198.58 **Boat Expense** 920.70 **Tolls & Parking** 1,486.85 **Total AUTO EXPENSE - ADMIN** 16,965.65 BUSINESS EXPENSE **Advertising and Promotion** 1,158.20 Bank Service Charges -115.04 **Business Licenses and Permits** 200.75 **Charitable Contributions** 29.00 **Computer and Internet Expenses** 5,082.87 1,921.92 **Dues and Subscriptions** Job Expense 575.35 Legal & Accounting 1,900.00 Marketing Expense 759.25 Meal Expense 2,875.69 **OFFICE EQUIPMENT RENTAL/LEASING** ImageNet Consulting of Vero Bea 4,504.20 350.54 **Pitney Bowes Total OFFICE EQUIPMENT RENTAL/LEASING** 4,854.74 7,845.97 **Office Supplies & Services** Postage and Delivery 40.16 5,041.60 **Property Taxes Expense** 9,389.58 Travel **Total BUSINESS EXPENSE** 41,560.04

4:17 PM

#### 08/05/19 Accrual Basis

### L.S. Sims & Associates, Inc. Profit & Loss January through June 2019

	Jan - Jun 19
EMPLOYEE EXPENSES	
Healthcare Ins - Shareholder	4,184.70
Gross Wages	73,455.12
Employee Bonus	3,789.94
Vacation/Sick Pay	15,272.55
Payroll Taxes Expense	
FUTA	0.00
Medicare	3,475.88
Social Security	14,862.50
SUI	0.00
Total Payroll Taxes Expense	18,338.38
Health Insurance	11,047.26
Worker's Compensation	1,322.00
Continuing Education	62.98
Life and Disability Insurance	3,201.30
Payroll Admin Fees/Del Fees	873.90
Total EMPLOYEE EXPENSES	131,548.13
Field Supplies INSURANCE EXPENSE	235.60
Gen. & Prof.Liability Insurance	13,170.80
Property Insurance	3,826.86
Total INSURANCE EXPENSE	16,997.66
<b>REPAIRS &amp; MAINTENANCE</b>	
External Equipment Repair	600.00
Facilities Repair	20,271.55
Landscaping/Pest Control	588.28
	21,459.83
Uniform	484.86
UTILITIES	404.00
Electricity	4,174.61
Telephone Expense	2,656.10
Water	1,165.03
	237,247.51
Net Ordinary Income	126,322.80
Other Income/Expense	
Other Expense Interest Expense	2,041.33
Total Other Expense	2,041.33
Net Other Income	-2,041.33
Net Income	124,281.47

