

**ORIGINAL**



**A GRANITE COMPANY**



Prepared For: City of Hollywood,  
City Clerk's Office (City Hall)  
2600 Hollywood Blvd., Suite 221,  
Hollywood, Florida 33022-9045

Solicitation No.: Solicitation IFB-4714-22-OT  
SRWWTP Injection Wells 1 & 2 Mechanical

Date: April 7, 2022  
Time: 3:00 P.M.

**PROPOSAL BY:**  
Layne Christensen Company  
5741 Zip Drive  
Fort Myers, Florida 33905  
PH: 239-275-1029 FX:  
239-275-1025 [www.layne.com](http://www.layne.com)

## SECTION 00300

## PROPOSAL

TO THE MAYOR AND COMMISSIONERS  
CITY OF HOLLYWOOD, FLORIDA

SUBMITTED Layne Christensen Company

Dear Mayor and Commissioners:

The undersigned, as BIDDER, hereby declares that the only person or persons interested in the Proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this Proposal or in the Contract to be entered into; that this Proposal is made without connection with any other person, company or parties making a Bid or Proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The BIDDER further declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done; that he has examined the Drawings and Specifications for the Work and contractual documents relative thereto, including the Notice to Bidders, Instructions to Bidders, Proposal Bid Form, Form of Bid Bond, Form of Contract and Form of Performance Bond, General, Supplementary and Technical Specifications, Addenda, Drawings, and Local Preference Program, Exhibit A, and has read all of the Provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed.

The undersigned BIDDER has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other BIDDER of parties to this bid whatever.

If this Proposal is accepted, the undersigned BIDDER proposes and agrees to enter into and execute the Contract with the City of Hollywood, Florida, in the form of Contract specified; of which this Proposal, Instructions to Bidders, General Specifications, Supplementary Conditions and Drawings shall be made a part for the performance of Work described therein; to furnish the necessary bond equal to one hundred (100) percent of the total Contract base bid, the said bond being in the form of a Cash Bond or Surety Bond prepared on the applicable approved bond form furnished by the CITY; to furnish all necessary materials, equipment, machinery, tools, apparatus, transportation, supervision, labor and all means necessary to construct and complete the work specified in the Proposal and Contract and called for in the Drawings and in the manner specified; to commence Work on the effective date established in the "Notice to Proceed" from the ENGINEER; and to complete Mechanical Integrity Testing of each well by the dates specified in Section 00800 and all other Contract Work as stated in the "Notice to Proceed" or pay liquidated damages for each calendar day in excess thereof, or such actual and consequential damages as may result therefrom, and to abide by the Local Preference Ordinance (when applicable).

The BIDDER acknowledges receipt of the following addenda:

No. <u>One</u>	Dated <u>March 21, 2022</u>
No. _____	Dated _____
No. _____	Dated _____

And the undersigned agrees that in case of failure on his part to execute the said Contract and the Bond within ten (10) days after being presented with the prescribed Contract forms, the check or Bid Bond accompanying his bid, and the money payable thereon, shall be paid into the funds of the City of Hollywood, Florida, otherwise, the check or Bid Bond accompanying this Proposal shall be returned to the undersigned.

Attached hereto is a certified check on the

N/A Bank of \_\_\_\_\_

or approved Bid Bond for the sum of

10% of Amount of Bid Dollars (\$) according to the conditions under the Instructions to Bidders and provisions therein.

NOTE: If a Bidder is a corporation, the legal name of the corporation shall be set forth below, together with signature(s) of the officer or officers authorized to sign Contracts on behalf of the corporation and corporate seal; if Bidder is a partnership, the true name of the firm shall be set forth below with the signature(s) of the partner or partners authorized to sign Contracts in behalf of the partnership; and if the Bidder is an individual, his signature shall be placed below; if a partnership, the names of the general partners.

