

ORIGINAL



A GRANITE COMPANY



Prepared For: City of Key West, Office of the City Clerk,
1300 White Street, Key West, Florida 33040

Bid Name: City of Key West WWTP Well System
Mechanical Integrity Testing, ITB 24-005

Bid Dated: January 31, 2024

Bid Due Time:

PROPOSAL BY:
Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
PH: 239.275.1029 FX: 239.275.1025
www.layne.com



Layne
 5741 Zip Drive.
 Fort Myers, FL 33905
 760-859-0873
tim.cechini@gcinc.com
www.layne.com
www.graniteconstruction.com

1/31/2024

Elizabeth Ignoffo
 Permit Engineer
 Utilities Department
 1300 White Street
 Key West, Florida 33040

Re: ITB 24-005 CITY OF KEY WEST WWTP WELL SYSTEM MECHANICAL INTEGRITY TESTING

Bid Date: January 31st, 2024 TIME: 3:00PM

Ms. Ignoffo,

Layne Christensen Company is pleased to submit the attached proposal for the above referenced project. Layne is a global water management, construction company. We provide responsible solutions for the world's most challenging water, mineral, and energy challenges. Our integrated approach allows us to offer more than just individual services. It ensures streamlined communications, expedited timelines, and a constant focus on our overriding values of safety, sustainability, integrity, and excellence.

Layne has a strong commitment to providing a safe and productive workplace. Our emphasis on health and safety encompasses developing site-specific safety plans, and is designed to identify, evaluate, and control health and safety hazards for the purpose of protecting employees as well as all onsite personnel.

We hope that you find this proposal acceptable and look forward to working with you.

Please see below schedule of values for the above referenced project.

If you have any questions or need any additional information, please feel free to contact us at (239) 275-1029

Cost to Perform Mechanical Integrity Testing				
Line Item	UOM	AMT	\$/Unit	Total
Mobilize / Demobilize	LS	1	\$60,000.00	\$60,000.00
Conduct Video Survey	EA	2	\$17,000.00	\$34,000.00
Perform Packer Pressure Testing	EA	2	\$52,000.00	\$104,000.00
Conduct Geophysical Logging, HRT and RTS	EA	2	\$28,000.00	\$56,000.00
Grand Total				\$254,000.00

Respectfully,

Tim Cechini
 Area Manager



Bid Forms & Requirements

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239-275-1029
Fax: 239-275-1025
www.layne.com



A GRANITE COMPANY

NOTE TO BIDDER: Use preferably BLACK ink for completing this Bid form.

BID FORM

To: The City of Key West, Florida
Address: 1300 White Street, Key West, Florida 33040
Project Title: CITY OF KEY WEST WWTP WELL SYSTEM MECHANICAL INTEGRITY TESTING, ITB 24-005

Bidder's person to contact for additional information on this Bid:

Company Name: Layne Christensen Company

Contact Name & Telephone: Timothy Cechini - Office- 239-275-1029 / Cell: 760-859-0873

Email Address: tim.cechini@gcinc.com

BIDDER'S DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Bid is made without any connection or collusion with any person submitting another Bid on this Contract.

The Bidder further declares that he has carefully examined the Contract Documents for the construction of the project, that he has personally inspected the site, that he has satisfied himself as to the quantities involved, including materials and equipment, and conditions of work involved, including the fact that the description of the quantities of work and materials, as included herein, is brief and is intended only to indicate the general nature of the Work and to identify the said quantities with the detailed requirements of the Contract Documents, and that this Bid is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Bid.

CONTRACT EXECUTION AND BONDS

The Bidder agrees that if this Bid is accepted, he will, within 10 days, not including Sundays and legal holidays, after Notice of Award, sign the Contract in the form annexed hereto, and will at that time, deliver to the CITY evidence of holding required licenses and certificates, and will, to the extent of his Bid, furnish all machinery, tools, apparatus, and other means of construction and do the work and furnish all the materials necessary to complete all work as specified or indicated in the Contract Documents.

Payment for materials and equipment authorized by the CITY in a written Change Order, but not listed in the Schedule of Values, will be provided at supplier's invoice plus fifteen (15) percent.

List items to be performed by CONTRACTOR's own forces and the estimated total cost of these items. (Use additional sheets, if necessary.)

None

SUBCONTRACTORS

The Bidder further proposes that the following subcontracting firms or businesses will be awarded subcontracts for the following portions of the work, if the Bidder is awarded the Contract:

Name

Street City State Zip

None

Name

Street City State Zip

Name

Street City State Zip

SURETY

_____ whose address is
_____ whose address is
Street City State Zip

*See Attached
List of Surety Agencies*

BIDDER

The name of the Bidder submitting this Bid is Layne Christensen Company
_____ doing business at
5741 Zip Drive Fort Myers Florida 33905
Street City State Zip

which is the address to which all communications concerned with this Bid and with the Contract shall be sent.

The names of the principal officers of the corporation submitting this Bid, or of the partnership, or of all persons interested in this Bid as principals are as follows:

Name/Title

*See Attached
LCC Officers*

If Sole Proprietor or Partnership

IN WITNESS hereto the undersigned has set his (its) hand this _____ day of _____, 20__.

MIA

Signature of Bidder

Title

If Corporation

IN WITNESS WHEREOF the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this 31 day of January _____, 2024.

(SEAL)



Layne Christensen Company
Name of Corporation

By: *[Signature]*

Title: Timothy Cechini - Area Manager

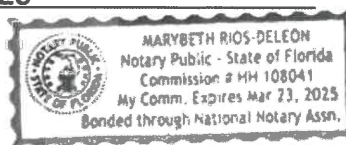
Attest: *[Signature]*
~~Secretary~~ - Witness- Ethan Nieves

Sworn and subscribed before this 31 day of January _____, 2024

NOTARY PUBLIC, State of Florida _____, at Large

My Commission Expires: March 23, 2025

Marybeth Rios-DeLeon
Marybeth Rios-DeLeon



FLORIDA BID BOND

BOND NO. N/A

AMOUNT: \$ Five (5%) of Bid Amount

KNOW ALL MEN BY THESE PRESENTS, that Layne Christensen Company

hereinafter called the PRINCIPAL, and Travelers Casualty and Surety Company of America

a corporation duly organized and existing under laws of the State of Connecticut

having its principal place of business at 1 Tower Square Hartford, CT 06183

in the State of Connecticut ,

and authorized to do business in the State of Florida, as SURETY, are held and firmly bound unto

City of Key West

hereinafter called the OBLIGEE, in the sum of: Five Percent (5%) of Bid Amount

Dollars (\$ 5% of Bid Amount), for the payment for which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these present.

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS, the PRINCIPAL is herewith submitting his or its Bid Proposal for **ITB 24-005, CITY OF KEY WEST WWTP WELL SYSTEM MECHANICAL INTEGRITY TESTING**, said Bid, by reference thereto, being hereby made a part hereof.

WHEREAS, the PRINCIPAL contemplates submitting or has submitted a bid to the OBLIGEE for the furnishing of all labor, materials (except those to be specifically furnished by the CITY), equipment, machinery, tools, apparatus, means of transportation for, and the performance of the work covered in the Bid and the Contract Documents, entitled:

ITB 24-005, CITY OF KEY WEST WWTP WELL SYSTEM MECHANICAL INTEGRITY TESTING

WHEREAS, it was a condition precedent to the submission of said bid that cash, cashier's check, certified check, or bid bond in the amount of five (5) percent of the base bid be submitted with said bid as a guarantee that the Bidder would, if awarded the Contract, enter into a written Contract with the CITY for the performance of said Contract, within 10 working days after written notice having been given of the award of the Contract.

NOW, THEREFORE, the conditions of this obligation are such that if the PRINCIPAL within 10 consecutive calendar days after written notice of such acceptance, enters into a written Contract with the OBLIGEE and furnishes the Performance and Payment Bonds, each in an amount equal to 100 percent of the base bid, satisfactory to the CITY, then this obligation shall be void; otherwise the sum herein stated shall be due and payable to the OBLIGEE and the Surety herein agrees to pay said sum immediately upon demand of the OBLIGEE in good and lawful money of the United States of America, as liquidated damages for failure thereof of said PRINCIPAL.

Signed and sealed this 26th day of January 20 24 .

PRINCIPAL Layne Christensen Company

By Timothy Cechini - Area Manager STATE OF Florida)
COUNTY OF Lee : SS

Travelers Casualty and Surety Company of America
SURETY

By Jessica Rosser
Jessica Rosser, Attorney-In-Fact

By Margaret A. Ginem
Margaret A. Ginem, Florida Resident Agent
License # P121741



ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of TEXAS
County of Dallas)

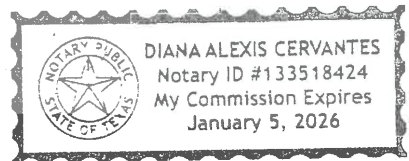
On Jan 26, 2024 before me, Diana Alexis Cervantes, Notary Public
(insert name and title of the officer)

personally appeared Jessica Rosser =====,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of TEXAS that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Diana Cervantes (Seal)





**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY


KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Jessica Rosser** of **DALLAS**, **Texas**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, **2021**.



State of Connecticut

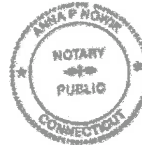
City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, **2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, **2026**




Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **26th** day of **January**, **2024**.




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**

FLORIDA DEPARTMENT OF FINANCIAL SERVICES

MARGARET ANN GINEM

License Number : P121741

Resident Insurance License

● 0220 - GENERAL LINES (PROP & CAS)

Issue Date

11/15/2012

Please Note:

A licensee may only transact insurance with an active appointment by an eligible insurer or employer. If you are acting as a surplus lines agent, public adjuster, or reinsurance intermediary manager/broker, you should have an appointment recorded in your own name on file with the Department. If you are unsure of your license status you should contact the Florida Department of Financial Services immediately. This license will expire if more than 48 months elapse without an appointment for each class of insurance listed. If such expiration occurs, the individual will be required to re-qualify as a first-time applicant. If this license was obtained by passing a licensure examination offered by the Florida Department of Financial Services, the licensee is required to comply with continuing education requirements contained in 626.2815 or 648.385, Florida Statutes. A licensee may track their continuing education requirements completed or needed in their MyProfile account at <https://dife.fdfs.com>. To validate the accuracy of this license you may review the individual license record under "License Search" on the Florida Department of Financial Services website at <http://www.MyFloridaCFO.com/Division/Agents>



Jimmy Patronis
Chief Financial Officer
State of Florida

**CITY OF KEY WEST, FLORIDA NON-COLLUSION DECLARATION AND COMPLIANCE
WITH 49 CFR §29.**

I, Timothy Cechini, hereby declare that
(NAME)
I am Area Manager of Layne Christensen Company
(TITLE) (FIRM)
of Fort Myers, Florida 33905
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, case or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
5. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
6. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
7. I certify that, except as noted below, neither firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of funds:
 - a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;
 - b) has within a three-year period preceding this certification been convicted of or had a civil judgement rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract, violation of Federal or State antitrust statutes; or commission of embezzlement, theft, bribery, falsification or destruction of records, making false statements or receiving stolen property;
 - c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State, or local government entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

- d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.
- 8. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vender who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (8), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

None

(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action.

Providing false information may result in criminal prosecution and/or administrative sanctions.)

I declare under penalty of perjury that the foregoing is true and correct.

CONTRACTOR: (Seal)

Layne Christensen Company



BY: Timothy Cechini - Area Manager
NAME AND TITLE PRINTED

WITNESS: *Ethan Nieves*
Ethan Nieves

BY: *[Signature]*
SIGNATURE

WITNESS: *[Signature]*
Carl Wittenborn

Executed on this 31 day of January, 2024.

FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE

SUSPENSION AND DEBARMENT CERTIFICATION
CERTIFICATION REGARDING DEBARMENTS, SUSPENSION, INELIGIBILITY AND
VOLUNTARY EXCLUSION - LOWER TIER FEDERALLY FUNDED TRANSACTIONS

1. The undersigned hereby certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2. The undersigned also certifies that it and its principals:
 - a. Have not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - b. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 2.(a.) of this Certification; and
 - c. Have not within a three-year period preceding this certification had one or more public transactions (Federal, State or local) terminated for cause or default.

3. Where the undersigned is unable to certify to any of the statements in this certification, an explanation shall be attached to this certification.

Dated this 31 day of January, 2024.


By: [Signature]
Authorized Signature/Contractor
Timothy Cechini - Area Manger
Name/Title
Wayne Christensen Company
Contractor's Firm Name

5741 Zip Drive
Address

Fort Myers, Florida 33905

SWORN STATEMENT UNDER SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid or Proposal for City of Key West

2. This sworn statement is submitted by Layne Christensen Company
(Name of entity submitting sworn statement)
whose business address is 5741 Zip Drive, Fort Myers, Florida 33905
_____ and (if applicable) its Federal Employer
Identification Number (FEIN) is 48-0920712

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn
statement _____)

3. My name is Timothy Cechini
(Please print name of individual signing)
and my relationship to the entity named above is Area Manager

4. I understand that a “public entity crime” as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any bid or contract for goods or services to be provided to any public or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.

5. I understand that “convicted” or “conviction” as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an “affiliate” as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term “affiliate” includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm’s length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a “person” as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services

let by a public entity, or which otherwise transacts or applies to transact business with public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

_____ There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

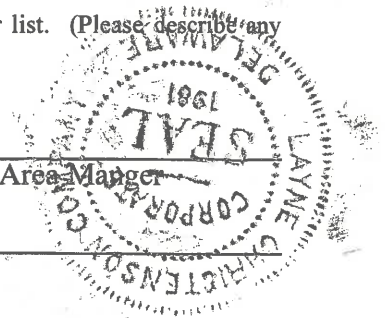
_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

_____ The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)



(Signature) Timothy Cechini - Area Manager

January 31, 2024
(Date)



STATE OF Florida

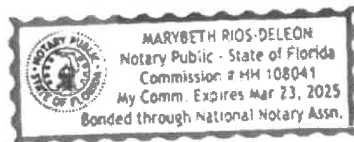
COUNTY OF Lee

PERSONALLY, APPEARED BEFORE ME, the undersigned authority,

Timothy Cechini - Area Manager who, after first being sworn by me, affixed his/her
(Name of individual signing)

Signature in the space provided above on this 31 day of January, 2024.

My commission expires: March 23, 2025





NOTARY PUBLIC - Marybeth Rios-DeLeon

PROHIBITED INTERESTS FORM AND NOTICE

I, Timothy Cechini, Area Manager, certify that neither
(Printed Name) (Title)

Layne Christensen Company, 5741 Zip Drive, Fort Myers, Florida 33905
(Company Name) (Company Address)

nor any of its subcontractors shall enter into any contract, subcontract or arrangement in connection with the project or any property included or planned to be included in the project in which any member, officer or employee of the agency or the locality during tenure or for 2 years thereafter has any interest, direct or indirect. If any such present or former member, officer or employee involuntarily acquires or had acquired prior to the beginning of tenure any such interest, and if such interests is immediately disclosed to the City of Key West, the City of Key West with prior approval of the Division of Emergency Management, may waive the prohibition contained in this paragraph provided that any such present member, officer or employee shall not participate in any action by the City of Key West or the locality relating to such contract, subcontract or arrangement

NOTICE: The FDOT requires the City of Key West to insert in all contracts entered into in connection with the project or any property included or planned to be included in any project, and shall require its contractors to insert in each of their subcontracts, the following provision:

“No member, officer or employee of the Agency or of the locality during this tenure or for 2 years thereafter shall have any interest, direct or indirect, in this contract or the proceeds thereof.”

The provisions of this paragraph shall not be applicable to any agreement between the Agency and its fiscal depositories or to any agreement for utility services the rates for which are fixed or controlled by a government agency.