ACORD	

## **CERTIFICATE OF LIABILITY INSURANCE**

C B	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.								
th	IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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								
	ertificate holder in lieu of such endorse	emen	t(s).			T			
-					NAME: PHONE	KINDELT	-	FAX	
	V. Edens & Company				(A/C, No		383-4554	(A/C, No): (321)383	-4523
P.C	). Box 278				ADDRES	ss: kbacon@	jwedens.co	m	
						INS	URER(S) AFFOR	DING COVERAGE	NAIC #
Tit	usville FL 327	81-0	278		INSURE	RA: Evansto	on Insuran	ce Company	35378
INSU	IRED				INSURE	R в : Employe	ers Prefer	red Insurance	10346
ь.	S. Sims & Associates, Inc.				INSURE	RC:Scottsd	lale Ins C	0	41297
153	30 US Highway 1				INSURE	RD:			
					INSURE	RE:			
Roc	kledge FL 329	55			INSURE	RF:			
CO	VERAGES CER	TIFIC	ATE	NUMBER:CL19328083	88			REVISION NUMBER:	
IN CI	HIS IS TO CERTIFY THAT THE POLICIES OF IDICATED. NOTWITHSTANDING ANY REQU ERTIFICATE MAY BE ISSUED OR MAY PERT XCLUSIONS AND CONDITIONS OF SUCH PO	IREM TAIN, T	ENT, 1 THE IN	FERM OR CONDITION OF AN	NY CONT THE POL	RACT OR OTH	IER DOCUMEI BED HEREIN I	NT WITH RESPECT TO WHICH THIS	
INSR		ADDL	SUBR			POLICY EFF	POLICY EXP	LIMITS	
LTR	X COMMERCIAL GENERAL LIABILITY	INSD	WVD	POLICY NUMBER		(MM/DD/YYYY)	(MM/DD/YYYY)	EACH OCCURRENCE \$	1,000,000
А	CLAIMS-MADE X OCCUR							DAMAGE TO RENTED	100,000
~	X Professional Liability			MKLV2ENV101020		1/14/2019	1/14/2020	PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$	10,000
	X Contractors Pollution					_,,	2, 21, 2020	PERSONAL & ADV INJURY \$	1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$	3,000,000
									3,000,000
								PRODUCTS - COMP/OP AGG \$ Pollution Liability \$	1,000,000
	OTHER:							COMBINED SINGLE LIMIT	1,000,000
								(Ea accident) BODILY INJURY (Per person) \$	
	ANY AUTO							BODILY INJURY (Per accident) \$	
	AUTOS AUTOS NON-OWNED							PROPERTY DAMAGE	
	HIRED AUTOS							(Per accident) \$	
				FOLLOW FORM				EACH OCCURRENCE \$	10,000,000
A								AGGREGATE \$	10,000,000
	DED RETENTION \$			MKLV2EFX100279		1/14/2019	1/14/2020	\$ ▼ PER OTH-	
	AND EMPLOYERS' LIABILITY Y / N							A STATUTE ER	
L.		N/A				0/08/0016		E.L. EACH ACCIDENT \$	1,000,000
в	(Mandatory in NH)			EIG247056802		2/27/2019	2/27/2020	E.L. DISEASE - EA EMPLOYEE \$	1,000,000
	DÉSCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT \$	1,000,000
С	Inland Marine			CPS2852008		8/15/2018	8/15/2019	Rented/Leased Equipment	\$25,000
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHICLES			1. Additional Remarks Schedule m	av he atte	ched if more snow	ce is required)		
2200		0 (100		r, Additional Remarks Concure, II	ay be all	ioneu il more opu	se is required)		
CE	RTIFICATE HOLDER				CANC	ELLATION			
	For Proposal Purposes				THE	EXPIRATION D	ATE THEREOF	SCRIBED POLICIES BE CANCELLEI 7, NOTICE WILL BE DELIVERED IN 7 PROVISIONS.	D BEFORE
					AUTHO	RIZED REPRESEN	ITATIVE	. <->	
					J. Wa	yne Edens	/KIM	Avar	5

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(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)				20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION (City and State)			22. YEAR	COMPLETED
		PROFESSIONA	L SERVICES	CONSTRUCTION (If applicable)
City of La Belle WWTP IW System				2009
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER b. POINT OF CONTACT NAME			c. POINT OF C	ONTACT TELEPHONE NUMBER
City of La Belle	Ms. Gayle Murray Doyle		(56)	1) 346-7833

L.S. Sims & Associates was contracted by Murray Consultants, Inc. to prepare a **Class V Exploratory Well Construction Permit Application** on behalf of the City of La Belle and submitted it to the FDEP. The Construction Permit Application Package included **design** of the Injection Well (design and permitting of a dual zone monitor well for the injection system was accomplished under a separate permit), development of the **drilling and testing program and technical specifications**. After approval of the application the permit was issued by FDEP. L.S. Sims & Associates assisted Murray Consultants, Inc. and the City of La Belle in the Contractor Selection Process after which, L.S. Sims & Associates was not involved in the project. Consulting and design fees for this project were \$60,000.

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME L.S. Sims & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Rockledge, FL	(3) ROLE Project Hydrogeologist		
b.	(1) FIRM NAME REM Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Cocoa, Florida	(3) ROLE Engineering design		
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		

F. EXAMPLE PROJECTS QUALIFI (Present as many projects as re Complete	20. EXAMPLE PROJECT KEY NUMBER 4				
21. TITLE AND LOCATION (City and State)		22. YE	22. YEAR COMPLETED		
Tropicana Products, Inc. Inject	ion Well System,	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)		
Fort Pierce, FL		2019	2005		
	23. PROJECT OWNER'S INFORM	ATION			
a. project owner Tropicana	b. point of contact name Mr. Scott Davis, P.E.		F CONTACT TELEPHONE NUMBER 465-2030 ext 443		
riopiculiu	WII. DOUL DUVIS, I.L.	(112)	105 2050 CAL 445		