WHEN THE BIDDER IS AN INDIVIDUAL:

N/A  
(Signature of Individual)

N/A  
(Printed Name of Individual)

N/A  
(Address)

\*\*\*\*\*

WHEN THE BIDDER IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A TRADE NAME:

N/A  
(Name of Firm)

N/A  
(Address)

N/A (SEAL)  
(Signature of Individual)

\*\*\*\*\*

## WHEN THE BIDDER IS A PARTNERSHIP:

N/A  
(Name of Firm) A PartnershipN/A  
(Address)By: N/A  
(SEAL)  
(Partner)

## Name and Address of all Partners:

N/A  
\_\_\_\_\_  
\_\_\_\_\_

\*\*\*\*\*

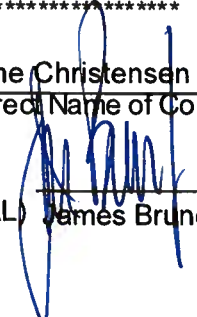
## WHEN THE BIDDER IS A JOINT VENTURE:

N/A  
(Correct Name of Corporation)By: N/A  
(SEAL)  
(Address)N/A  
(Official Title)As Joint Venture  
(Corporate Seal)

Organized under the laws of the State of N/A, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

\*\*\*\*\*

## WHEN THE BIDDER IS A CORPORATION:

Layne Christensen Company  
(Correct Name of Corporation)By:   
(SEAL) James Bruneio

Area Manager

(Official Title)

5741 Zip Drive, Fort Myers, Florida 33905

(Address of Corporation)

Organized under the laws of the State of Delaware, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

CERTIFIED COPY OF RESOLUTION OF  
BOARD OF DIRECTORS

Layne Christensen Company

(Name of Corporation)

RESOLVED that James Bruneio

(Person Authorized to Sign)

Area Manager of

(Title) (Name of Corporation)

be authorized to sign and submit the Bid or Proposal of this corporation for the following project:

CITY OF HOLLYWOOD  
Injection Wells 1 & 2 Mechanical Integrity Testing  
**Bid No.: IFB-4714-22-OT**

The foregoing is a true and correct copy of the Resolution adopted by

Layne Christensen Company at a meeting of its Board of  
(Name of Corporation)

Directors held on the 4th day of January, 2022.

By: Title: Kenneth B. Olson, Assistant Secretary

(SEAL)

The above Resolution MUST BE COMPLETED if the Bidder is a Corporation.

- END OF SECTION -





**LAYNE CHRISTENSEN COMPANY**  
**CERTIFICATE OF SECRETARY**

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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 4, 2022; 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:

James A. Radich	—	President & Group Manager
Denise C. McClanahan	—	Vice President, Granite Inliner Division
Kent M. Wartick	—	Vice President, Water Resources Division
Gernot E. Penzhorn	—	Vice President, Mineral Services Division
Elizabeth L. Curtis	—	Chief Financial Officer
Kenneth B. Olson	—	Treasurer & Assistant Secretary
Aaron Storm	—	Secretary
Terry Jebavy	—	Group Controller & Assistant Secretary
Nicholas B. Blackburn	—	Assistant Secretary
Brian M. Snelten	—	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:

James A. Radich	—	President & Group Manager
Denise C. McClanahan	—	Vice President, Granite Inliner Division
Kent M. Wartick	—	Vice President, Water Resources Division
Gernot E. Penzhorn	—	Vice President, Mineral Services Division
Elizabeth L. Curtis	—	Chief Financial Officer
Kenneth B. Olson	—	Treasurer & Assistant Secretary
Aaron Storm	—	Secretary
Terry Jebavy	—	Group Controller & Assistant Secretary
Nicholas B. Blackburn	—	Assistant Secretary
Brian M. Snelten	—	Assistant Secretary

**AUTHORIZATION OF APPROVED BORROWERS**

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

Kyle T. Larkin  
Elizabeth L. Curtis  
Kenneth B. Olson

President & Chief Executive Officer  
Executive Vice President, Chief Financial Officer  
Vice President, Treasurer & Assistant 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
Kenneth B. Olson	Vice President, Treasurer & Assistant 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 4, 2022

  
\_\_\_\_\_  
Aaron Storm



Form  
Temporary Authorization

This Temporary Authorization is made pursuant to, and in accordance with, GMS [FOA-SP-001 Limits of Authority Procedure](#) ("Procedure"). The undersigned authorizes and appoints James Bruneio to bid projects, provide proposals, execute contract documents including change orders and purchase orders, and other necessary functions to advance projects and opportunities within their authority as dictated by the Limits of Authority Matrix Exhibit C for the period from January 1, 2022 through and including June 30, 2022.