Signature of Timothy Cechini - Area Manager



CITY OF KEY WEST INDEMNIFICATION

To the fullest extent permitted by law, the CONTRACTOR expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONTRACTOR, its Subcontractors or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONTRACTOR's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONTRACTOR under Workers' Compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONTRACTOR or of any third party to whom CONTRACTOR may subcontract a part or all of the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Layne Christensen Company

SEAL:

5741 Zip Drive, Fort Myers, Florida 33905

Address



Signature

Timothy Cechini

Print Name

Area Manager

Title

DATE: January 31, 2024



EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Lee)

I, the undersigned hereby duly sworn, depose and say that the firm of Layne Christensen Company

provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.


Timothy Cechini - Area Manager

Sworn and subscribed before me this 31 day of January 2024.

NOTARY PUBLIC, State of Florida, at Large

My Commission Expires: March 23, 2025

Marybeth Rios-DeLeon
Marybeth Rios-DeLeon



**LOCAL VENDOR CERTIFICATION
PURSUANT TO CITY OF KEY WEST CODE OF ORDINANCES SECTION 2-798**

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a. Principle address as registered with the FL Department of State located within 30 miles of the boundaries of the city, listed with the chief licensing official as having a business tax receipt with its principle address within 30 miles of the boundaries of the city for at least one year immediately prior to the issuance of the solicitation.
- b. Maintains a workforce of at least 50 percent of its employees from the city or within 30 miles of its boundaries.
- c. Having paid all current license taxes and any other fees due the city at least 24 hours prior to the publication of the call for bids or request for proposals.
 - Not a local vendor pursuant to Ordinance 09-22 Section 2-798
 - Qualifies as a local vendor pursuant to Ordinance 09-22 Section 2-798

If you qualify, please complete the following in support of the self-certification & submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name _____ Phone: _____

Current Local Address: _____
(P.O. Box numbers may not be used to establish status)

Length of time at this address: _____

Signature of Authorized Representative
Timothy Cechini - Area Manager
STATE OF Florida

January 31, 2024
Date

COUNTY OF Lee

The foregoing instrument was acknowledged before me this 31 day of January, 2024.

By Timothy Cechini - Area Manger, of Layne Christensen Company
(Name of officer or agent, title of officer or agent) Name of corporation acknowledging)

or has produced Personal Known as identification
(type of identification)

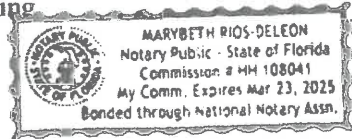
Marybeth Rios DeLeon
Signature of Notary

Return Completed form with
Supporting documents to:
City of Key West Purchasing

Print, Type or Stamp Name of Notary

Notary

Title or Rank



BIDDER'S CHECKLIST

(Note: The purpose of this checklist is to serve as a reminder of major items to be addressed in submitting a bid and is not intended to be all inclusive. It does not alleviate the Bidder from the responsibility of becoming familiar with all aspects of the Contract Documents and proper completion and submission of his bid.)

1. All Contract Documents thoroughly read and understood.
2. All blank spaces in Bid filled in, using black ink.
3. Total and unit prices added correctly.
4. Addenda acknowledged.
5. Subcontractors (if applicable) are named as indicated in the Bid.
6. Experience record included.
7. Bid signed by authorized officer.
8. Bid Bond completed and executed, including power-of-attorney dated the same date as Bid Bond.
9. Bidder familiar with federal, state, and local laws, ordinances, rules and regulations affecting performance of the work.
10. Bidder, if successful, able to obtain and/or demonstrate possession of required licenses and certificates within (10) ten days after receiving a Notice of Award.
11. Bid submitted intact with the volume containing the Bidding Requirements, Contract Forms, and Conditions of the Contract.
12. Bid Documents submitted in sealed envelope and addressed and labeled in conformance with the instructions in the Invitation to Bid.
13. Bidder must provide satisfactory documentation of State Licenses.
14. Anti-Kickback Affidavit.
15. Public Entities Crimes.
16. Non-Collusion Declaration and Compliance
17. Non-Collusion Affidavit
18. Suspension and Debarment Certification
19. Prohibited Interests Form
20. City of Key West Indemnification Form.
21. Equal Benefits for Domestic Partners Affidavit.
22. Cone of Silence Affidavit.
23. Local Vendor Certification. N/A



Additional Items

1. Insurance Certificate Sample
2. Equipment & Resources
3. Licenses
4. List of Surety
5. References
6. Resumes
7. LCC Officers
8. Layne - Terminated for Cause 3YR 10.2022
9. LCC Consent Judgment (civil judgment)

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239-275-1029
Fax: 239-275-1025
www.layne.com



A GRANITE COMPANY



Sample Insurance Certificate

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239-275-1029
Fax: 239-275-1025
www.layne.com



A GRANITE COMPANY

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE
09/08/2023

NAME OF INSURED: Layne Christensen Company

The named insured reserves its rights to provide any additional coverages under the policies above to only those expressly negotiated for by contract.



EQUIPMENT & RESOURCES

Layne Christensen Company has numerous of resources Please see the attached.
More equipment can be provided at Notice to Proceed

LAYNE CHRISTENSEN COMPANY
5741 Zip Drive
FORT MYERS, FL 33905
PH: 239.275.1029
FX: 239.275.1025
www.layne.com





Layne's Geophysical Logging personnel have been involved in nearly every injection well completion in Florida since 1998. With over 20 years experience in open and cased hole engineering, Layne personnel are capable of meeting all injection well completion needs and more.



ARTEX 2012 Model 6400 Wireline Unit with Kenworth Chassis

- Shooting Panel for Perforating Capability
- Model 950 Split Drum
- 16,000' of 3/8" - 7 conductor Rochester Cable
- 7,000' of 3/8" Coax Video Cable
- Hydraulic Winch System
- 15KW Hydraulic Generator
- Warrior Logging System utilized for Acquisition of most Logs
- Matrix Logging System utilized for Acquisition of Televiwer
- Aries CCV Surface Equipment utilized for Video

All logging tools and acquisition systems are state of the art instruments built in 2011-2012

VIDEO CAPABILITIES:

High Resolution Video Log

- Aries CCV surface equipment with on-screen footage display & 2 DVD recorders

CASEDHOLE LOGGING CAPABILITIES:

Radioactive Tracer Survey

- State of Florida Radioactive materials license (I-131 Solution)

Cement Bond Log

Collar Log

Temperature Log

Casing Inspection Log

OPEN HOLE LOGGING CAPABILITIES:

X-Y Caliper Log

Gamma Ray Log

Dual Induction/LL3 with SP Log

Borehole Compensated Sonic Log

Fluid Conductivity/Temperature/ Flowmeter

Acoustic Televiwer Log

Fluid Sample Capability





5741 Zip Drive
 Fort Myers, FL 33905
 (239) 275-1029 / Fax: 239-275-1025
 www.layne.com

WELL AND PUMP SERVICES

Water Well and Booster Pump Repair

Layne is a representative of many equipment manufacturers which allows us to furnish and install a tailored solution for your water well and well pump system. We combine our expertise and extensive experience with the latest technology to provide a full-line of pump products and services. We can manage your repair from the initial diagnosis all the way back to service.

Service Offering:

- In-house Pump Design and Sales
- In-house Repair Inspection Services
- Machine Shop Services
- Routine Preventative Maintenance
- Line Shaft Pumps
- Submersible Well Pumps
- Well and Booster Pump Repair
- Vertical & Horizontal Booster Pumps
- Wellhead Piping Modifications
- Discharge Valves and Fittings

Water Well and Pump Services:

Before prescribing any repair plan, we diagnose the system to develop an informed, practical, and customized solution. Our ability to create tailored solutions reflects our extensive service offerings, our variety of rehabilitation methods, our in-house repair shops, and our expertise.

Range of Services:

- Well Rehab-Acid Treatment
- High Pressure Jetting
- Well Redevelopment
- Cased Open Hole
- Geophysical Logging
- Well Video, -Y Caliper
- Deviation Surveys
- Fishing Activities
- Pump Installation and Removal





5741 Zip Drive
Ft. Myers, FL 33905
(239) 275-1029 / 239-275-1025
www.layne.com

WELL AND PUMP SERVICES



Providing Water Well and Pump Services Since 1882



5741 Zip Drive
Ft. Myers, FL 33905
(239) 275-1029 / 239-275-1025
www.layne.com

Spec Sheet: GEFCO 22

RIG MOUNTING:

Truck mounted, 22,000 lb front axle and tandem 46,000 rear axles

RIG POWER:

PTO powered

FEED SYSTEM:

Double drum, each equipped with two-plate air clutch and 6 x 24 double brake band.
Single line pull 18,000 lbs. on bare drum.

DERRICK:

Capacity 111,000 lbs.
Length 35 ft working height

AIR COMPRESSOR:

300 CFM/200 PSI or 500 CFM/200 PSI

TABLE OPENING:

8 ½ inch Retractable; 10 inch Retractable or 18 inch.

DRILLING CAPABILITIES:

Conventional air/mud rotary and flooded reverse

AVAILABLE EQUIPMENT:

Self-contained mud system with shakers and desanding cones
Auxiliary duplex and triplex mud pumps

ADDITIONAL INFORMATION:

Borehole diameter and depth will vary according to local subsurface conditions



Specification will vary by specific drilling rig unit number.

RIG MOUNTING:

3-axle carrier

RIG POWER:

Power to rig hydraulic pumps is supplied by a deck mounted engine
(Engine HP and configuration will depend on specific drilling unit)

FEED SYSTEM:

Double cylinders, cable feed D to d ratio 1:28, 7/8 in.
Drill feed rate-20 ft/min, fast feed up/down-150 ft/min
Pull down 30,000 lbs., Pull back 70,000 lbs.

DERRICK:

Capacity 75,000 lbs.
Length 35 ft. 6 in.
Head travel 27 ft. 4 in.
Width 36 in.
Depth 28 in.

DRILL PIPE CAROUSEL:

Capacity 7 sections of 4-1/2" drill pipe

AIR COMPRESSOR:

Rotary screw compressor 1070 CFM X 120 to 350 PSI

HYDRAULIC CONFIGURATION:

100 gallon hydraulic tank, 10 micron filter elements, hydraulic oil cooler

TABLE OPENING:

20" diameter in closed position, capacity to 70,000 lbs.

HYDRAULIC LEVELING JACKS:

Front jacks: (2)-24" stroke and rear jacks: (2)-24" stroke

DRILLING CAPABILITIES:

Conventional air/mud rotary, down the hole hammer, dual tube rotary (4.5", 5.5"),
rotary spot coring, casing advance, flooded reverse

AVAILABLE EQUIPMENT:

Self-contained mud system with shakers and desanding cones
Auxiliary duplex and triplex mud pumps

ADDITIONAL INFORMATION:

Borehole diameter and depth will vary according to local subsurface conditions



Specification will vary by specific drilling rig unit number.



5741 Zip Drive, Fort Myers, Florida 33905
Phone 239-275-1029 ♦ Fa 239-275-1025

RIG 2040- DRILLING RIG AND EQUIPMENT SPECIFICATIONS



RIG 2040

H-37 Ideco Drawworks, series 60 500 hp Allison Automatic, 15" Parmac water brake, Torque lite catheads, 150 ton block, 1" drill line, 27.5" rotary table, 11" substructure, 225,000lb API certified mast, 100 ton Brewster swivel, Varco 4KRM square drive Brushing, Atlas weight indicator, Stroke counter, torque gauge, Wireline machine Sure Shot straight hole instrument.

FUEL STORAGE

2,000 gallon fuel tank with auxiliary pump and steel containment.

DOG HOUSE

3 pin drilling recorder, Bear auto driller, built in pressurized 17,000 gallon water tank.

COLLARS & SUBS

8" x 6-5/8" Spiral cut regular collars (8), 8" x 6 5/8" REG (8) All needed cross-over subs, associated handling equipment (slips, collars clamps, etc.)

BACK UP GENERATOR

Broadcrown 200kw with John Deere power, Daewoo 60kw with Isuzu power.

MUD PUMPS

8" X 10" X 14" MCM O'Drill centrifugal pumps used for returning downhole from the tank.

SUMP PUMP

6" self-priming (rental) for moving cuttings for the first 250' from the sump to the shakers thru a 6" steel line

MUD SYSTEM

4.5' X 8' X 40' 10,000 gallon tanks (2) with 3hp agitators. One pit will be for "Clean" Mud and the second will be for "dirty" mud 160 Barrels each

Double Life AWD III linear motion 3 panel shakers (2), used to remove primary cuttings from the returned mud. The returned mud goes into the "dirty" tank

10" desanding cones (2), used to clean the "dirty" mud and transfer "clean" mud to the "clean" tank. A 5"x6" electric centrifugal pump is used to pump the fluid

6"x 4" mixing hopper with a 5'x6" electric centrifugal pump is used to mix bentonite with fresh water and place in the "clean" mud tank.



5741 Zip Drive,
Fort Myers, Florida
33905www.layne.com

Atlas Copco RD20-III Portable Top Drive Drill Rig



Rig Mounting:

2006 Heavy Duty 5-axle Crane Carrier with 281-inch wheelbase
90,000 lb Gross Weight and Full Power Tridem Rear Axles

Rig Carrier Power:

Caterpillar C13 380 HP Diesel Engine
Fuller RTO-14908LL Transmission
10 Speeds Forward, 3 Speeds Reverse

Rig Deck Power:

Deck mounted Cummins, SK-19C
755 HP Diesel Engine with Silencer Muffler
2 Fuel Tanks, 335 Gallons Total Fuel Storage

Air Compressor:

Ingersoll-Rand Air Compressor, 1,250 CFM 120 PSI to 350 PSI

Derrick:

Dimensions 61'-11" L x 12' L x 48'-1" H x 41" D
51'-7" net vertical working space between spindle-table
Pull back 120,000 lbs. - Pull down 30,000 lbs.

Head Travel Speed:

Drill Feed Rate 29 feet per minute
Fast Feed up regen. on 106 feet per minute
Fast Feed up regen. off 72 feet per minute
Fast Feed Down 180 feet per minute

Top Head Performance:

Head rotation speed 0 to 120 RPM
Drilling torque 8,000 ft-lb 120 RPM, Floating Spindle

Main Hoist and Jib Boom:

7,500 lb., hydraulic powered casing hoist winch
Operating line speed up to 225 feet per minute
4,000 lb. hydraulic jib hoist and boom
Operating line speed up to 106 feet per minute

Control Panel:

hydraulic control panel with aluminum protective cover

Hydraulic Leveling Jacks:

4-1/4 Front Stabilization Jack One 1' 48" Stroke
4-1/4 Front Main Leveling Jacks Two 2' 48" Stroke
5 Rear Main Leveling Jacks Two 2' 48" Stroke

Rig Travel Dimensions:

Overall height derrick up position 62' - 6"
Overall height derrick down position 13' - 10"
Overall width 8' - 4"
Overall weight Dry approx. 88,000 lbs.