L.S. Sims & Associates, Inc. initially conducted a **Feasibility Study** to determine the viability of deep well disposal for the citrus processing waste generated at the Tropicana Ft. Pierce facility. After approval from Tropicana a **Class I Test Injection Well Construction Permit Application** was submitted to the FDEP. The Construction Permit Application Package included **design** of the Injection Well, **design** of a dual zone monitor well, development of the **drilling and testing program** and **technical specifications**. After approval of the application and issuance of the permit, L.S. Sims & Associates assisted Tropicana in the **Contractor Selection Process**. As part of the Bid Selection Process, L.S. Sims & Associates pre-qualified potential bidders, **prepared bid documents** and **evaluated bids** for Tropicana. After selection of the **Contractor L.S.** Sims & Associates staff provided **construction oversight** and completed the **well testing, geophysical logging and sampling** as required by the FDEP well construction permit. After submittal of the **Final Summary Report** and **Operations Manual** the FDEP approved the well for use during a test injection period. The well was placed into operation in November 2005. L.S. Sims & Associates staff are currently providing operations support for this system. Construction budget included approximately \$550,000 in fees with 4,000,000 in construction costs.

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
a.	L.S. Sims & Associates, Inc.	Rockledge, Fl	Project Hydrogeologist		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
b.	REM Associates, Inc.	Cocoa, FL	Engineering		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
c.	WSW Engineering, Inc.	Cocoa, FL	Instrumentation & Controls		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
d.					
_	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
e.					
_	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
f.					

F. EXAMPLE PROJECTS WHICH BES QUALIFICATIONS FO (Present as many projects as requested by to Complete one Section	20. EXAMPLE PROJECT KEY NUMBER NA			
21. TITLE AND LOCATION (City and State)	-	22. YEAR COMPLETED		
Medley Landfill, Inc. Class I Injection Well	System	PROFESSIONA	L SERVICES	CONSTRUCTION (If applicable)
		2019		2015
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER b. POINT C	F CONTACT NAME		c. POINT OF C	ONTACT TELEPHONE NUMBER
Waste Management of Florida, Inc. Nie	ck Khoury, P.E.		(954	956-2215

L.S. Sims & Associates, Inc. prepared a Class I Injection Well Construction & Testing Permit Application on behalf of the Medley Landfill (MLF) and submitted it to the FDEP. The Construction Permit Application Package included design of the Injection Well and a dual zone monitor well for the injection well system, development of the drilling and testing program and technical specifications. After approval of the application and issuance of the permit, L.S. Sims & Associates assisted MLF in the **Contractor Selection Process**. As part of the Bid Selection Process, L.S. Sims & Associates pre-qualified potential bidders, **prepared bid documents** and **evaluated bids** for MLF. After selection of the **well testing, geophysical logging and sampling** as required by the FDEP well construction permit. After submittal of the **Final Summary Report** and **Operations Manual** the FDEP approved the well for use during a test injection period. The well was placed into service in February 2015. L.S. Sims & Associates staff are currently providing additional operations support for this system. Construction budget included \$700,000 in fees and \$6,500,000 in construction costs.

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
a.	L.S. Sims & Associates, Inc.	Rockledge, Fl	Project Hydrogeologist		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
b.	REM Associates, Inc.	Cocoa, FL	Civil Engineering		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
c.	WSW Engineering, Inc.	Cocoa, FL	Instrumentation & Controls		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
d.					
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
e.					
_	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
f.					

STANDARD FORM 330 (6/2004) PAGE 3

F. EXAMPLE PROJECTS WHICH BEST QUALIFICATIONS FO (Present as many projects as requested by th Complete one Section	20. EXAMPLE PROJECT KEY NUMBER		
21. TITLE AND LOCATION (City and State)		22. YEAR C	COMPLETED
	PROFESSION	IAL SERVICES	CONSTRUCTION (If applicable)
Monarch Hill Landfill 2016			2016
23. PRO	JECT OWNER'S INFORMATION		
a. PROJECT OWNER b. POINT OF	CONTACT NAME	c. POINT OF CC	NTACT TELEPHONE NUMBER
Waste Management, Inc. of Florida Nic	k Khoury	(954	) 956-2215

L.S. Sims & Associates was contracted by Waste Management, Inc. of Florida to prepare a **Class I Injection Well Construction & Testing Permit Application** on behalf of the Monarch Hill Landfill and was submitted to the FDEP. The Construction Permit Application Package included **design** of the Injection Well and a dual zone monitor well, development of the **drilling and testing program and technical specifications**. After draft approval of the application by FDEP, Waste Management Inc. of Florida withdrew the permit application after a swap agreement was reached between Waste Management and Broward County (exchange sludge disposal at the landfill for leachate disposal at a nearby POTW) and in response to public pressure. Consulting and design fees for this project were \$60,000.