This authority is subject to the terms and conditions of the Policy, the limits of authority granted to the undersigned pursuant to such Policy, the [FOA-GD-001 Limits of Authority Matrix](#) (Exhibits A & B & C ) and all other applicable GMS policies.

Comments: Temporary Authorization expires June 30, 2022

Dated: January 7, 2022

Authorizing Individual: \_\_\_\_\_



Print Name: Kent M. Wartick

Instructions:

Form to be retained by authorizing individual and designee.

This form may be used to delegate signature authority for a bid, including an electronic bid. The comments section may be used to further identify the specific project. Please upload an executed copy to the opportunity in Granite's bidding system (CAM360).



SECTION 00301  
**CITY OF HOLLYWOOD**  
**DEPARTMENT OF PUBLIC UTILITIES**  
**ENGINEERING AND CONSTRUCTION SERVICES DIVISION**  
**PROPOSAL BASE BID FORM**

Bid No.: IFB-4714-22-OT  
 Project Name: Injection Wells 1 & 2 Mechanical Integrity Testing

***BASE BID:***

<u>No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	Perform mechanical integrity testing on both IW-1 and IW-2 for lump sum price of:  <u>One Hundred Fifty Thousand</u> Dollars and <u>No</u> Cents	1	LS	---	<u>\$150,000.00</u>
2	Consideration for Indemnification for the lump sum price of: <u>Ten</u> Dollars and <u>No</u> Cents	---		---	<u>\$10.00</u>
3	Dedicated cost allowance for work as directed and upon authorization by the City due to undefined conditions of: <u>Fifty thousand</u> Dollars and <u>No</u> Cents	---		---	<u>\$50,000.00</u>
<b>BASE BID TOTAL FOR COMPLETE PROJECT:</b>				<u>\$ 200,010.00</u>	

**BASE BID TOTAL IN WRITING:** Two Hundred Thousand Ten Dollars and Zero Cents

**NAME OF BIDDER:** Layne Christensen Company

**NOTES:**

1. REFER TO SECTION 01025 FOR ADDITIONAL DESCRIPTIONS OF ITEMS.
2. SUBSTANTIAL COMPLETION TIME AND PROJECT CLOSEOUT TIME FOR THE WORK SHALL BE AS DEFINED IN THE PROJECT SCHEDULE IN THE SUPPLEMENTARY GENERAL CONDITIONS (SGC'S).
3. THE CITY OF HOLLYWOOD REQUIRES THE CONTRACTOR TO PROVIDE THE UNIT PRICE/TOTAL IN TEXT AS WELL AS NUMERICAL FORMAT FOR EACH LINE ITEM LISTED IN THE PROPOSAL BID FORMS. FAILURE TO PROVIDE UNIT PRICE/TOTAL FOR EACH LINE ITEM IN TEXT AS WELL AS NUMERICAL FORMAT MAY RENDER THE ENTIRE BID PACKAGE NON-RESPONSIVE.
4. THE CITY OF HOLLYWOOD WILL EVALUATE THE BID PROPOSALS AND DETERMINE THE LOWEST, RESPONSIVE, RESPONSIBLE BIDDER FOR THE TOTAL BASE BID (ITEMS 1 THROUGH 3). IT IS THE CITY OF HOLLYWOOD'S INTENT TO AWARD THE PROJECT BASED UPON THE TOTAL BASE BID.

- END OF SECTION -

## SECTION 00410

## APPROVED BID BOND

(Construction)

STATE OF FLORIDA

KNOW ALL MEN BY THESE PRESENTS: Travelers Casualty and Surety  
That we Layne Christensen Company, as Principal, and Company of America, as

Surety, are held and firmly bound unto the City of Hollywood in the sum of \_\_\_\_\_

Ten Percent (10%) of Bid Amount Dollars (\$ 10% of Bid Amount ) lawful money

of the United States, amounting to 10% of the total Bid Price, for the payment of said sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the principal has submitted the accompanying bid, dated April 7, 2022 ~~146~~ 20 for

**Injection Wells 1 & 2 Mechanical Integrity Testing****Bid No.: IFB-4714-22-OT**

NOW, THEREFORE, if the principal shall not withdraw said bid within 90 days after date of the same and shall within ten days after the prescribed forms are presented to him for signature, enter into a written contract with the CITY, in accordance with the bid as accepted, and give bond with good and sufficient surety or sureties, and provide the necessary Insurance Certificates as may be required for the faithful performance and proper fulfillment of such Contract, then this obligation shall be null and void.