Miscellaneous Items:

3 Mud Manifold with hydraulic valve 3 Air Hooster Piping
up to 1,500 PSI with auxiliary and booster compressor
connections Single Rod Loader with a loader pod or 5-1/2" Drill Collars 35 GPM Water Injection Pump 60 Gallon D/D
Oiler Tattle-tale Head Indicator Fold up Driller Platform and table mounted to rear of rig optional Dual Tube Reverse air
rotary drilling tools available



connections Single Rod Loader with a loader pod or 5-1/2" Drill Collars 35 GPM Water Injection Pump 60 Gallon D/D
Oiler Tattle-tale Head Indicator Fold up Driller Platform and table mounted to rear of rig optional Dual Tube Reverse air

rotary drilling tools available

Specifications will vary by specific drilling rig unit number

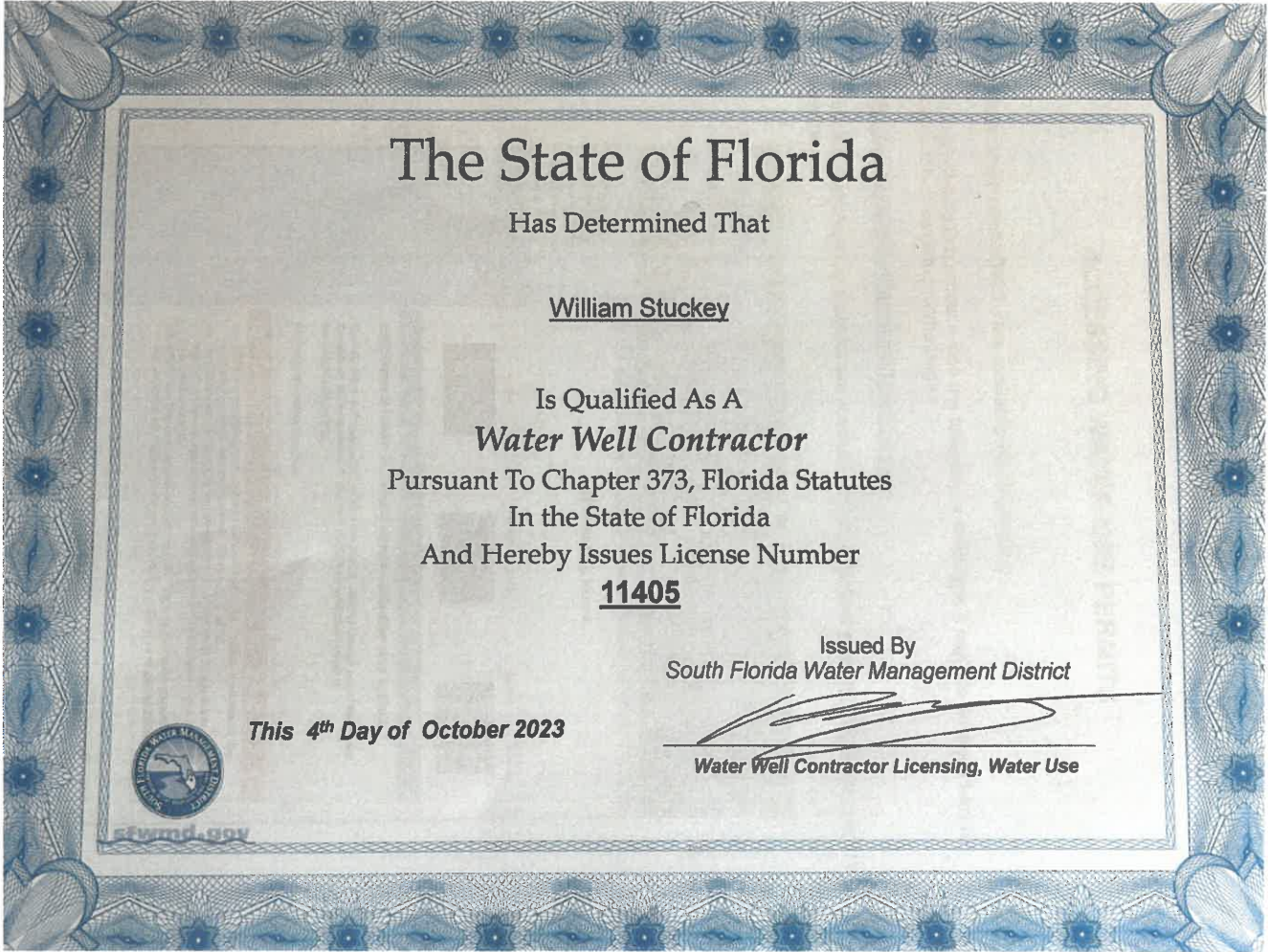
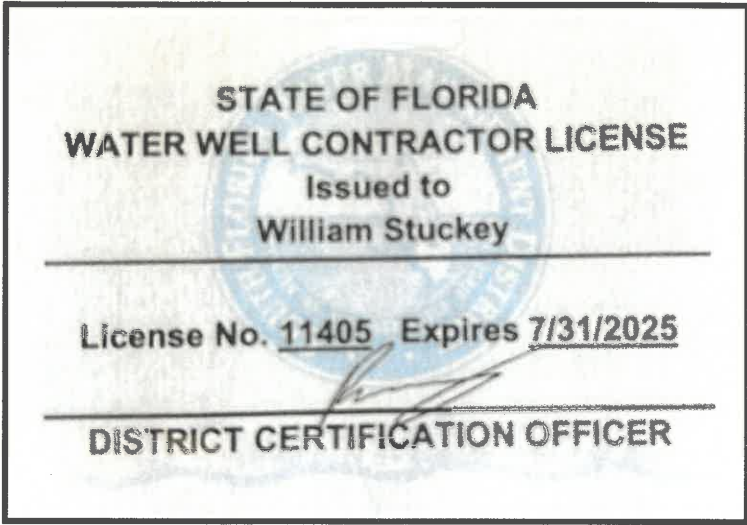


Licenses

Layne Christensen Company
5741 ip Drive
Fort Myers, Florida 33905
P 239.275.1029
F 239.275.1025
www.layne.com



A GRANITE COMPANY



**STATE OF FLORIDA
DEPARTMENT OF HEALTH
BUREAU OF RADIATION CONTROL**

RADIOACTIVE MATERIALS LICENSE

Pursuant to Chapter 404, Florida Statutes, and Chapter 64E-5, Florida Administrative Code (F.A.C.), and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to receive, acquire, possess, and transfer the radioactive material(s) designated below and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders of the state of Florida, Department of Health now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Name: LAYNE CHRISTENSEN COMPANY</p>	<p>3. License Number: 4300-1</p> <p>is hereby renewed in its entirety with reference to application dated January 18, 2022, February 25, 2022.</p>
<p>2. Address: 5741 Zip Drive Ft. Myers, FL 33905</p>	<p>4. Expiration Date: 12/31/2026</p> <p>5. Category: 3I(I)</p>

6. Radioactive Material (element and mass no.)	7. Chemical and/or Physical Form	8. Maximum Quantity Licensee May Possess at Any One Time
A. Iodine 131	A. Solution	A. 100 millicuries total activity, single vials not to exceed 40 millicuries, each

9. Authorized Use

A. To be used in a Probe Technology, Inc., part number 050-F0400-000, 1 11/16" motorized ejector tool for the performance of subsurface tracer studies.

CONDITIONS

- 10. A. The authorized place of use shall be temporary job sites of the licensee throughout the state of Florida. This condition does not prohibit use in other agreement states and states under the jurisdiction of the U.S. Nuclear Regulatory Commission (NRC) under reciprocity which has been approved by the NRC or an agreement state.
- B. The authorized place of storage is the licensee's facility located at the address in Item 2, and at temporary job sites.

**STATE OF FLORIDA
DEPARTMENT OF HEALTH
BUREAU OF RADIATION CONTROL**

11. Failure to comply with the provisions of this license is a felony of the third degree pursuant to section 404.161, Florida Statutes. Also, violations may warrant an administrative fine of up to \$1,000.00 per violation per day, pursuant to section 404.162, Florida Statutes.
12.
 - A. Licensed material shall be used by, or under the supervision and in the physical presence of Luis F. Morey.
 - B. The radiation safety officer is Luis F. Morey.
13. The licensee shall comply with the provisions of Chapter 64E-5, F.A.C., Part IX, "Notices, Instructions and Reports to Workers; Inspections" and Part III, "Standards for Protection Against Radiation."
14. The licensee shall not transfer possession or control of radioactive material, or products containing radioactive material as a contaminant except:
 - A. By transfer to a specifically licensed recipient; or
 - B. As provided otherwise by specific provision of this license pursuant to the requirements of Chapter 64E-5, F.A.C.
15. Radioactive material transported on public thoroughfares shall be packaged, prepared for shipment, and transported in accordance with Title 49, Code of Federal Regulations and Chapter 64E-5, F.A.C.
16. Each source holder or logging tool containing radioactive material shall bear a durable, legible, and clearly visible marking or label bearing the conventional radiation symbol and the following warning: DANGER (or CAUTION) - RADIOACTIVE.
17. Individuals involved in operations which utilize, at any one time or over a 3-month period, radioiodine in an unsealed form that exceeds activities specified in table 1 shall have bioassays performed at the frequency specified in 64E-5.1320(1), F.A.C. Records of the bioassays shall be maintained for inspection by the department for 3 years.

License Number: 4300-1
Amendment No: 6
Control Number: 20220121-0120

HQ COPY

Page 2 of 3 Page(s)

Category: [31(1)]

Expiration Date: 12/31/2026

STATE OF FLORIDA
DEPARTMENT OF HEALTH
BUREAU OF RADIATION CONTROL

18. A. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, 8 and 9 of this license in accordance with statements, representations and procedures contained in the licensee's application dated January 18, 2022, signed by Kent M. Wartick, Vice President and Division Manager, and correspondence dated:
- February 25, 2022 (completed policy and procedures), signed by Kent M. Wartick, VP.
- B. The licensee shall comply with all applicable requirements of Chapter 64E-5, Florida Administrative Code, and these regulations shall supersede the licensee's statements in applications or correspondence, unless the statements are more restrictive than the regulations.

For the Bureau of Radiation Control:

**ORIGINAL SIGNED BY:
GIOVANNA MANNING**

Issuance Date: MAR 07 2022

**Giovanna Manning
Environmental Specialist III
4052 Bald Cypress Way – Bin C21
Tallahassee, FL 32399-1741
850-245-4545**

A party whose substantial interest is affected by this order may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Rule 28-106, Florida Administrative Code. A petition for administrative hearing must be in writing and must be received by the Agency Clerk for the Department, within twenty-one (21) days from the receipt of this order. The address of the Agency Clerk is: Agency Clerk, 4052 Bald Cypress Way, BIN # A02, Tallahassee, Florida 32399-1703. The Agency Clerk's facsimile number is 850-410-1448. A copy of the petition should also be sent to: Bureau Chief, Bureau of Radiation Control, 4052 Bald Cypress Way, BIN # C21, Tallahassee, FL 32399-1741. The Bureau Chief's facsimile number is 850-487-0435. Mediation is not available as an alternative remedy. Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a "final order." Should this order become a final order, a party who is adversely affected by it is entitled to judicial review pursuant to Section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Health and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of rendition of the final order.

License Number: 4300-1
Amendment No.: 6
Control Number: 20220121-0120

HQ COPY
Page 3 of 3 Page(s)

Category: [31(1)]
Expiration Date: 12/31/2026

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Ron DeSantis
Governor

Joseph A. Ladapo, MD, PhD
State Surgeon General

Vision: To be the Healthiest State in the Nation

March 07, 2022

Kent M. Wartick, Vice President and Division Manager
LAYNE CHRISTENSEN COMPANY
5741 Zip Drive
Ft. Myers, FL 33905

Dear Mr. Wartick:

Re: State of Florida Radioactive Materials License Number 4300-1

Enclosed is amendment number 6 to the above referenced license. This amendment closes control number 20220121-0120.

Note that Luis F. Morey is listed as the only authorized user. The Certificate of Completion provided for the other users does not specify or include well logger training. The submitted Curriculum provided by Radiation Solutions does not include or document well logging training. If you wish to add additional users submit a new request and provide training certificates and supporting documentation for additional users.

Review the enclosed document carefully to be sure that you understand its terms and conditions. You must conduct your radiation safety program in accordance with the conditions of your license, representations made in your license application, and Florida regulations. Failure to conduct your program in accordance with Florida regulations, license conditions and representations in your application will result in enforcement action. Note that a license is valid only for the legal entity to which it is issued and is not subject to assignment, sale, or other transfer. Notify the department immediately if the identity of the legal entity, as listed in item 1 of the license, changes or if there is a change in the majority ownership or controlling interest of the legal entity. *Florida Statutes* require a new license application if any of these events occur.

Mr. Kent M. Wartick
Page 2
March 07, 2022

You are responsible for verifying the accuracy of the enclosed amendment. Notify us immediately if you find anything in the enclosed amendment you consider to be in error. Please call us at 850 245-4545 if you have any questions or require further clarification. Additional bureau resources including regulatory guides, forms, regulations, and information notices may be accessed on our website at www.FloridaHealth.gov/radiation/.

Sincerely,

**ORIGINAL SIGNED BY:
GIOVANNA MANNING**

Giovanna Manning
Environmental Specialist III

Enclosure



List of Surety Agencies

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239.275.1029
Fax: 239.275.1025
www.layne.com



A GRANITE COMPANY



**Layne Christensen Company
List of Surety Agencies**

**The Travelers Companies, Inc. – August 1, 2002 to Present
Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company**

1 Tower Square

Hartford, CT 06183

Contact: Jen Moore, Underwriting Director - (860) 277-8170

State of Incorporation: Connecticut

Ratings – AM Best: A++ XV; Moody's: Aa2; Standard & Poor's: AA

NAIC #: 31194, 19038, California License No.: 2444-8, 1790-5;

Arizona Certificate No. 000843, 000841

**CNA Financial Corporation – December 15, 2014 to Present
The Continental Insurance Company
Continental Casualty Company**

151 North Franklin Street

Chicago, IL 60606

Contact: Michael O'Connell, Underwriting Director – (206) 587-7149

State of Incorporation: CIC - Pennsylvania; CCC - Illinois

Ratings – AM Best: A XV; Moody's: A2; Standard & Poor's: A+

NAIC #: 35289, 20443; California License No.: 2270-7, 0048-9;

Arizona Certificate No. 0003658, 299460

**Chubb Group of Insurance Companies – 1926 to Present
Federal Insurance Company**

202B Hall's Mill Road,

Whitehouse Station, NJ 08889

Contact: Tina Hawkins, Underwriting Manager - (908) 903-3409

State of Incorporation: Indiana

Ratings – AM Best: A++ XV; Moody's: Aa3; Standard & Poor's: AA

NAIC #: 20281, California License No.: 0059-6;

Arizona Certificate No. 301755

Agent Name and Address:

Alliant Insurance Services, Inc.

560 Mission Street, 6th Floor

San Francisco, CA 94111

(415) 403-1427

Contact: John D. Gilliland – Senior Vice President

License # 0C36861 Expiration 09/30/2024

Single Job Capacity: \$600,000,000. Aggregate Capacity: \$5,000,000,000.



References

Layne has done hundreds of jobs, here is just a few of our references. Additional can be provided upon request.

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239.275.1029
Fax: 239.275.1025
www.layne.com



A GRANITE COMPANY



BLACK & VEATCH

4415 Metro Pkwy
Fort Myers, Florida
33916

August 1, 2022

To Whom It May Concern:

Please find this letter of recommendation on behalf of Layne. Layne was contracted by Black & Veatch to provide well rehabilitation services of water supply wells, as well as geophysical logging services and injection well's mechanical integrity tests (MITs) for the City of Fort Myer's Water Treatment Plan (WTP), which were all completed between August 2021 and August 2022. Black & Veatch has not experienced any difficulty in negotiating an agreement or any field procedure, largely based on our excellent work relationship with Layne. Layne has always demonstrated a high level of expertise and competency within the Florida drilling industry. They successfully completed the MIT for the City of Fort Myers on time and within budget. Additionally, Layne has provided the same professionalism and reliability while rehabilitating the public water supply wells P-11, P-13, P-16 and P-19, taking into account all the adverse downhole conditions encountered while performing these rehabilitation procedures. Ultimately, Layne has been extremely responsive with the client and has been executing this work with impeccable safety precautions.

Please feel free to contact me if you have any additional question regarding this letter of recommendation.