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.			<ul> <li>Book (Montagener)</li> </ul>
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	L.S. Sims & Associates, Inc.	Rockledge, FL	Project Hydrogeologist
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	REM Associates, Inc.	Cocoa, Florida	Engineering design
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.			
			10.0015
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.		17	
_	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.			

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

F. EXAMPLE PROJEC QUAL (Present as many projects as Comp.	20. EXAMPLE PROJECT KEY NUMBER NA		
21. TITLE AND LOCATION (City and State)		AR COMPLETED	
Medley Landfill, Inc. Class	Injection Well System	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2019	2009
	23. PROJECT OWNER'S INFO	RMATION	
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OI	CONTACT TELEPHONE NUMBER
Okeechobee Landfill, Inc.	Tony Bishop	(8)	63) 357-0824

L.S. Sims & Associates, Inc. prepared a Class V Injection Well Construction & Testing Permit Application on behalf of the Okeechobee Landfill (MLF) and submitted it to the FDEP. The Construction Permit Application Package included design of the Injection Well (design and permitting of a dual zone monitor well for the injection system was accomplished under a separate permit), development of the drilling and testing program and technical specifications. After approval of the application and issuance of the permit, L.S. Sims & Associates assisted OLI in the Contractor Selection Process. After selection of the Contractor L.S. Sims & Associates staff provided construction oversight and completed the well testing, geophysical logging and sampling as required by the FDEP well construction permit. A Class I injection well permit was obtained after testing verified the presence of confinement to facilitate injection testing and join the deep monitor well and injection well into the same permit. After submittal of the Final Summary Report and Operations Manual the FDEP approved the well for use during a test injection period. The well was placed into operation in October 2009 and has been successfully disposing of landfill leachate from the landfill at the site since. Mechanical integrity testing and other operational support continues. Original Construction costs included \$600,000 in fees and 4,500,000 contractor expense.

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
a.	L.S. Sims & Associates, Inc.	Rockledge, Fl	Project Hydrogeologist		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
b.	REM Associates, Inc.	Cocoa, FL	Civil Engineering		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
c.	WSW Engineering, Inc.	Cocoa, FL	Instrumentation & Controls		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
d.					
			100 001 5		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
e.					
-	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
f					



#### FIRM PROFILE

#### Introduction

L.S. Sims & Associates, Inc. (LSSA) has been in business in Brevard County for 16 years providing geology, hydrogeology and engineering consulting to government and industry in the southeast though primarily Florida. Our primary office is in Rockledge Florida. LSSA has 10 employees and would deliver 100% of its services to Brevard County from its Rockledge office although a field office would be established in the City of Hollywood for the duration of the project.

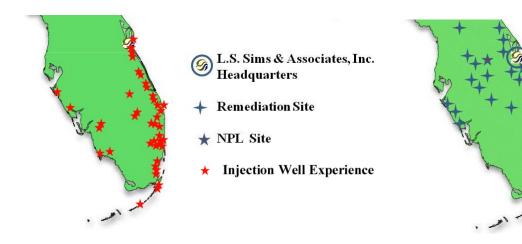
#### Services

L.S. Sims & Associates specializes in environmental consulting services. Our primary practice areas include:

- environmental assessment & remediation;
- underground injection control;
- water resources; and
- environmental health & safety compliance and management systems

We provide a comprehensive array of scientific, engineering, construction supervision and operations services to help our clients achieve their goals, including **all the services requested by the City of Hollywood** in **PROJECT NO. 19-9119**. Our cover letter to this RFQ illustrates our understanding of the specific discipline of services requested under this continuing contract. Our senior staff have participated in some or all phases of the design, permitting, and construction supervision of 49 Class I Injection well systems in Florida.