## Approved Bid Bond

In the event of the withdrawal of said bid within the specified period, or the failure to enter into such contract and give such bond and insurance within the specified time, the principal and the surety shall pay to the City of Hollywood the difference between the amount specified in said bid and such larger amount for which the City of Hollywood may in good faith contract with another party to perform the work and/or supply the materials covered by said bid.

IN WITNESS WHEREOF, the above bound parties have executed this statement under their several seals this 5th  
day of April, 2022, ~~20~~, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

WHEN THE PRINCIPAL IS AN INDIVIDUAL:

Signed, sealed and delivered in the presence of: N/A

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Signature of Individual

\_\_\_\_\_  
Address

\_\_\_\_\_  
Printed Name of Individual

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Address

Approved Bid Bond

WHEN THE PRINCIPAL IS A CORPORATION:

Attest:

  
 \_\_\_\_\_  
~~Secretary~~

Kenneth B. Olson, Assistant Secretary

Layne Christensen Company

Name of Corporation

585 West Beach Street

Business Address

Watsonville, CA 95076

By:

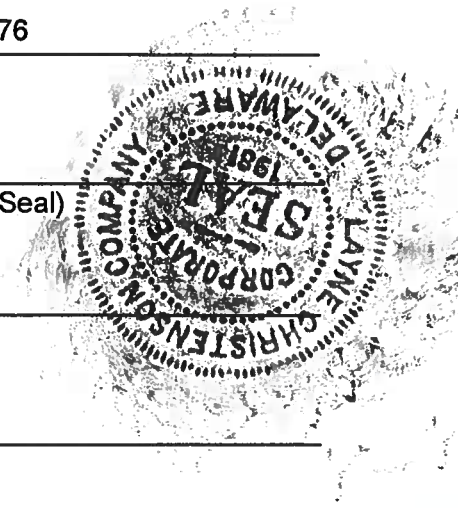
  
 \_\_\_\_\_  
 (Affix Corporate Seal)

James Bruneio

Printed Name

Area Manager

Official Title

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Kenneth B. Olson, Assistant-Secretary, certify that I am the secretary of the Corporation named as Principal in the attached bond; that James Bruneio who signed the said bond on behalf of the Principal, was then Area Manager of said Corporation; that I know his signature, and his signature thereto is genuine and that said bond was duly signed, sealed and attested for and on behalf of said Corporation by authority of its governing body.

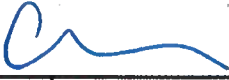
  
 \_\_\_\_\_ (SEAL)
~~Secretary~~

Kenneth B. Olson, Assistant Secretary

## Approved Bid Bond

TO BE EXECUTED BY CORPORATE SURETY:

Attest:

  
~~Secretary~~  
 Ashley Stinson, Attorney-In-Fact



Travelers Casualty and Surety Company of America

Corporate Surety

1 Tower Square

Business Address

Hartford, CT 06183

BY: 

(Affix Corporate Seal)

Isabel Barron, Attorney-In-Fact

Attorney-in-Fact

~~Alliant Insurance Services, Inc.~~

Name of Local Agency

2701 N. Rocky Point Dr., Suite 960

Business Address Tampa, FL 33607

## STATE OF FLORIDA

Before me, a Notary Public, duly commissioned, qualified and acting, personally appeared, \_\_\_\_\_  
 \_\_\_\_\_ to me well known, who being by me first duly sworn upon oath  
 says that he is the attorney-in-fact for the \_\_\_\_\_ and  
 that he has been authorized by \_\_\_\_\_ to execute the forgoing bond  
 on behalf of the CONTRACTOR named therein in favor of the City of Hollywood, Florida.  
 Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

See Attached Acknowledgment

Notary Public, State of Florida

My Commission Expires:

- END OF SECTION -



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.