Sincerely,

Black & Veatch,

JD Villalobos
Hydrogeologist
786-626-1318

February 11, 2019

Re: Reference of Well Services Experience – Layne

To Whom It May Concern:

This letter is intended to serve as verification that Layne has provided well services for at least seven years for projects RMA GeoLogic Consultants have served as a consultant for local Utilities and Municipalities in Florida. During that time and projects Layne has demonstrated knowledge of all aspects of situations commonly encountered during rehabilitation services of water supply wells and injection wells. Layne has always been conscientious in the execution of the work, maintained equipment in good operating condition, and has been observant of regulatory and personnel safety conditions. The result has, without exception, been excellently serviced wells. Therefore, I have no hesitation in recommending Layne's well services. Two recently completed projects are referenced below

Client: Gasparilla Island Water Association

Project: Redevelopment Services for Deep Well DW8

Scope: Removed permanent submersible pump from the well, installed an air line tubing in the well, air developed the well, removed air line, installed temporary submersible pump, pump developed well to the satisfaction of the consultant, removed temporary pump, reinstalled permanent pump, and chlorinated the well.

Start Date: 10/15/18

Completion Date: 10/24/18

Client: Lee County Utilities

Project: Acidization of Three Upper Floridan Aquifer Wells

Scope: Removed vertical turbine pumps, conducted geophysical logs, connected hoses to the wellhead, pumped 30,000 gallons of 2% hydrochloric acid solution, pump developed well to the satisfaction of the consultant, and chlorinated the well.

Start Date: 11/1/18

Completion Date: 12/7/18

Sincerely,



Omar Rodriguez, P.G., P.E.

FL Licensed Professional Geologist #2273

FL Licensed Professional Engineer #80330

President

Client Name:

City of Cape Coral
Rand Edelstein Jr., P.G.
Hydrogeologist
Utilities Department
City of Cape Coral
239-242-3651 (office)
redelstein@capecoral.gov

Project: Rehabilitation of 10 Upper Floridan Aquifer Production Wells

Project Description: This project consisted in the rehabilitation of 10 Upper Floridan aquifer (UFA) aquifer production wells for the City of Cape Coral. The rehabilitation was undertaken to increase production from the wells due to a reduction in specific capacity. The scope consisted in removing the permanent submersible pump from the well, conducting geophysical logs, acidizing the well with hydrochloric acid, development the well, conducting post-acidization geophysical logs, reinstalling the permanent pump, chlorinating the well, and conducting a 2-point bacteriological sampling to obtain clearance to put the well back into service. The project was successful by increasing the well capacity to up 2,000 percent.

Performance Period: January 2021 – June 2022

Total Amount of Contract: \$909,000



ASRus, LLC
13329 N. Armenia Avenue
Tampa, FL 33613
Tel 813.264.9100

February 12, 2019

To Whom It May Concern:

Please find this letter of recommendation on behalf of Layne, a brand of the Granite Construction Company Inc. Layne was contracted to ASRus, LLC to provide geophysical logging services for the City of St. Petersburg's Northeast Water Reclamation Facility (NEWRF) and Southwest Water Reclamation Facility (SWWRF) injection wells mechanical integrity tests (MITs) completed in June-July 2018. ASRus, LLC is a small hydrogeologic consulting firm and therefore it is often difficult to subcontract to companies the size of Layne, however we experienced no difficulty in negotiating an agreement, largely based on our years of experience working with Layne. Layne has always demonstrated a high level of expertise and competency within the Florida drilling industry. They successfully completed the MITs for the City of St. Petersburg on time and within budget and provided the same professionalism and reliability we have come to expect from Layne. We look forward to opportunities to work with them on future projects.

Please feel free to contact me if you have any additional question regarding this letter of recommendation.

Sincerely,

ASRus, LLC

A handwritten signature in blue ink, appearing to read "Pete Larkin".

Pete Larkin, P.G.



4600 Military Trail, Suite 116
Jupiter, Florida 33458
Phone: 561-891-0763

February 11, 2019

RE: Layne Christensen, Inc. Letter of Recommendation

To Whom It May Concern:

I have worked with Layne Christensen, Inc. (serving as the client's representative) on numerous Class I deep injection well logging, plugging and abandonment and well rehabilitation projects. They have proven to be highly experienced well service contractors with excellent problem-solving skills. Their highly-experienced personnel (I have worked with some of the same personnel for 9 years) have repeatedly proven to be innovative and dedicated to client satisfaction.

Layne Christensen, Inc. has consistently shown a desire to work as a team with the owner and owner's representative. Their attention to the fine details on geophysical logging and other well services results in a satisfied client.

In short, Layne Christensen, Inc. is a very high quality well service contractor that I would not hesitate to recommend to anyone seeking a qualified and experienced deep injection well service contractor.

Should you have any questions regarding the above, please contact me at (561) 891-0763.

Sincerely,

McNabb Hydrogeologic Consulting, Inc.

A handwritten signature in blue ink, appearing to read "David McNabb", is written over the printed name.

David McNabb, P.G.
President

February 12, 2019

To Whom It May Concern:

Subject: Layne Letter of Reference

SCS Engineers conducted the contract management and technical supervision of a Class 1 injection well, dual zone monitoring well and pad monitoring wells at the Countyline Corporate Park site in Hialeah, Florida. This project occurred from September of 2017 to March of 2018. Layne was the contractor and conducted all the drilling, logging and testing for this project. Post drilling, they also did the abandonment of the pad monitoring wells.

Layne did an excellent job, executing the scope of work in a professional manner and all the required agency submittals were supplied as required. Their project team communicated well and worked collaboratively with our field staff to complete this project.

Please call or email me at mmarkley@scsengineers.com if you have any questions.

Kindest Regards,



Monte R. Markley, P.G.
Vice President/Project Director
SCS Engineers





Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Bonita Springs Utilities IW-1, South Tamiami Trail	November-22	Bonita Springs Utilities Dianna Deleon 25051 South Tamiami Trail Bonita Springs, Florida 34134 Phone: (239) 390-4832 Email: ddeleon@bsu.us	RMA-Geologic Omar Rodriguez 12771 World Plaza Ln., Ste 1 Fort Myers, FL 33907 Phone: 239-247-0646 orodriguez@rma-geologic.com	16" Steel 2,490'	16" Steel 2,490'	C	3,220'	P
Collier County, Goodlette-Frank Rd., IW-2	November-22	Collier County Peter Schalt Public Utilities Department 10500 Goodlette-Frank Rd. Naples, FL 34109 Phone: 239-252-5343 Email: peter.schalt@colliercountyfl.gov	RMA-Geologic Omar Rodriguez 12771 World Plaza Ln., Ste 1 Fort Myers, FL 33907 Phone: 239-247-0646 orodriguez@rma-geologic.com	24" Steel 2,575'	24" Steel 2,575'	C	3,250'	P
Collier County, Goodlette-Frank Rd., IW-1	October-22	Collier County Peter Schalt Public Utilities Department 10500 Goodlette-Frank Rd. Naples, FL 34109 Phone: 239-252-5343 Email: peter.schalt@colliercountyfl.gov	RMA-Geologic Omar Rodriguez 12771 World Plaza Ln., Ste 1 Fort Myers, FL 33907 Phone: 239-247-0646 orodriguez@rma-geologic.com	24" Steel 2,582'	24" Steel 2,582'	C	3,250'	P
Bonita Springs Utilities IW-1, Terry St.	September-22	Bonita Springs Utilities Dianna Deleon 11900 E Terry St., Bonita Springs, Florida 34134 Phone: (239) 390-4832 Email: ddeleon@bsu.us Collier County	RMA-Geologic Omar Rodriguez 12771 World Plaza Ln., Ste 1 Fort Myers, FL 33907 Phone: 239-247-0646 orodriguez@rma-geologic.com	20" FRP 2,704'	20" FRP 2,704'	C	3,206'	A
Collier County, Vanderbilt Beach Rd., IW-2	August-22	Christopher Todd Public Utilities Department 8005 Vanderbilt Beach Rd. Naples, FL 34117 Phone: 239-252-4165 Email: christophertodd@colliercountyfl.gov	CDM Smith Jason M Mills 101 Southhall Lane, Suite 200 Maitland, FL 32751 Phone: 407-660-6357 Email: MillsJM@cdmsmith.com	20" Steel 2,497'	14" Steel 2,375'	C	3,200'	P

* Diameters are nominal ** F = Fluid-filled / C = Cemented *** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Collier County, Vanderbilt Beach Rd., IW-1	July-22	Collier County Christopher Todd Public Utilities Department 8005 Vanderbilt Beach Rd. Naples, FL 34117 Phone: 239-252-4165 Email: christopher.todd@colliercountvfl.gov	CDM Smith Jason M Mills 101 Southhall Lane, Suite 200 Maitland, FL 32751 Phone: 407-660-6357 Email: MillsJM@cdmsmith.com	20" Steel 2,495'	14" Steel 2,460'	C	3,300'	P
Palm Bay IW-1	April-22	City of Palm Bay Nick Canjar Procurement 120 Malabar Road Se, Suite 200 Palm Bay, Florida 32907 Phone: 321-952-3424 Email: james.canjar@pbfl.org	ASRus, LLC Rommy Lahera, Sr. Hydrogeologist 13329 N. Armenia Avenue FL 33613 Phone: 305-607-6421 Fax: 813-264-9100 Email: rlahera@asrus.net WSP	20" Steel 2,050'	18" Steel 2,530'	C	3,000'	P
Collier County IW-1	July 2022	Collier County Randy Lewis Public Utilities Department 3851 City Gate Drive Naples, FL 34117 Phone: 239-252-6111 Email: randy.lewis@colliercounty.gov	Scott Manahan Senior Engineering Manager 1567 Hayley Lane, Suite 202 Fort Myers, FL 33907 239-223-9556 Office: 239-271-3748 Email: scott.manahan@vsn.com	24" Steel 2,278'	15.8" FRP 2,146'	C	2,800'	P
North Port IW-1	February 2022	City of North Port SW Wastewater Reclamation Facility 8898 S Tamiami Trail, North Port, FL 34223 Phone: (205) 339-7000 Fax: (205) 333-3046	CDM Smith Jason Sciandra, P.E. 4210 Metro Pkwy, Suite 230 Fort Myers, FL 33916 Email: sciandraJA@cdmsmith.com	34" Steel 1,395'	22" FRP 1,393'	C	1,910'	P
Albert Whitted (St. Petersburg) IW-1, IW-2	March-21	City of St. Petersburg Albert Whitted Site, Diana Smillova P.E. PO Box 2842 St Petersburg, FL 33731 Phone: 727-893-4165 Fax: 727-892-5476 Email: diana.smillova@stpete.org	ASRus, LLC Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	IW-1 29" ID 640' IW-2 29" ID 630'	N/A	N/A	IW-1 980' IW-2 683'	N/A

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Belle Glade IW-1	March-21	City of Belle Glade Diana Rivera 39700 Hooker Hwy, Belle Glade, FL 33430. Phone: 561-493-6000	N/A	13" 2941'	N/A	C	3500'	A
Peele-Dixie IW-1	July 2020	City of Fort Lauderdale Tanisha Boynton SPS 100 N. Andrews Avenue Fort Lauderdale, FL 33301 Phone: 954-828-4797 Fax: 954-828-5074 Email: tboynton@fortlauderdale.gov	Hazen and Sawyer, P.C. Albert Muniz, P.E. 2101 NW Corporate Blvd., Suite 301 Boca Raton, FL 33431 Phone: 561-997-8070 Fax: 561-997-8159 Email: amuniz@hazensawsawyer.com	24" 3,000'	16" FRP 2,983'	C	3,500'	P
Punta Gorda WWTP IW-1	May 2020	City of Punta Gorda Julie Rogan-Sutter Senior PA 326 West Marion Ave. Punta Gorda, FL 33950 Phone: 941-575-3366 JRogan-Sutter@CityofPuntaGordaFL.com	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com	20" 2,500'	N/A	N/A	2,850'	P
Miramar West ROWTP IW-1	May 2020	City of Miramar Alicia Ayum Procurement Director 2300 Civic Center Place Miramar, FL 33025 Phone: (954) 602-3054 Fax: (954) 602-3525 Email: aayum@miramarfl.gov	AECOM Michael Bennett, PG 2090 Palm Beach Lakes Blvd Suite 600 West Palm Beach, FL 33409 Phone: 561-684-3375 Fax: Email: michael.bennett@aecom.com	16" 3,088'	9" FRP 3,033'	C	3,180'	P
Miramar West ROWTP IW-2	May 2020	City of Miramar Alicia Ayum Procurement Director 2300 Civic Center Place Miramar, FL 33025 Phone: (954) 602-3054 Fax: (954) 602-3525 Email: aayum@miramarfl.gov	AECOM Michael Bennett, PG 2090 Palm Beach Lakes Blvd Suite 600 West Palm Beach, FL 33409 Phone: 561-684-3375 Fax: Email: michael.bennett@aecom.com	16" 3,046'	9" FRP 2,970'	C	3,187'	P

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam./ Depth) *	Injection Tubing (Diam./ Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Miramar II WWRF IW-1	April 2020	City of Miramar Alicia Ayum Procurement Director 2300 Civic Center Place Miramar, FL 33025 Phone: (954) 602-3054 Fax: (954) 602-3525 Email: aaayum@miramarfl.gov City of Miramar	Hazen and Sawyer, P.C. Albert Muniz, P.E. 2101 NW Corporate Blvd., Suite 301 Boca Raton, FL 33431 Phone: 561-997-8070 Fax: 561-997-8159 Email: amuniz@hazenandsawyer.com Hazen and Sawyer, P.C.	24" 2,950'	N/A	N/A	3,001'	P
Miramar II WWRF IW-2	April 2020	Alicia Ayum Procurement Director 2300 Civic Center Place Miramar, FL 33025 Phone: (954) 602-3054 Fax: (954) 602-3525 Email: aaayum@miramarfl.gov City of Miramar	Albert Muniz, P.E. 2101 NW Corporate Blvd., Suite 301 Boca Raton, FL 33431 Phone: 561-997-8070 Fax: 561-997-8159 Email: amuniz@hazenandsawyer.com	24" 2,950'	N/A	N/A	3,196'	P
Three Oaks IW-1	March 2020	Lee County Utilities Tyler Weinaud P.G. 1500 Monroe Street, Third Floor Fort Myers, FL 33901 Phone: (239)533-8166 Fax: Email: tweinand@leegov.com	WSP Wm. Scott Manahan, P.E., Operations Manager 1567 Hayley Lane, Suite 202 Fort Myers, FL 33907 Phone: 239-481-6494 Fax: 239-481-6393 Email: scott.manahan@pbworld.com	20" 2,100'	14.5" FRP 2,095'	F	2,507'	A
Hialeah ROWTP IW-1	March 2020	City of Hialeah David Rodriguez Chief Operator Hialeah ROWTP Hialeah, FL 33018 Phone: (305)-556-7205 Fax: Email: david.rodriguez@inima.com City of Hialeah	JLA Geosciences James Andersen, PG 1907 Commerce Lane, Suite 104 Jupiter, FL 33458 Phone: 561-746-0228 Fax: 561-746-0119 Email: jandersen@jlagosciences.com JLA Geosciences	24" 2,937'	16" FRP 2,937'	F	3501'	A
Hialeah ROWTP IW-2	March 2020	City of Hialeah David Rodriguez Chief Operator Hialeah ROWTP Hialeah, FL 33018 Phone: (305)-556-7205 Fax: Email: david.rodriguez@inima.com	James Andersen, PG 1907 Commerce Lane, Suite 104 Jupiter, FL 33458 Phone: 561-746-0228 Fax: 561-746-0119 Email: jandersen@jlagosciences.com	24" 2,936'	16" FRP 2,936'	F	3,501'	A