No one knows Florida hydrogeology like LSSA. We have completed soil, groundwater, and site assessments and developed and implemented groundwater assessment and monitoring programs throughout the Florida peninsular as shown below.





#### Background

Lawrence (Larry) S. Sims, P.G. and business partner Linda K. Sims founded L.S. Sims & Associates in 1994 in Melbourne, Florida. Prior to co-founding the company in 1994, Mr. Sims was the Melbourne office manager for one of the country's most prestigious groundwater firms (Geraghty & Miller). The company was incorporated in Melbourne in November 1997. The firm moved to Melbourne Beach, Florida in 1998, and to our current location in Rockledge in January 2002. LSSA opened our Huntsville, Alabama office in 2009 in response to environmental planning and groundwater monitoring projects for the U.S. Army Garrison at Redstone Arsenal. Over the years, our company's capabilities have grown steadily as the Sims have hired licensed and certified associates and developed teaming arrangements with reliable, quality-oriented consulting firms and subcontractors.

LSSA has a long list of clients and projects in south Florida, including a variety of water and government agencies. A partial list of our injection well clients is presented below:

Waste Management, Inc. of Florida	Renesas Electronics Corp of America
City of La Belle	Orlando Sentinel
City of Melbourne	Tropicana Manufacturing Co.

The principals and senior technical personnel have been performing environmental consulting services for over 30 years. Many of our senior professionals have worked for some of the largest and most prestigious environmental consulting firms in the country. L.S. Sims & Associates, Inc. offers this expertise at much lower rates than our larger competitors. LSSA is a small, woman-owned business with 10 employees.

We have cultivated important relationships with state and local regulators. Our credibility with these and other state and local regulatory agencies has been earned through a multi-disciplinary approach, scientific integrity, quality work products, and extensive interaction. This close attention to detail and working relationships can also be illustrated by the fact that LSSA has not been party to any litigation since the company started in 1994. The firm has no settled or pending litigation.

Details of recent relevant injection well expertise is shown in resumes of staff expected to participate in the project. Project Management will be provided by J.E. McGrath, P.G. with experience at almost 40 Class I injection wells. Lawrence Sims, P.G. has similar experience with injection well construction & testing is available to assist at any time during the project. If LSSA is selected, Dylan Froman, EIT will be participating in the construction supervision on this project. Mr. Froman has worked on two injection well projects assisting with operational issues associated with permit compliance and permit renewals.

LSSA and its primary subcontractors REM Associates, Inc. and WSW Engineering, Inc., have a proven track record for successfully handling complex UIC projects in south Florida. Roger Mayfield, P.E. with REM Associates, Inc. provides the civil/mechanical engineering and design portions of injection well system, including the as-built drawings, pipelines and pumping station designs while Gary Yocum, P.E. WSW Engineering, Inc. provides the electrical engineering for instrumentation and control of the various injection well systems we have designed, constructed and permitted during the last 16-years.



The most unique feature of our approach to management of injection well construction and testing projects is utilizing senior level professional supervision on site during all key portions of construction and testing. Whenever a critical decision is made, 24 hours per day, 7 days per week, our decision makers are onsite. There is no delay waiting for command decisions based on Emails or Faxes. That's approach results in saved time, and money.

We work closely with our clients to develop simple, cost-effective and sustainable solutions that are accepted by federal, state and local regulatory agencies. We do this consistently by listening to our clients, thinking projects through to completion and delivering high-quality work through our licensed professional staff and delivery partners. During construction of an injection well, weekly reports are prepared to present the results of testing and a summary of activities during the week. It is often desired, though not necessary, to attend a weekly progress meeting. Typically, our field supervisor or the project manager will attend these meeting to keep City staff up to date on progress and answer questions that may arise. Municipal staff support is typically limited to hosting these meetings if a meeting is required. We pledge a personal and collective commitment to customer satisfaction and value. Our work under this contract will be performed with one over-riding focus – the City of Hollywood's satisfaction.



#### LITIGATION

As required in the above-referenced Request for Proposal (PUR-RFP-12-9), L.S. Sims & Associates (LSSA) hereby identifies all litigation and/or pending litigation, legal action (including arbitration, administrative proceedings, etc.), or lawsuits during the last five (5) years involving a client for claims.

To date, L.S. Sims & Associates has not been a party to any legal actions (filed or pending) during the last five (5) years.