## ACKNOWLEDGMENT

State of California  
County of Santa Cruz

On April 5, 2022 before me, Maria Gomez, Notary Public  
(insert name and title of the officer)

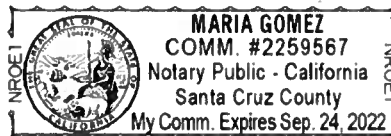
personally appeared Isabel Barron & Ashley Stinson,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by 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 California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Maria Gomez, Notary Public



(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 **Isabel Barron** of **WATSONVILLE, California**, 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

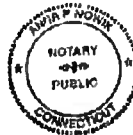
City of Hartford ss.

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 shall be 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 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 **April 5**, 2022



  
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.**



**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 **Ashley Stinson** of **WATSONVILLE**, **California**, 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.

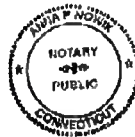
By: \_\_\_\_\_

*Robert L. Raney*  
 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*  
 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, 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 shall be understood and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any 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 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 **April 5**, 2022



*Kevin E. Hughes*  
 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.**

SECTION 00420  
INFORMATION REQUIRED FROM BIDDERS  
GENERAL INFORMATION

The Bidder shall furnish the following information. Failure to comply with this requirement may cause its rejection. Additional sheets shall be attached as required.

1. Contractor's Name/Address: Layne Christensen Company  
5741 Zip Drive, Fort Myers, Florida 33905  
\_\_\_\_\_
2. Contractor's Telephone Number: 239-275-1029  
and e-mail address: jim.bruneio@gcinc.com  
\_\_\_\_\_
3. Contractor's License (attach copy): See Attached Licenses  
Primary Classification: GC & Water Well  
Broward County License Number (attach copy): N/A  
\_\_\_\_\_
4. Number of years as a Contractor in construction work of the type involved in this  
Contract: Over 140 + years  
\_\_\_\_\_
5. List the names and titles of all officers of Contractor's firm:  
See Attached List  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Name of person who inspected site or proposed work for your firm:  
Name: Carl Scarborough  
Date of Inspection: April 6, 2022  
\_\_\_\_\_
7. List a minimum of three Mechanical Integrity Tests you have completed within the past  
five years for injection wells having a casing depth of at least 2,500 feet below land  
surface and provide Owner contact information.  
See Attached Reference List  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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8. Have you ever failed to complete work awarded to you; if so, where and why?

No

---

9. In addition to the work listed in Item 7, name three (3) individuals or corporations for which you have performed work and to which you refer:

See Attached References

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10. List the following information concerning all contracts on hand as of the date of submission of this proposal (in case of co-venture, list the information for all coventures).

Name of Project	City	Total Contract Value	Contracted Date of Completion	% Completion to Date
<u>See Attached References</u>				
<hr/>				
<hr/>				
<hr/>				
<hr/>				

(Continue list on inset sheet, if necessary)

11. What equipment do you own that is available for the work?

See Attached List

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12. What equipment will you purchase for the proposed work?

None

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**NOTE:**

If requested by CITY, the Bidder shall furnish a notarized financial statement, references and other information, sufficiently comprehensive to permit an appraisal of its current financial condition.



**LIST OF SUBCONTRACTORS**

The Bidder shall list below the name and address of each Subcontractor who will perform work under this Contract in excess of one-half percent of the total bid price, and shall also list the portion of the work which will be done by such Subcontractor. After the opening of Proposals, changes or substitutions will be allowed with written approval of the City of Hollywood. Subcontractors must be properly licensed and hold a valid Hollywood Certificate of Competency.

	<b>Work to be Performed</b>	<b>Subcontractor's Name / Address</b>
1.	None	
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

NOTE: Attach additional sheets if required.

- END OF SECTION -

## SECTION 00435

## LOCAL PREFERENCE

## (EXHIBIT "A")

Pursuant to §38.50 of the City of Hollywood *Code of Ordinances*, the City shall grant a preference to local Hollywood vendors if their initial bid is within 5% of the bid of the lowest responsive responsible bidder that is a non-local Hollywood vendor. The preference shall allow the local Hollywood vendor to submit a second and final offer, which must be at least 1% less than the bid of the lowest responsive responsible non-local Hollywood vendor to be awarded. The local Hollywood vendor shall have the burden of demonstrating that it maintains a permanent place of business with full-time employees within the City limits and has done so for a minimum of one (1) year prior to the date of issuance of a bid or proposal solicitation within Hollywood, Florida. All supporting documentation (e.g. City of Hollywood valid local business tax receipt) for local preference eligibility must be received with the bid package prior to the bid opening date and time.