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Tropicana Products IW-1	December 2019	Tropicana Products, Inc. Jeff Clark 1001 13th Ave. East Bradenton, FL 34208 Phone: 941-747-4461 Fax: Email:	ASRUS Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	14" 880'	N/A	N/A	1,100'	P
Tropicana Products IW-2	December 2019	Tropicana Products, Inc. Jeff Clark 1001 13th Ave. East Bradenton, FL 34208 Phone: 941-747-4461 Fax: Email:	ASRUS Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	14" 880'	N/A	N/A	1,080'	P
Central County WRF IW-1	October 2019	Sarasota County Public Utilities Patricia Hinhart Nihart Envir. Spec.III 1001 Sarasota Center Blvd. Sarasota, FL 34240 Phone: (941)861-5000 Fax: Email: pnihart@scgov.net	WSP Wm. Scott Manahan, P.E., Operations Manager 1567 Hayley Lane, Suite 202 Fort Myers, FL 33907 Phone: 239-481-6494 Fax: 239-481-6393 Email: scott.manahan@pbworld.com	24" 1,420'	N/A	N/A	1,819'	P
Pinewoods IW-1	September 2019	Lee County Utilities Tyler Weinand P.G. 1500 Monroe Street, Third Floor Fort Myers, FL 33901 Phone: (239)533-8166 Fax: Email: twinand@leegov.com	WSP Wm. Scott Manahan, P.E., Operations Manager 1567 Hayley Lane, Suite 202 Fort Myers, FL 33907 Phone: 239-481-6494 Fax: 239-481-6393 Email: scott.manahan@pbworld.com	14" 2,581'	9.625" FRP 2,578'	F	3,005'	A
RO WTP IW-1	September 2019	Gasparilla Island Water Association Bonnie Pringle, Utility Director P.O. Box 310 Boca Grande, FL 33921 Phone: 941-964-2423 Fax: 941-964-0625 E-mail: bonniepringle@comcast.net	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	11.75" ID 1,490'	7.625" FRP 1,485'	C	1,700'	P

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Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Indian River Eco-District IW-1	June 2019	Indian River Eco-District Jim Hissam 925 74th Avenue SW Vero Beach, FL 32968 Phone: 904-459-1024 Email: jhissam@bhkcap.com	McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com	8" SS 2,370'	6" FRP 2,360'	Diesel	2890'	A
Northwest WRF IW-1	June 2019	City of St. Petersburg Ralph Craig, Hydrogeologist 1635 Third Avenue North St. Petersburg, FL 33713 Phone: 727-892-5669 Fax: 727-823-9152 Email: Ralph.Craig@stpete.org	ASRUS Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	30" 756'	N/A	N/A	1,115'	N/A
Northwest WRF IW-2	June 2019	City of St. Petersburg Ralph Craig, Hydrogeologist 1635 Third Avenue North St. Petersburg, FL 33713 Phone: 727-892-5669 Fax: 727-823-9152 Email: Ralph.Craig@stpete.org	ASRUS Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	30" 756'	N/A	N/A	1,110'	N/A
Plant Smith IW-4	April 2019	Gulf Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com	CH2M HILL Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@ch2m.com	14" FRP 1,200'	N/A	N/A	2000'	P
NCRWTP Vanderbilt IW-2	April 2019	Collier County Howard Brogdon, Plant Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5252 Fax: 239-252-6450 Email: HowardBrogdon@collier.gov.net	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com	20" 2,495'	16" FRP 2,456'	C	3,200'	P

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Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam./ Depth) *	Injection Tubing (Diam./ Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Plant Smith IW-3	March 2019	<p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p> <p>Greater Pine Island Water Association Bill Thatcher, General Manager 5281 Pine Island Road Bokeelia, FL 33922 Phone: 239-283-1071 Fax: 239-283-7792 Email: wthatcher@pineislandwater.com</p> <p>Gina Lanzilotta, Senior Buyer/Financial Services/Procurement City of Cape Coral PO Box 150027 Cape Coral FL 33915-0027 Phone: 239-574-0834 Fax: 239-574-0837 Email: glanzlito@capecoral.net</p>	<p>CH2M HILL Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@ch2m.com</p> <p>RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com</p> <p>Stantec Ms. Anamaria Sarmiento 2600 Douglass Road, Suite 600 Coral Gables, FL 33134 Direct: 786 313-5508 Mobile: 954 599-1561 anamaria.sarmiento@stantec.com</p>	14" FRP 1,195'	N/A	N/A	1290'	P
GPIWA WTP	March 2019	<p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p> <p>Greater Pine Island Water Association Bill Thatcher, General Manager 5281 Pine Island Road Bokeelia, FL 33922 Phone: 239-283-1071 Fax: 239-283-7792 Email: wthatcher@pineislandwater.com</p> <p>Gina Lanzilotta, Senior Buyer/Financial Services/Procurement City of Cape Coral PO Box 150027 Cape Coral FL 33915-0027 Phone: 239-574-0834 Fax: 239-574-0837 Email: glanzlito@capecoral.net</p>	<p>Stantec Ms. Anamaria Sarmiento 2600 Douglass Road, Suite 600 Coral Gables, FL 33134 Direct: 786 313-5508 Mobile: 954 599-1561 anamaria.sarmiento@stantec.com</p>	18" 1,955'	12" FRP 1,951'	F	3,138'	A
Cape Coral Everest IW -1	February 2019	<p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p> <p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p>	<p>Jacobs Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@jacobs.com</p>	24" 2630'	N/A	N/A	3700'	P
Plant Crist IW-2	January 2019	<p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p> <p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p>	<p>Jacobs Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@jacobs.com</p>	24" 1,490'	7" FRP 1,472'	C	1905'	P
Plant Crist IW-1	January 2019	<p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p> <p>Guif Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com</p>	<p>Jacobs Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@jacobs.com</p>	24" 1,520'	7" FRP 1,502'	C	2290'	P

* Diameters are nominal ** F = Fluid-filled / C = Cemented *** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Marco Island IW-2	October 2018	City of Marco Island Bruce Weinstein, Ph.D. 50 Bald Eagle Drive Marco Island, FL 34145 Phone: 239-389-5000 Fax: 239-389-4359 Email: bweinstein@cityofmarcoisland.com	Water Science Associates Andrew McThenia P.G. 13620 Metro Ave. Suite 110 Ft. Myers, FL 33912 Phone: 239-246-1972 andy@wsaconsult.com	24" 2,638'	16" FRP 2,629'	C	3,230'	P
SCWRF IW-1	August 2018	Collier County Zamira Del Toro Project Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-6279 Fax: 239-252-5378 Email: zamiradeloro@colliersov.net	CDM Smith Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com	24" 2,590'	N/A	N/A	3,000'	P
Southwest & Northeast WRF 8 Wells	July 2018	City of St. Petersburg Ralph Craig, Hydrogeologist 1635 Third Avenue North St. Petersburg, FL 33713 Phone: 727-892-5669 Fax: 727-823-9152 Email: Ralph.Craig@stpete.org	ASRUS Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	24" 950'	N/A	N/A	1,110'	RTS
Southwest Cape Coral WRF- IW -1	June 2018	Services/Procurement Gina Lanzilotta, Senior Buyer/Financial City of Cape Coral PO Box 150027 Cape Coral FL 33915-0027 Phone: 239-574-0834 Fax: 239-574-0837 Email: glanzlito@capcoral.net	Stantec Ms. Anamaria Sarmiento 2600 Douglass Road, Suite 600 Coral Gables, FL 33134 Direct: 786 313-5508 Mobile: 954 599-1561 anamaria.sarmiento@stantec.com	24" 2950'	18" FRP 2940'	C	3020'	P
Burnt Store IW-2	May 2018	Charlotte County Kathleen Lindback, Contract Specialist 18500 Murdock Circle Port Charlotte, FL 33948 Phone: 941-743-1376 Fax: 941-743-1384 E-mail: kathy.lindback@charlottecountyfl.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	24" 2503"	18" FRP 2492'	C	3000'	P

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
NCWRF IW-1	March 2018	Collier County Zamira Del Toro Project Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-6279 Fax: 239-252-5378 E-mail: zamiradeltoro@colliersov.net Florida Power & Light Matthew Wetmore, PGD Env. Leader West County Energy Center 20505 State Road 80 Loxahatchee, FL 33470 Phone: 561-904-4907 E-mail: Matthew.Wetmore@FPL.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 E-mail: Dacquaviva@rma-geologic.com McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 E-mail: david@mcnabbhydroconsult.com McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 E-mail: david@mcnabbhydroconsult.com	24" 2,575'	N/A	N/A	3,250'	P
West County Energy Center IW-1	March 2018	Matthew Wetmore, PGD Env. Leader West County Energy Center 20505 State Road 80 Loxahatchee, FL 33470 Phone: 561-904-4907 E-mail: Matthew.Wetmore@FPL.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 E-mail: Dacquaviva@rma-geologic.com SCS Engineering Kevin Ramirez 7700 Kendall Drive Suite 300 Miami, FL 33156 Phone: 305-412-8185 Fax: 305-412-8105 E-mail: kramirez@scsengineers.com	20" 2,778'	16" FRP 2,778'	F	3,411'	A
West County Energy Center IW-2	March 2018	Matthew Wetmore, PGD Env. Leader West County Energy Center 20505 State Road 80 Loxahatchee, FL 33470 Phone: 561-904-4907 E-mail: Matthew.Wetmore@FPL.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-252-5378 E-mail: zamiradeltoro@colliersov.net Sole Mia SCS Engineers Biscayne Landing 2200 Northeast 143 St. North Miami, FL Phone: 305-412-8185 E-mail: kramirez@scsengineers.com	20" 2,720'	16" FRP 2,720'	F	3,250'	A
NCWRF IW-2	January 2018	Collier County Zamira Del Toro Project Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-6279 Fax: 239-252-5378 E-mail: zamiradeltoro@colliersov.net Sole Mia	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 E-mail: Dacquaviva@rma-geologic.com SCS Engineering Kevin Ramirez 7700 Kendall Drive Suite 300 Miami, FL 33156 Phone: 305-412-8185 Fax: 305-412-8105 E-mail: kramirez@scsengineers.com	24" 2,582'	N/A	N/A	3,250'	P
Sole Mia Biscayne Landing IW-2	December 2017	SCS Engineers Biscayne Landing 2200 Northeast 143 St. North Miami, FL Phone: 305-412-8185 E-mail: kramirez@scsengineers.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 E-mail: Dacquaviva@rma-geologic.com SCS Engineering Kevin Ramirez 7700 Kendall Drive Suite 300 Miami, FL 33156 Phone: 305-412-8185 Fax: 305-412-8105 E-mail: kramirez@scsengineers.com	16" 2,520'	11.75" FRP 2,505'	F	3,250'	A

* Diameters are nominal ** F = Fluid-filled / C = Cemented *** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
NCRWTP Vanderbilt IW-1	October 2017	Collier County Howard Brogdon, Plant Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5252 Fax: 239-252-6450 Email: HowardBrogdon@colliergov.net	CDM Smith Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com	20" / 2,497'	16" FRP / 2,375'	C	3,330'	P
Plant Smith IW-1	August 2017	Gulf Power Company Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com	CH2M HILL Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@ch2m.com	9-5/8" / 4,870'	6" FRP / 1,180'	F	7,058'	A
RO Plant North Plant IW -2	July 2017	Gina Lanzilotta, Senior Buyer/Financial Services/Procurement City of Cape Coral PO Box 150027 Cape Coral FL 33915-0027 Phone: 239-574-0834 Fax: 239-574-0837 Email: glanzilo@capecoral.net	Water Science Associates Andrew McThemia P.G. 13620 Metro Ave. Suite 110 Ft. Myers, FL 33912 Phone: 239-246-1972 andy@wsaconsult.com	22" / 2062'	16" FRP / 2048'	C	3000'	P
North Lee WTP IW-1	June 2017	Lee County Utilities Rand Edelstein, P.G. 2115 Second Street Fort Myers, FL 33901 Phone: 239-533-8164 Fax: 239-267-7997 Email: REdelstein@lee.gov.com	Johnson Engineering, Inc. Lonnie Howard, President 2122 Johnson Street Fort Myers, FL 33901 Phone: 239-334-0046 Fax: 239-334-3661 Email: LVH@johnsoneng.com	20" / 2,585'	12" FRP / 2,580'	C	2950'	P
Turkey Point IW-1	May 2017	Florida Power and Light Company Joseph Fazio, P.E., Proj. Eng. P.O. Box 14000 Juno Beach, FL 33408 Phone: 561-691-2451 Fax: 561-694-3360 Email: joseph.fazio@fpl.com	McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com	24" / 2,985'	18" FRP / 2,975'	F	3,230'	A

* Diameters are nominal ** F = Fluid-filled / C = Cemented *** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Zemel Road Landfill IW-1	March 2017	Charlotte County Public Works Solid Waste Division 25550 Harbor View Road Unit 2 Port Charlotte, FL 33980 Phone: 941-764-4360	Johnson Engineering, Inc. Lonnie Howard, President 2122 Johnson Street Fort Myers, FL 33901 Phone: 239-334-0046 Fax: 239-334-3661 Email: LVH@johnsoneng.com	12" 2,486'	8" FRP 2,466'	F	2710'	A
Palm Bay N.RegionalWWTP IW -1	September 2016	City of Palm Bay Susan Blair, CPPB, FCCM 120 Malabar Road SE Palm Bay, FL 32907 Phone: 321-952-3424 Fax: 321-952-3401 Email: susan.blair@pbfl.org	Wade Trim Christopher Little P.E. 3790 Dixie Highway NE, Suite D Palm Bay, FL 32905 Phone: 321-728-3389 Fax: 321-728-3393 Email: Clittle@WadeTrim.com	20" 2,053'	N/A	N/A	3005'	P
South Collier WTP- IW-2	August 2016	Collier County Alica Abbot 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5344 Fax: 239-252-6450 Email: AlicaAbbott@colliergov.net	WSP- Parsons Brinckerhoff Wm. Scott Manahan, P.E., Operations Manager 1567 Hayley Lane, Suite 202 Fort Myers, FL 33907 Phone: 239-481-6494 Fax: 239-481-6393 Email: scott.manahan@pbworld.com	24" 2,550'	16" FRP 2,549'	C	3,200'	P
South Collier WTP- IW -1	August 2016	Collier County Alica Abbot 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5344 Fax: 239-252-6450 Email: AlicaAbbott@colliergov.net	WSP- Parsons Brinckerhoff Wm. Scott Manahan, P.E., Operations Manager 1567 Hayley Lane, Suite 202 Fort Myers, FL 33907 Phone: 239-481-6494 Fax: 239-481-6393 Email: scott.manahan@pbworld.com	24" 2,278'	16" FRP 2,125'	C	3,200'	P
Polk Power IW-2	June 2016	Tampa Electric Company Catherine Magliocco, P.E., Proj. Mgr. P.O. Box 111 Tampa, FL 33601 Phone: 813-228-1346 Fax: 813-228-1560 Email: camagliocco@tecoenergy.com	HydroGeo Consulting, LLC Michael Weatherby, P.G. 11307 Hoot Owl Ct. Riverview, FL 33569 Phone: 813-643-1737 Email: michaelweatherby2015@gmail.com	18" 4,215'	10-3/4" FRP 4,228'	C	8,000'	P