N/A

## SECTION 00495

## TRENCH SAFETY FORM

This form must be completed and signed by the Bidder.

Failure to complete this form may result in the bid being declared non-responsive.

Bidder acknowledges that the Florida Trench Safety Act, Section 553.60 et. seq., which became effective October 1, 1990, shall be in effect during the period of construction of the project. The Bidder by signing and submitting the bid is, in writing, assuring that it will perform any trench excavation in accordance with applicable trench safety standards. The Bidder further identifies the following separate item of cost of compliance with the applicable trench safety standards as well as the method of compliance:

Method of Compliance

Cost

Total \$ 0.00

Bidder acknowledges that this cost is included in the applicable items of the Proposal and in the Grand Total Bid Price. Failure to complete the above will result in the bid being declared non-responsive.

The Bidder is, and the Owner and Engineer are not, responsible to review or assess Bidder's safety precautions, programs or costs, or the means, methods, techniques or technique adequacy, reasonableness of cost, sequences or procedures of any safety precaution, program or cost, including but not limited to, compliance with any and all requirements of Florida Statute Section 553.60 et. seq. cited as the "Trench Safety Act". Bidder is, and the owner and Engineer are not, responsible to determine if any safety related standards apply to the project, including but not limited to, the "Trench Safety Act".

C. Scarbrough  
Witness Signature

Carl Scarbrough  
Witness Printed Name

5741 Zip Drive, Fort Myers, FL 33905  
Witness Address

April 7, 2022  
Date

James Bruneio  
Contractor's Signature

James Bruneio  
Printed Name

Area Manager  
Title

April 7, 2022  
Date

- END OF SECTION -



# LCC - List of Officers

Layne Christensen Company  
5741 Zip Drive  
Fort Myers, Florida 33905  
PH: 239.275.1029  
FX: 239.275.1025  
[www.layne.com](http://www.layne.com)



A GRANITE COMPANY



## Layne Christensen Company List of Officers

Name	Present Office Position
Radich, James A.	President Group Manager
McClanahan, Denise C.	Vice President Granite Inliner Division
Wartick, Kent M.	Vice President Water Services Division
Penzhorn, Gernot E.	Vice President Mineral Services Division
Curtis, Elizabeth L.	Chief Financial Officer
Olson, Kenneth B.	Treasurer Assistant Secretary
Storm, Aaron (NMN)	Secretary
Jebavy, Terry (NMN)	Group Controller Assistant Secretary
Blackburn, Nicholas B.	Assistant Secretary
Snelten, Brian M.	Assistant Secretary

(NMN) = No Middle Name





# LICENSES

LAYNE CHRISTENSEN COMPANY  
5741 Zip Drive  
Fort Myers, Florida 33905  
PH: 239.275.1029  
FX: 239.275.1025  
[www.layne.com](http://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.

<b>Licensee</b>		
<b>1. Name:</b> <b>LAYNE CHRISTENSEN COMPANY</b>	<b>3. License Number:</b> <b>4300-1</b>  is hereby renewed in its entirety with reference to application dated January 18, 2022, February 25, 2022.	
<b>2. Address:</b> <b>5741 Zip Drive Ft. Myers, FL 33905</b>	<b>4. Expiration Date:</b> <b>12/31/2026</b>  <b>5. Category:</b> <b>3I(I)</b>	
<b>6.    Radioactive Material      (element and mass no.)</b>	<b>7.    Chemical and/or Physical Form</b>	<b>8.    Maximum Quantity Licensee May      Possess at Any One Time</b>

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.

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

**HQ COPY**  
  
Page 1 of 3 Page(s)

Category:              [3I(I)]  
  
Expiration Date:    12/31/2026

**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.

**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(I)]  
Expiration Date: 12/31/2026

# The State of Florida

Has Determined That

James Bruneio Jr.