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Polk Power IW-1	June 2016	Tampa Electric Company Catherine Magliocco, P.E., Proj. Mgr. P.O. Box 111 Tampa, FL 33601 Phone: 813-228-1346 Fax: 813-228-1560 Email: camagliocco@tecoenergy.com	HydroGeo Consulting, LLC Michael Weatherby, P.G. 11307 Hoot Owl Ct. Riverview, FL 33569 Phone: 813-643-1737 Email: michaelweatherby2015@gmail.com	18" 4,210'	10-3/4" FRP 4,220'	C	8,000'	P
Lee/Hendry SWD Facility IW-1	May 2016	Lee/Hendry SWD Facility Michael W. LeBlanc S.E.P. 5500 Church Road Felda, FL 33930 Phone: 239-369-7831 Fax: 239-368-6912 Email: MLeBlanc@leegov.com	MWH Americas, Inc. Edward Reutenwald, P.G. 5237 Summerlin Commons Blvd., Office 105 Fort Myers, FL 33907 Phone: 239-275-2228 ext. 2740 Fax: 239-236-0022 Email: edward.reutenwald@mwhglobal.com	12" 2,396'	6.96" FRP 2,391'	F	3,066'	A
NRWWTP IW-8	February 2016	Broward County Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 Email: gbalicki@broward.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,585'	N/A	N/A	3,507'	P
NRWWTP IW-7	February 2016	Broward County Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 Email: gbalicki@broward.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,585'	N/A	N/A	3,506'	P
IW-1	August 2015	City of Punta Gorda David Brooks, Supervisor WWT 326 West Marion Ave. Punta Gorda, FL 33950 Phone: 941-575-5059 Fax: 941-628-6319 Email: DBrooks@pgorda.us	Cardno ENTRIX Andrew McThenia, P.G., Senior Staff Scientist 13700 Ben C. Pratt Six Mile Cypress Pkwy. #1 Fort Myers, FL 33912 Phone: 239-574-1919 Fax: 239-574-8106 Email: Andrew.McThenia@cardno.com	20" 2,500'	N/A	N/A	2,850'	P



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
East Port IW-2	July 2015	Charlotte County Kathleen Lindback, Contract Specialist 18500 Murdock Circle Port Charlotte, FL 33948 Phone: 941-743-1376 Fax: 941-743-1384 E-mail: kathy.lindback@charlottecountyfl.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	20" 2,965'	N/A	N/A	3,246'	P
Peele-Dixie IW-1	July 2015	City of Fort Lauderdale Kimberly Nedd, Project Manager 100 N. Andrews Avenue Fort Lauderdale, FL 33301 Phone: 954-828-5064 Fax: 954-828-5074 E-mail: Knedd@fortlauderdale.gov	Hazen and Sawyer, P.C. Albert Muniz, P.E. 2101 NW Corporate Blvd., Suite 301 Boca Raton, FL 33431 Phone: 561-997-8070 Fax: 561-997-8159 Email: amuniz@hazenandsawyer.com	24" 3,000'	16" FRP 2,983'	C	3,500'	P
West Port IW-1	July 2015	Charlotte County Kathleen Lindback, Contract Specialist 18500 Murdock Circle Port Charlotte, FL 33948 Phone: 941-743-1376 Fax: 941-743-1384 E-mail: kathy.lindback@charlottecountyfl.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	12" 1,274'	N/A	N/A	1,650'	P
Burnt Store IW-1	June 2015	Charlotte County Kathleen Lindback, Contract Specialist 18500 Murdock Circle Port Charlotte, FL 33948 Phone: 941-743-1376 Fax: 941-743-1384 E-mail: kathy.lindback@charlottecountyfl.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	7.625" 2,494'	4.5" FRP 2,494'	F	3,268'	A
Center Road IW-1	May 2015	Sarasota County Public Utilities H. Cliff Harrison, P.G. 1001 Sarasota Center Blvd. Sarasota, FL 34240 Phone: 941-232-9835 Fax: 941-861-0986 Email: hharrison@scgov.net	Ardaman & Associates, Inc. Douglas Dufresne, P.G. 8008 South Orange Avenue Orlando, FL 32809 Phone: 407-855-3860 Fax: 407-859-8121 Email: DDufresne@ardaman.com	18" 1,540'	12.75" Duplex 1,504'	C	1,900'	P

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Three Oaks IW-1	April 2015	Lee County Utilities Rand Edelstein, P.G. 2115 Second Street Fort Myers, FL 33901 Phone: 239-533-8164 Fax: 239-267-7997 Email: REdelstein@leegov.com	Johnson Engineering, Inc. Kim Arnold, P.G. 2122 Johnson Street Fort Myers, FL 33901 Phone: 239-461-3329 Fax: 239-334-3661 Email: Karmold@johnsoneng.com	20" 2,100'	16" FRP 2,100'	F	3,015'	A
Key West IW-2	November 2014	City of Key West Elizabeth Ignoffo, E.I. 3110 Flagler Avenue Key West, FL 33040 Phone: 305-809-3966 Fax: 305-809-3857 Email: eignoffo@cityofkeywest-fl.gov	McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com	24" 2,775'	N/A	N/A	3,004'	P
Key West IW-1	October 2014	City of Key West Elizabeth Ignoffo, E.I. 3110 Flagler Avenue Key West, FL 33040 Phone: 305-809-3966 Fax: 305-809-3857 Email: eignoffo@cityofkeywest-fl.gov	McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com	24" 2,758'	N/A	N/A	3,000'	P
Pinewoods IW-1	October 2014	Lee County Utilities Rand Edelstein, P.G. 2115 Second Street Fort Myers, FL 33901 Phone: 239-533-8164 Fax: 239-267-7997 Email: REdelstein@leegov.com	MWH Americas, Inc. Edward Rechtenwald, P.G. 5237 Summerlin Commons Blvd., Office 105 Fort Myers, FL 33907 Phone: 239-275-2228 ext. 2740 Fax: 239-236-0022 Email: edward.rechtenwald@mwhglobal.com	14" 2,585'	9.625" FRP 2,582'	F	3,050'	A
RO WTP IW-1	September 2014	Gasparilla Island Water Association Bonnie Pringle, Utility Director P.O. Box 310 Boca Grande, FL 33921 Phone: 941-964-2423 Fax: 941-964-0625 E-mail: bonniegiwa@comcast.net	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	11.75" ID 1,490'	7.625" FRP 1,485'	C	1,700'	P

* Diameters are nominal ** F = Fluid-filled / C = Cemented *** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
East Port IW-1	September 2014	Charlotte County Alisa True, Contract Specialist 18500 Murdock Circle Port Charlotte, FL 33948 Phone: 941-743-1549 Fax: 941-743-1384 E-mail: alisa.true@charlottefl.com City of St. Petersburg	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 E-mail: Dacquaviva@rma-geologic.com CH2M HILL	8" 2,977'	N/A	N/A	3,242'	P
Northwest WRF IW-1	June 2014	Ralph Craig, Hydrogeologist 1635 Third Avenue North St. Petersburg, FL 33713 Phone: 727-892-5669 Fax: 727-823-9152 E-mail: Ralph.Craig@stpete.org City of St. Petersburg	Pete Larkin, P.G., Project Manager 4350 W. Cypress St., Suite 600 Tampa, FL 33607 Phone: 813-874-0777 Fax: 813-874-3056 E-mail: pete.larkin@ch2m.com CH2M HILL	30" 756'	N/A	N/A	1,115'	N/A
Northwest WRF IW-2	June 2014	Ralph Craig, Hydrogeologist 1635 Third Avenue North St. Petersburg, FL 33713 Phone: 727-892-5669 Fax: 727-823-9152 E-mail: Ralph.Craig@stpete.org Broward County	Pete Larkin, P.G., Project Manager 4350 W. Cypress St., Suite 600 Tampa, FL 33607 Phone: 813-874-0777 Fax: 813-874-3056 E-mail: pete.larkin@ch2m.com Hazen and Sawyer, P.C.	30" 756'	N/A	N/A	1,110'	N/A
NRWWTP IW-5	June 2014	Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 E-mail: gbalicki@broward.org Broward County	Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 E-mail: mwengrenovich@hazenandsawver.com Hazen and Sawyer, P.C.	24" 2,990'	N/A	N/A	3,507'	P
NRWWTP IW-4	May 2014	Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 E-mail: gbalicki@broward.org	Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 E-mail: mwengrenovich@hazenandsawver.com	24" 2,990'	N/A	N/A	3,501'	P

* Diameters are nominal

** F = Fluid-filled / C = Cemented

*** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
NRWWTP IW-3	May 2014	Broward County Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 Email: gbalicki@broward.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,990'	N/A	N/A	3,505'	P
Norwood WTP DIW	May 2014	City of North Miami Beach "Jeff" Huren An, Ph.D., P.E. 17050 NE 19th Avenue North Miami Beach, FL 33162 Phone: 305-948-2967 Fax: 305-957-3502 Email: jeff.an@citynmb.com	Neil A. Johnson, P.G. 100 S. Dixie Hwy, Suite 300 West Palm Beach, FL 33325 Phone: 561-650-0070 Fax: 561-650-0074 Email: neil.a.johnson@mwhglobal.com	20" 2,858'	14.5" FRP 2,853'	F	3,420'	P
WTP IW-1	May 2014	City of Pompano Beach Phil Hyer, Utilities Superintendent 1201 NE 5 Avenue Pompano Beach, FL 33061 Phone: 954-545-7030 Fax: 954-545-7046 Email: phyer@copbfl.com	Edward Rectenwald, P.G. 5237 Summerlin Commons Blvd., Office 105 Fort Myers, FL 33907 Phone: 239-275-2228 ext. 2740 Fax: 239-236-0022 Email: edward.rectenwald@mwhglobal.com	24" 2,291'	16" 2,271'	C	2,901'	P
NRWWTP IW-2	May 2014	Broward County Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 Email: gbalicki@broward.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,990'	N/A	N/A	3,521'	P
NRWWTP IW-1	April 2014	Broward County Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 Email: gbalicki@broward.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,990'	N/A	N/A	3,512'	P

* Diameters are nominal

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*** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam./ Depth) *	Injection Tubing (Diam./ Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
NRWWTP IW-6	April 2014	Broward County Gregory M. Balicki, P.E. 2555 W. Copans Road Pompano Beach, FL 33069 Phone: 954-831-0903 Fax: 954-831-0798 Email: gbalicki@broward.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,990'	N/A	N/A	3,510'	P
NCRWTP IW-2	April 2014	Collier County Howard Brogdon, Plant Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5252 Fax: 239-252-6450 Email: HowardBrogdon@colliergov.net	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@edmsmith.com	20" 2,495'	16" FRP 2,460	C	3,200'	P
GPIWA WTP	March 2014	Greater Pine Island Water Association Bill Thatcher, General Manager 5281 Pine Island Road Bokeelia, FL 33922 Phone: 239-283-1071 Fax: 239-283-7792 Email: wthatcher@pineislandwater.com	RMA Geologic Consultants, Inc. Daniel Acquaviva, P.G., Vice President 12771 World Plaza Ln., Bldg. 87, Suite 1 Fort Myers, FL 33907 Phone: 239-415-1818 Fax: 239-415-1919 Email: Dacquaviva@rma-geologic.com	18" 1,955'	12" FRP 1,951'	F	3,138'	A
CSID IW-2	January 2014	Coral Springs Improvement District Edward Stover, Chief Operator 10300 NW 11th Manor Coral Springs, FL 33071 Phone: 954-752-1797 Fax: 954-757-4850 Email: eds@fladistricts.com	McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabhydroconsult.com	24" 2,900'	N/A	N/A	3,500'	P
CSID IW-1	January 2014	Coral Springs Improvement District Edward Stover, Chief Operator 10300 NW 11th Manor Coral Springs, FL 33071 Phone: 954-752-1797 Fax: 954-757-4850 Email: eds@fladistricts.com	McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabhydroconsult.com	12" 3,006'	N/A	N/A	3,500'	P

* Diameters are nominal

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Marco Island IW-2	October 2013	City of Marco Island Bruce Weinstein, Ph.D. 50 Bald Eagle Drive Marco Island, FL 34145 Phone: 239-389-5000 Fax: 239-389-4359 Email: bweinstein@cityofmarcoisland.com Collier County	Cardno ENTRIX John Mayhuth, Senior Project Scientist 13700 Ben C. Pratt Six Mile Cypress Pkwy. #1 Fort Myers, FL 33912 Phone: 239-574-1919 Fax: 239-574-8106 Email: John.Mayhuth@cardno.com CDM Smith	24" 2,638'	16" FRP 2,629'	C	3,230'	P
NCRWTP IW-2	July 2013	Howard Brogdon, Plant Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5252 Fax: 239-252-6450 Email: HowardBrogdon@colliergov.net Collier County	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com CDM Smith	20" 2,495'	16" FRP 2,460'	C	3,200'	P
NCRWTP IW-1	July 2013	Howard Brogdon, Plant Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-5252 Fax: 239-252-6450 Email: HowardBrogdon@colliergov.net Collier County	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com CDM Smith	18" 1,955'	12" FRP 1,951'	F	3,138'	A
WRF IW-2	June 2013	Peter Schalt, Senior Project Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-4285 Fax: 239-252-5378 Email: PeterSchalt@colliergov.net Collier County	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com CDM Smith	24" 2,582'	N/A	N/A	3,250'	P
WRF IW-1	June 2013	Peter Schalt, Senior Project Manager 3339 Tamiami Trail East, Suite 303 Naples, FL 34112-5361 Phone: 239-252-4285 Fax: 239-252-5378 Email: PeterSchalt@colliergov.net Collier County	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com CDM Smith	24" 2,575'	N/A	N/A	3,250'	P

* Diameters are nominal

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
SCRWWTP IW-1	May 2013	South Central Regional WWT&DB Dennis Coates, Executive Director 1801 N. Congress Avenue Delray Beach, FL 33445 Phone: 561-272-7061 Fax: 561-265-2357 Email: dcoates@scrwwtp.org Florida Power & Light	Hazen and Sawyer, P.C. Albert Muniz, P.E. 2101 NW Corporate Blvd., Suite 301 Boca Raton, FL 33431 Phone: 561-997-8070 Fax: 561-997-8159 Email: amuniz@hazenandsawyer.com McNabb Hydrogeologic Consulting, Inc.	24" 2,430'	N/A	N/A	3,024'	P
West County Energy Center IW-1	May 2013	Matthew Wetmore, PGD Env. Leader West County Energy Center 20505 State Road 80 Loxahatchee, FL 33470 Phone: 561-904-4907 E-mail: Matthew.Wetmore@FPL.com Florida Power & Light	David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com McNabb Hydrogeologic Consulting, Inc.	20" 2,778'	16" FRP 2,778'	F	3,411'	A
West County Energy Center IW-2	May 2013	Matthew Wetmore, PGD Env. Leader West County Energy Center 20505 State Road 80 Loxahatchee, FL 33470 Phone: 561-904-4907 E-mail: Matthew.Wetmore@FPL.com City of Sunrise	David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com McNabb Hydrogeologic Consulting, Inc.	20" 2,720'	16" FRP 2,720'	F	3,250'	A
Sawgrass WWTP IW-3	April 2013	Ted Petrides, P.E. 777 Sawgrass Corporate Parkway Sunrise, FL 33325 Phone: 954-888-6000 Fax: 954-846-7404 E-mail: Tpetrides@sunrisefl.gov City of Sunrise	Michael Wengrenovich, P.E. Hazen and Sawyer, P.C. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,988'	N/A	N/A	3,350'	P
Sawgrass WWTP IW-1	April 2013	Ted Petrides, P.E. 777 Sawgrass Corporate Parkway Sunrise, FL 33325 Phone: 954-888-6000 Fax: 954-846-7404 E-mail: Tpetrides@sunrisefl.gov	Michael Wengrenovich, P.E. Hazen and Sawyer, P.C. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,700'	N/A	N/A	3,200'	P



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Sawgrass WWTP IW-2	April 2013	City of Sunrise Ted Petrides, P.E. 777 Sawgrass Corporate Parkway Sunrise, FL 33325 Phone: 954-888-6000 Fax: 954-846-7404 Email: tpetrides@sunrisefl.gov	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,720'	N/A	N/A	3,200'	P
WWTP Injection Well	January 2013	City of West Melbourne Keith Mills, Deputy City Mgr. 2240 Minton Road West Melbourne, FL 32904 Phone: 321-837-7777 Fax: 321-768-2390 Email: kmills@westmelbourne.org	Gerrit Bulman, Hydrogeologist 800 Fairway Drive, Suite 350 Deerfield Beach, FL 33441 Phone: 954-426-4008 Fax: 954-698-6010 Email: gbulman@ch2m.com	14" 1,980'	N/A	N/A	2,409'	P
Polk Power IW-1 (Re-Rate)	January 2013	Tampa Electric Company Catherine Magliocco, P.E., Proj. Mgr. P.O. Box 111 Tampa, FL 33601 Phone: 813-228-1346 Fax: 813-228-1560 Email: camagliocco@tecoenergy.com	MWH Americas, Inc. Edward Rectenwald, P.G. 5237 Summerlin Commons Blvd., Office 105 Fort Myers, FL 33907 Phone: 239-275-2228 ext. 2740 Fax: 239-236-0022 Email: edward.rectenwald@mwhglobal.com	18" 4,210'	10-3/4" FRP 4,220'	C	8,000'	P
Polk Power IW-2	January 2013	Tampa Electric Company Catherine Magliocco, P.E., Proj. Mgr. P.O. Box 111 Tampa, FL 33601 Phone: 813-228-1346 Fax: 813-228-1560 Email: camagliocco@tecoenergy.com	MWH Americas, Inc. Edward Rectenwald, P.G. 5237 Summerlin Commons Blvd., Office 105 Fort Myers, FL 33907 Phone: 239-275-2228 ext. 2740 Fax: 239-236-0022 Email: edward.rectenwald@mwhglobal.com	18" 4,215'	10-3/4" FRP 4,228'	C	8,000'	P
SRWWTP IW-1	Sept. 2012	City of Hollywood Jeff Jiang, P.E., Project Manager 1621 N. 14 Avenue Hollywood, FL 33022 Phone: 954-921-3930 Fax: 954-921-3258 Email: fjiang@hollywoodfl.org	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazenandsawyer.com	24" 2,880'	N/A	N/A	3,500'	P



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
SRWWTP IW-2	Sept. 2012	City of Hollywood Jeff Jiang, P.E., Project Manager 1621 N. 14 Avenue Hollywood, FL 33022 Phone: 954-921-3930 Fax: 954-921-3258 Email: fjiang@hollywoodfl.org San Antonio Water System	Hazen and Sawyer, P.C. Michael Wengronovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengronovich@hazensandsawyer.com Subsurface Technology, Inc. Larry McDonald 6925 Portwest Drive, Suite 110 Houston, TX 77024 Phone: 713-880-4640 Fax: 713-880-3248 Email: lmcdonald@subsurfacegroup.com CH2M HILL	24" 2,880'	N/A	N/A	3,499'	P
IW-1	June 2012	Kevin Morrison, P.G. 2800 US Highway 281 North San Antonio, TX 78298 Phone: 210-233-3667 Fax: 210-233-4853 Email: kevin.morrison@saws.org Gulf Power Company	Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@ch2m.com McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com CDM Smith	9-5/8" 4,195'	7" 4,165'	F	5,040'	A
Plant Smith IW-1	June 2012	Richard M. Markey, Super. of Water One Energy Place Pensacola, FL 32520 Phone: 850-444-6573 Fax: 850-444-6217 Email: rmmarkey@southernco.com	Jeffrey D. Lehnen, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@ch2m.com McNabb Hydrogeologic Consulting, Inc. David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com CDM Smith	9-5/8" 4,870'	6" FRP 1,200'	F	7,058'	A
IW-3	May 2012	Jose Perez, Technical Representative 485 E. Villa Road El Centro, CA 92243 Phone: 760-339-0570 Fax: 760-339-0838 Email: jperez@iid.com City of North Port	David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@mcnabbhydroconsult.com CDM Smith	9-5/8" 2,120'	7" 2,735'	F	2,740'	A
Deep Injection Well #1	April 2012	Jerry Manning, Plant Ops. Mgr. 6644 W. Price Blvd. North Port, FL 34291 Phone: 941-426-9500 Fax: 941-426-5409 Email: imanning@cityofnorthport.com	Jason Sciandra, P.E., Senior Project Manager 2180 West First Street, Suite 400 Fort Myers, FL 33901 Phone: 239-938-9600 Fax: 239-339-6418 Email: SciandraJA@cdmsmith.com	24" 1,106'	14" 1,100'	F	3,200'	A

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All wells experienced artesian pressure



Layne Christensen Company UIC Well Mechanical Integrity Testing References

Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
Central Plant IW	March 2012	City of Plantation Victor Pedlar, Water Ops. Super. 400 NW 73 Avenue Plantation, FL 33317 Phone: 954-452-2544 Fax: 954-452-2546 Email: vpedlar@plantation.org Florida Power and Light Company	Hazen and Sawyer, P.C. Michael Wengrenovich, P.E. 4000 Hollywood Blvd., 750N N. Tower Hollywood, FL 33021 Phone: 954-987-0066 Fax: 954-987-2949 Email: mwengrenovich@hazensandsawyer.com McNabb Hydrogeologic Consulting, Inc.	16" 2,778'	11-3/4" FRP 2,664'	C	3,340'	P
Turkey Point IW-1	March 2012	Joseph Fazio, P.E., Proj. Eng. P.O. Box 14000 Juno Beach, FL 33408 Phone: 561-691-2451 Fax: 561-694-3360 Email: joseph.fazio@fpl.com Imperial Irrigation District	David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@menabbhydroconsult.com McNabb Hydrogeologic Consulting, Inc.	24" 2,990'	18" FRP 2,990'	F	3,230'	A
IW-1	December 2011	Jose Perez, Technical Representative 485 E. Villa Road El Centro, CA 92243 Phone: 760-339-0570 Fax: 760-339-0838 Email: jperez@iid.com Tampa Electric Company	David McNabb, P.G. 601 Heritage Drive, Suite 110 Jupiter, FL 33458 Phone: 561-623-5468 Fax: 561-623-5469 Email: david@menabbhydroconsult.com MWH Americas, Inc.	9-5/8" 2,194'	7" 2,724'	F	2,750'	A
Polk Power IW-1	August 2011	Catherine Magliocco, P.E., Proj. Mgr. P.O. Box 111 Tampa, FL 33601 Phone: 813-228-1346 Fax: 813-228-1560 Email: camagliocco@tesoenergy.com St. Lucie West Services District	Edward Rectenwald, P.G. 5237 Summerlin Commons Blvd., Office 105 Fort Myers, FL 33907 Phone: 239-275-2228 ext. 2740 Fax: 239-236-0022 Email: edward.rectenwald@mwhglobal.com HydroDesigns, Inc.	18" 4,210'	10-3/4" FRP 4,220'	C	8,000'	P
IW-1	May 2010	Dennis Pickle, District Manager 450 SW Utility Drive Port St. Lucie, FL 34986 Phone: 772-340-0220 Fax: 772-871-5726 Email: dpickle@stwsd.org	Aimee Fratarcangeli, P.G. 10401 Brushfield Street Riverview, FL 33569 Phone: 813-610-5071 Fax: 813-671-8552 Email: geode933@aol.com	12" 2,704'	7-5/8" FRP 2,664'	F	3,295'	A

* Diameters are nominal ** F = Fluid-filled / C = Cemented *** P = Down Hole Packer / A = Annular
All wells experienced artesian pressure



Resumes

We have included in the following some of our key employees, Final personnel for this project will be chosen at time of Notice to Proceed

Layne Christensen Company
5741 Zip Drive
Fort Myers, FL 33905
PH: 239.275.1029
FX: 239.275.1025
www.layne.com



A GRANITE COMPANY

Contact

timcechini@msn.com

www.linkedin.com/in/timothy-cechini (LinkedIn)

Top Skills

Organizational Leadership

Business Development

Business Relationship Management

Certifications

Unconscious Bias

Certified Well Driller - HSA, Air Rotary, Mud Rotary, Flooded Reverse, and Monitoring Wells

Timothy Cechini MBA

Aggressively looking for new opportunity in operations, business development water and mining

Riverside, California, United States

Summary

Experienced Senior Vice President of Operations with an extensive demonstrated history of growth, strong organizational leadership, business development, and regional management. Prior P&L responsibility of \$90M spread over 12 brick and mortar locations in the West. I have traveled for work full time for the past 14 years and I still enjoy it.

Experience

FUGRO USA LAND, INC.

Exploration Manager California

April 2021 - July 2022 (1 year 4 months)

Commerce, CA

Customer facing sales and program management for drilling related projects in California. Tasked with growing Fugro's drilling footprint in California

3Tier Consulting

Owner

January 2020 - April 2021 (1 year 4 months)

Riverside, California, United States

In my consulting firm, I use my background of contract development, negotiation, and extensive leadership to provide expert advice to companies in the drilling, specialty, and construction industries.

Additional guidance is offered with managerial issues in a variety of industries to increase cost savings. Expertise and confidentiality are paramount with my work, and this is the reason all of my work is solely through referrals.

Cascade Environmental, LLC

4 years 8 months

SVP of Operations, West Division

January 2016 - September 2019 (3 years 9 months)

Upland, CA

P&L responsibility for \$90 million spread over 12 locations in the West.
Constructed a Center of Excellence to centralize like functions (payroll, DOT, IRP etc.) for half of the US locations including other Divisions. Integrated \$30 million 4 regional office acquisition into West team.

Vice President Drilling Operations, Western Region
February 2015 - September 2019 (4 years 8 months)
Upland, California

Yellow Jacket Drilling Services, LLC
District Manager
August 2013 - February 2015 (1 year 7 months)
Rancho Cucamonga

Started up new office location for YJ Drilling in California. Grew revenue from zero to nearly \$1 million monthly in 12 months. Recruited office and field staff to grow with the revenue stream. Business development, and industry resource

National Exploration, Wells & Pumps
District Manager
August 2012 - June 2013 (11 months)
Montclair, California

Sales and P&L responsibility of 20M spread over 3 locations in California. Migrated entire operating team for Southern and Northern CA to National when WDC was liquidated. Team was up and running in a matter of days. Maintained workforce, projects, and customers in the transition.

WDC Exploration & Wells
8 years 2 months
District Manager
August 2006 - September 2012 (6 years 2 months)

Sales and P&L responsibility of 30M spread over 3 locations in California. Started as a sales person and was continually promoted with increasing levels of responsibility to head of operations for the Company. Budgeting, strategic planning, recruiting, customer facing sales, and industry resource.

Business Development
August 2004 - August 2006 (2 years 1 month)

Layne Christensen
Project Manager

November 1992 - August 2004 (11 years 10 months)

Qualify and develop prospective clients, write proposals, estimate projects, negotiate contracts, schedule equipment and resources, procure supplies and specialty products, manage drilling and service projects, invoice and collect accounts. Developed and negotiated several large ongoing projects with contract values from \$500,000 to \$2,500,000. Daily contact with clients on multiple projects throughout California and Nevada. Negotiated change orders and minimized warranty issues for current and past projects.

Education

California Baptist University

Master of Business Administration · (2019 - 2020)

Colorado State University

BS, Geology · (1984 - 1989)



Bill Stuckey

General Manager, Southeast Operations

Experience

			Areas of Specialized Competence
General Manager	Layne Christensen	(2017 – Present)	
Manager, CA Operations	National EWP, Montclair, CA	(2013 – 2015)	
Client Services	National EWP, Montclair, CA	(2012 – 2014)	
Client Services	WDC Exploration & Wells, Montclair, CA	(2004 -- 2012)	
Project Manager	Shawver Well Company, Fredericksburg, IA	(2003 – 2004)	Safety Leadership
Asst. Zone Manager	Boart Longyear, Indianapolis, IN	(2002 – 2003)	
Driller	Boart Longyear, Indianapolis, IN	(2000 – 2002)	
Rig Hand and Lab Technician	G&I Exploration, Terre Haute, IN	(1997 -- 2000)	Specialized Drilling Contractor

Education & Certifications

- B.S. Geology, Indiana State University, 2000
- Thesis published: *Revisiting the paleomagnetism of the 1.476 GA St. Francois Mountains igneous province, Missouri* (Tectonics, Vol. 21, No.2 10.1029/2000TC001265, 2002)
- McBeth-Talisman Award, Indiana State University Department of Geology, Geography and Anthropology, 2000
- Baroid Mud School, 2008
- Solinst CMT Certification, 2007
- The Dale Carnegie Course, 2006
- Grundfos Groundwater and Pump Course, 2005
- OSHA Substance Abuse Supervisor Training, 2006
- OSHA CFR 1910.120 HAZWOPER, Initial and Annual Updates
- MSHA, Initial and Annual Updates
- Chevron/Exxon Mobil LPS, Initial and Annual Updates
- Red Cross First Aid/CPR. Initial and Annual Updates
- Certified National Groundwater Association Driller

Operations
Management

Project &
Contract
Administration

Well Design &
Repair

Pump Design &
Repair

Well Testing &
Rehabilitation

Responsibilities

Safety, operational and financial leadership of 175 employees working from seven Layne offices servicing 10 states in the southeastern United States.



Ethan Nieves

Project Manager, Injection Well Operations

Experience

Project Manager	Layne Christensen Company	(2016 to Present)
Business Manager	Snowline Group	(2021 to 2022)
Clerk	Michalski & Gubernat P.C.	(2018 to 2020)
Manager	The Children's Place	(2016 to 2019)

Education

- Bachelor of Science at Northern Illinois University Dekalb, IL

Licenses/Certifications

- Microsoft Excel Certified

Representative Water Resource Projects

Experience in budgeting and coordinating resource and material allocation for water construction job sites, managing, and conducting client communications, submitting purchase orders, and managing projects.

Experience in project management in various industries including water construction,

- Managed MITS in the state of Florida
- Managed multiple chemical and various material clientele
- Multiple Water production well construction projects as a Project Manager

Responsibilities

Construction Management, Bid Preparation, Job Costing, Purchasing, Scheduling, Site Layout, Client Communications, Submittals, Pay Requests, Final Walkthroughs and Punch-list Completions

Areas of Specialized Competence

Construction Management

Bid Preparation

Job Costing

Procurement

Personnel Management



A GRANITE COMPANY

Dillon Grabb

Project Manager, Savannah GA

Experience

Project Manager	Layne Christensen Company	(2022 - Present)
Project Manager	Analogic	(2020 – 2022)
Area Manager	Royal Caribbean Cruise Lines	(2019 – 2020)
Project Manager	Baltec Marine	(2016 - 2019)
Project Manager	Baltec Marine	(2014 – 2016)
Field Engineer	Halliburton	(2011 - 2014)

Areas of Specialized Competence

Project Manger
Operations Management
Project Scheduling and Estimation

Education & Certificates

- B.S Mechanical Engineering of Technology Oklahoma State University, 2011
- Project Management Professional, PMI
- OSHA 10
- Baroid mud school, 2012
- Halliburton drill bit design school, 2012
- Sperry directional drilling training, 2012
- Forklift Training

Project Execution

Construction Team Management

Staff Development & Team Building

Responsibilities

Project and Operations management, Bid Preparation, Purchasing, Project Schedule Control, Client Communications, Submittals, Pay Requests and Punch-lists Completions, job Costing, Permitting, Subcontractor Oversight. Oversee all procedures and operations with crews. Ensure all supplies with all tools and required parts are ready so the job runs smoothly with no down time. Supply all personal with proper safety equipment required by policy. Ensure all follow safe working operations per company and OSHA policy.

Budgeting & Forecasting

Project Engineering

Process Improvement

Safety Leadership



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Carl Wittenborn
Operations Manager

Experience

Non Drilling Operations	Layne Christensen Company	{2015-present}
Truck Driver	Layne Christensen Company	{2014-2014}
Handy Man	Self-Employed	{2013-2014}
Crain Operator	Youngquist Brothers, Inc.	{2007-2013}

Areas of Specialized Competence

Well & Pump
rehabilitation

Well Pump
Maintenance

Trouble Shooting
Well Problems

Mechanical
Integrity Testing
on Wells

EDUCATION

- Cahokia High School
- GED

Licenses Held

- NCCCO Certified Crane Operator
- Class A CDL with Tanker Endorsement

Current Safety Certifications

- OSHA 10
- First Aid
- CPR
- Backhoe Safety
- Safe Driver Training
- Respirator and Fit Test
- Rigging Safety
- Forklift Safety

Responsibilities

- Well Maintenance
- Chemical Well Rehabilitation
- Vertical Turbine Installation
- Submersible Pump Installation
- Mechanical Integrity Testing of Injection Well
- Trouble Shooting Well or Pump Problems

Oversee all procedures and operations of R & I crew. Ensure supplied with all tools and needed parts so rig runs smoothly and safely, with no down time. Work with company shop supervisor and trucking to coordinate rig moves. Coordinate all special rig operations IE, repairs, well control situations and rigging. • Supply all personal with proper safety equipment required by policy, ensure all employees follow safe working operations per company and OSHA policy. Lead a 3 man crew through all R&I operations to be performed daily. Lead and run any and all 3rd party working on or with the company equipment and or rigging operations.



Josh Davis
Sales Account Manager

Experience

Sales Account Manager	Layne Christensen Company	(2020– Present)
Sales/Project Management	Rowe Drilling	(2018-2020)
Sales/Project Management	Lanier Roofing & Restoration	(2017-2018)
Area Manager	Badger Daylighting	(2016-2017)
Branch Manager	Ferguson Waterworks	(2009-2016)

Areas of Specialized Competence

Client relations

Well
abandonment

Well and pump
rehabilitation

Well pump
maintenance

Trouble
shooting well
problems

Education

- Southeast Bulloch High School
- University of Georgia
- Georgia Southern University

Current Safety Certifications

- OSHA 10
- First Aid
- CPR
- Rigging Safety
- Forklift Safety
- Supervisor Safety Training

Representative Experience

13 years in the construction industry, and 4 years in the well and pump business. Duties included all aspects of well and pump sales, installation, service, maintenance, and rehabilitation.

Responsibilities

Oversee client relations and sales for the market area of GA and North FL. Assist in daily operations of crews, see all material are available for job and crews understand scope of work and responsibilities to safely and efficiently complete work. Communicate with customers about their needs, and how we can help them.



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JUAN NIETO

Foreman, R&I Pump, Injection Well Operations

Experience

Foreman- - R & I Pump	Layne Christensen Comp.	(2015-present)
R & Pump Tech	Layne Christensen Com.	(2012-2015)
Derrick Hand	Layne Christensen Co.	(2010-2012)
Derrick Hand	Youngquist Brothers	(2006-2012)
Driller Versa Drill Rig	Youngquist Brothers	(2005-2006)
Farm Tech	University of Florida	(1996-2006)
Mechanic	U.S. ARMY	(1992-1995)

Education

- Immokalee High School
- U.S. ARMY

Licenses Held

- Class A CDL
- NCCCO Certified Crane Operator

Current Safety Certifications

- OSHA 10
- First Aid
- CPR
- Backhoe Safety
- Safe Driver Training
- Respirator and Fit Test
- Rigging Safety
- Forklift Safety

Representative Projects

Have over 10 years in deep injection wells procedures. Started as a floor hand moved up to a derrick hand then moved over to repair and installation pumps. Started as a field tech on the R&I pump crew and now currently am a foreman on the crew.

Responsibilities

Oversee all procedures and operations with R&I crew. Ensure all supplies with all tools and required parts are ready so the job runs smoothly with no down time. Supply all personal with proper safety equipment required by policy. Ensure all follow safe working operations per company and OSHA policy. Lead a 3 man crew through all R&I, time sheets, JSA, daily safety meetings and operations to be performed daily.

Areas of Specialized Competence

Well and pump rehabilitation

Well pump maintenance

Trouble shooting well problems

Mechanical Integrity Testing on Wells

Submersible pump installation



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Luis F. Morey

Geophysical Logging Services & R & I Pumps,
Injection Well Operations

Experience

Geophysical Logging Engineer	Layne Christensen Company	(2015 – Present)
Casedhole Wireline Operator	Nine Energy Services Inc.	(2014-2015)
Geophysical Logging Operator/Engineer	Youngquist Brothers, Inc.	(2007-2013)
Scalehouse Operator	Youngquist Brothers Rock	(2006 – 2007)

Areas of Specialized Competence

Geophysical
Well Logging

Operations

Equipment
Operations

Jobsite
Management

Education

- Associates degree in Microsoft Network Southwest Florida College,
- Engineering and Data Base Administration Fort Myers, FL(2003-2006)

Training

- 24 Hour Radiation Safety Course For Well Loggers
- Portable Nuclear Gauge RSO Class
- OSHA 10 Hour Construction
- Annual Radiation Safety Refresher Course

Representative Projects

Assisted or managed MIT Logging operations for Class 1 injection well MIT Projects

Florida Deep Well experience began in 2007. Trained on the job to become familiar with all phases of well logging.

Responsibilities

Current responsibilities include *Wireline Operations and Well Logging. Project management onsite during well logging operations.*

Previous responsibilities included all areas of *geophysical well logging on multiple UIC injection well projects in South Florida.*



Matt Hodges, GSP
Regional Safety Specialist III

Experience

Layne Health and Safety Specialist	(02.22.22-Present)	Areas of Specialized Competence
Southland Safety Coordinator 1	(02.21.22-02.12.22)	
Granite Safety Internship	(05.2020-08.2020)	
Safety Team member for Sodexo	(01.2018-08.2019)	

Client relations

Well

abandonment

Education

<ul style="list-style-type: none"> ▪ Murray State University 	(08.12.16 - 11.02.2020)	Well and pump
Bachelor of Science in OSH	Murray, Ky	

rehabilitation

Well pump

Licenses/Certifications

<ul style="list-style-type: none"> ▪ Board of Certified Safety Professional ▪ 30-hr Construction Safety and Health ▪ 30-hr General Industry Safety and Health ▪ Qualified Signalperson & Basic Rigger Certification ▪ MSHA certified (Site specific) ▪ Phosphate Procedures (Site specific) 		maintenance

Trouble

shooting well

problems

Responsibilities

Drive Safety Culture by developing and implementing a proactive Culture where employees are highly engaged. Collaborate with Corporate Safety to develop and implement Safety Training and Compliance Material. Provide Safety expertise for both Employees, as well as Management. Corporate with management and ensure everyone is on the same page.



Mark Aaron Davis
Regional Safety Manager

Experience

Regional Safety Manager	Layne Christensen Company	(2017 - Present)
Ground Safety Officer	Arkansas Army National Guard	(2017-Present)
Outreach OSHA Instructor	Layne Christensen Company	(2019 - Present)
Field Safety Manager	Discovery Acquisition Services	(2010-2017)
Range Safety Officer	Arkansas Army National Guard	(2002-Present)
Explosive Technician	United States Marine Corps	(1998-2002)

**Areas of
Specialized
Competence**

General
Industry
Safety

Safety
&
Health
Management

OSHA
Trainer

Fall Protection
Competent
Person

Machine
Guarding
Procedures

CPR/ First Aid
Instructor

Education

Tulsa Welding School- Master Welder Certification, Tulsa, OK
Arkansas State University, Newport, AR

Licenses/Certifications

- OSHA Authorized Instructor General Industry (501)
- American Red Cross CPR/FA/AED Instructor
- Ground Safety Officer Certified (GSOC)

Representative Safety Projects

11 years of Safety and Construction/General Industry experience. Experienced Safety Professional in the Supervision, training, qualification, and professional development of management and craft personnel. 7+ years in development and implementation of proactive Safety cultures in a wide array of projects from Seismic drilling, surveying, permitting, live fire ranges, and environmental safety projects.

- Fall Protection Competent Inspector-3M
- Developed curriculum for OSHA Training for Train the Trainer Courses, Employee Training as well as Credit Students
- Sought out by Corporate Safety to develop Policies and Procedures
- Expert Witness in Workman’s Comp Legal proceedings

Responsibilities

Drive Safety Culture by developing and implementing a proactive Culture where employees are highly engaged. Collaborate with Corporate Safety to develop and implement Safety Training and Compliance Material. Provide Safety expertise for both Employees, as well as Management.



Vladislav Ishimov
Driller , Water Resources

Experience

Driller	Layne Christensen Company	(2021 – Present)
Driller	Florida Design Drilling	(2021 – 2021)
Driller	Rowe Drilling/ Suez	(2019 – 2021)
Driller	Layne Christensen Company	(2018 – 2019)
Driller	Youngquist Brothers, Inc.	(2016 – 2018)
Driller / Floorhand	Layne Christensen Company	(2010 – 2016)

Areas of Specialized Competence

Drilling Management and Operations

Safety Operations

Education

- High School Diploma Pirtechnyi, Russia

Establishment of drill crew safety and operational training methods.

Certifications

- 2021-30-Hour Occupational Safety and Health Training course in Construction Safety and Health
- 2021 - 24 Hour Hazardous Waste Operations and Emergency Response Standard (HAZWOPER)
- Layne-Christensen Certification to run loaders, forklifts, and track hoe
- First Responder and CPR

Respected working partnerships with clients, vendors and on site personal.

Responsibilities

- Drill and install casing for 7,000-foot wells for wastewater/concentrate injection.
- Direct safety and training of 2-man crew during daily activities.
- Maintain and operate various drilling rigs.
- Responsibilities include logistics for continuous operation, analysis of ground formation encountered so that proper drilling procedures and mud are implemented to avoid problems.
- Prepare mobilization to drilling site (cleared area, fill and level ground, run water lines, direct welders and built containment pads).
- Operate front-end loaders, track hoes and boom trucks.
- Drilled and ran casing for 3,500-foot wells for wastewater/concentrate injection.
- Communicated with client and engineers to ensure the project stayed on schedule and all parties are satisfied

Exercising motivational safety and operational training techniques to train drillers and drill crews in order to create opportunities for them to achieve career goals



LCC Officers & LCC CERTIFICATE OF SECRETARY

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239-275-1029
Fax: 239-275-1025
www.layne.com



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**Layne Christensen Company
List of Officers**

Name	Present Office Position
Tatusko, Michael G.	President Group Manager
Penzhorn, Gernot E.	Vice President Mineral Services Division
Curtis, Elizabeth L.	Chief Financial Officer
Craig, Kimberly K.	Treasurer Assistant Secretary
Storm, Aaron (NMN)	Secretary
Kuszmaul, Kelly (NMN)	Group Controller Assistant Secretary
Blackburn, Nicholas B.	Assistant Secretary
Snelten, Brian M.	Assistant Secretary

(NMN) = No Middle Name

**LAYNE CHRISTENSEN COMPANY
CERTIFICATE OF SECRETARY**

I, Aaron Storm, Secretary of LAYNE CHRISTENSEN COMPANY, a Delaware corporation (the “Company”), do hereby certify that the following is a true and correct copy of resolutions duly adopted on January 18, 2024; that the Board of Directors acting was duly and regularly elected; and that the resolutions adopted have not been repealed and are still in full force and effect:

AUTHORIZATION TO EXECUTE DOCUMENTS AND AGREEMENTS

RESOLVED, that the following officers are authorized to execute and deliver on behalf of the Company all documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

Michael G. Tatusko	—	President & Group Manager
Gernot E. Penzhorn	—	Vice President
Elizabeth L. Curtis	—	Chief Financial Officer
Kimberly K. Craig	—	Treasurer & Assistant Secretary
Aaron Storm	—	Secretary
Kelly Kuszmaul	—	Group Controller & Assistant Secretary
Brian M. Snelten	—	Assistant Secretary
Nicholas B. Blackburn	—	Assistant Secretary

RESOLVED FURTHER, that the authority provided for herein shall be in accordance with applicable policies, procedures, and delegations of authority previously approved and the Granite Construction Incorporated Delegation of Authority Policy then in effect.

AUTHORIZATION TO ATTEST DOCUMENTS AND AGREEMENTS

RESOLVED, that the following officers are authorized to attest documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

Michael G. Tatusko	—	President & Group Manager
Gernot E. Penzhorn	—	Vice President
Elizabeth L. Curtis	—	Chief Financial Officer
Kimberly K. Craig	—	Treasurer & Assistant Secretary
Aaron Storm	—	Secretary
Kelly Kuszmaul	—	Group Controller & Assistant Secretary
Brian M. Snelten	—	Assistant Secretary
Nicholas B. Blackburn	—	Assistant Secretary

AUTHORIZATION OF APPROVED BORROWERS

RESOLVED, that the below listed individuals are authorized borrowers on behalf of the Company:

Kyle T. Larkin	President & Chief Executive Officer
Elizabeth L. Curtis	Executive Vice President, Chief Financial Officer

RESOLVED FURTHER, that the authority provided herein is subject to limits of authority previously approved and the Granite Incorporated Delegation of Authority and Policy then in effect.

AUTHORIZATION OF APPROVED CHECK SIGNERS

RESOLVED, that the below listed individuals are authorized to sign checks and drafts drawn on the Company's accounts:

Kyle T. Larkin	President & Chief Executive Officer
Elizabeth L. Curtis	Executive Vice President, Chief Financial Officer
Nicholas B. Blackburn	Senior Director of Corporate Taxation

RESOLVED FURTHER, that the authority provided herein is subject to limits of authority previously approved and the Granite Incorporated Delegation of Authority and Policy then in effect.

Dated: January 18, 2024

DocuSigned by:

Aaron Storm

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Aaron Storm





Additional Items

Layne Christensen Company
5741 Zip Drive
Fort Myers, Florida 33905
Phone: 239-275-1029
Fax: 239-275-1025
www.layne.com



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Appendix

LAYNE CHRISTENSEN COMPANY TERMINATIONS FOR CONVENIENCE, MUTUAL AGREEMENT, OR DEFAULT, WITHIN THE LAST THREE YEARS

Layne Christensen Company is a global water management, construction and drilling company, providing solutions for water, mineral and energy resources that has been in business for over 100 years. Layne is involved with public and private works contracts which, as a general rule, contain termination for convenience clauses. While Layne has an excellent reputation in the industry for its work product and for completion of projects in a timely manner, it has been terminated on three projects, details of which are described below:

On or near April 6, 2020 Layne received a notice of default from Gulf Power Company, 500 Bayfront Parkway Pensacola, FL 32520, at Project Location Bay County, Florida for partial termination on Brine Extraction Storage Test (BEST) Research Project at Gulf Power Plant Smith. Current Status: 3/31/2022 Layne's construction is complete. Gulf has refused to pay Layne ~\$2M because of the monitoring well issues, which Gulf blames Layne for. Layne hired an expert, who disputes Gulf's position. Layne has prepared a larger claim for additional work on the injection well. The parties had an unsuccessful informal settlement conference in 2021, at which time Gulf introduced new theory that the well collapsed. Layne's expert continues to evaluate the claim.

- Work/payment issues over \$50,000.00 only

Monday, January 29, 2024



Layne Christensen Company

Out of an abundance of caution, Layne Christensen Company (“LCC”) makes the following disclosure to avoid any potential argument of LCC being nonresponsive. On August 25, 2022, the Securities and Exchange Commission (“SEC”) filed a Complaint against Granite Construction Incorporated (LCC’s parent company) alleging, among other things, that Granite Construction Incorporated, by and through the acts of a former employee, committed violations of Section 10(b) and Section 13 of the Exchange Act, as well as Section 17 of the Securities Act. Granite Construction Incorporated entered into a Consent Judgment with the SEC on September 9, 2022, which resolved all allegations against Granite Construction Incorporated. LCC believes the precise language of the bid certification does not directly apply to the Consent Judgment, because “a civil judgement” was not “rendered against” Granite Construction Incorporated, but instead was a settlement between the parties to the lawsuit which was entered by the Court. Moreover, the Consent Judgment had no findings of facts, and in particular, no finding of wrongdoing. Instead, Granite Construction Incorporated chose to resolve the allegations through a Consent Judgment to avoid the burden and uncertainty of litigation while neither admitting nor denying the allegations advanced by the SEC.

Entity Involved: Granite Construction Incorporated (GCC’s Parent Company)
Agency Involved: Securities and Exchange Commission
Date: 09/9/2022