Is Qualified As A

## *Water Well Contractor*

Pursuant To Chapter 373, Florida Statutes

In the State of Florida

And Hereby Issues License Number

11392

Issued By  
South Florida Water Management District



Water Well Contractor Licensing, Water Use

This 18<sup>th</sup> Day of March 2022







**Lee County, Florida**  
**Department of Community Development**  
**Certificate of Use**  
**New Occupancy**

**Issued Date:** 12/15/2021 **PERMIT NUMBER:** OCC2021-00911

**Owner Address:** 17121 PRIMA VIERA CIR CAPE CORAL, FL 33909

**Job Address:** 5741 ZIP DR, FORT MYERS, FL 33905

**Applicant Name:** Miquel Martinez

**Business Location:** 5741 ZIP DR. FORT MYERS. FL 33905

**Business Name:** Layne Christensen Company

**Description:** Water well drilling & servicing. Mon-Fri 7a-5p.

**Strap:** 10-44-25-10-00000.1620

**Zoning:** **Fire District:**Tice

**In conformity with section 106.1 Standard Building Code, authorization to occupy is granted as noted herein.**

**BUILDING OFFICIAL**

**THIS CERTIFICATE MUST BE POSTED IN YOUR OFFICE ALONG WITH YOUR BUSINESS TAX RECEIPT**



## Local Business Tax Receipt

Dear Business Owner:

Your 2021-2022 Lee County Local Business Tax Receipt is attached below for account number **1704672**.

If there is a change in one of the following, refer to the instructions on the back of this receipt.

- Business name
- Ownership
- Physical location
- Business closed

This is not a bill. Detach the bottom portion and display in a public location.

I hope you have a successful year.

Sincerely,

*R. Nalle Branning*

Lee County Tax Collector

### 2021 - 2022 LEE COUNTY LOCAL BUSINESS TAX RECEIPT

**Account Number: 1704672**

**State License Number: CGC1523303**

*If state license has changed, contact our office at 239.533.6000*

**Location:**

5061 LUCKETT RD  
FT MYERS FL 33905

LAYNE CHRISTENSEN COMPANY  
SHEMWELL KEVIN D  
5061 LUCKETT RD  
FT MYERS FL 33905

**Account Expires: September 30, 2022**

May engage in the business of:

**GENERAL CONTRACTOR-CERTIFIED**

**THIS LOCAL BUSINESS TAX RECEIPT IS NON REGULATORY**

Payment Information:

PAID 600631-9-1

09/23/2021 07:39 AM

\$50.00





## Local Business Tax Receipt

Dear Business Owner:

Your 2021-2022 Lee County Local Business Tax Receipt is attached below for account number **1901914**.

If there is a change in one of the following, refer to the instructions on the back of this receipt.

- Business name
- Ownership
- Physical location
- Business closed

This is not a bill. Detach the bottom portion and display in a public location.

I hope you have a successful year.

Sincerely,

Lee County Tax Collector

### 2021 - 2022 LEE COUNTY LOCAL BUSINESS TAX RECEIPT

Account Number: **1901914**

Account Expires: **September 30, 2022**

**Location:**

5061 LUCKETT RD  
FT MYERS FL 33905

LAYNE CHRISTENSEN COMPANY  
MAGNIN MICHAEL S  
5061 LUCKETT RD  
FT MYERS FL 33905

May engage in the business of:

**WATER WELL CONTRACTOR**

**THIS LOCAL BUSINESS TAX RECEIPT IS NON REGULATORY**

Payment Information:

**PAID** 601644-2-1

10/05/21 09:56:28 AM

\$53.00



## Local Business Tax Receipt

Dear Business Owner:

Your 2021-2022 Lee County Local Business Tax Receipt is attached below for account number **1704672**.

If there is a change in one of the following, refer to the instructions on the back of this receipt.

- Business name
- Ownership
- Physical location
- Business closed

This is not a bill. Detach the bottom portion and display in a public location.

I hope you have a successful year.

Sincerely,

*R. Nalle Branning*

Lee County Tax Collector

### 2021 - 2022 LEE COUNTY LOCAL BUSINESS TAX RECEIPT

**Account Number: 1704672**

**State License Number: CGC1523303**

*If state license has changed, contact our office at 239.533.6000*

**Location:**

5061 LUCKETT RD  
FT MYERS FL 33905

LAYNE CHRISTENSEN COMPANY  
SHEMWELL KEVIN D  
5061 LUCKETT RD  
FT MYERS FL 33905

**Account Expires: September 30, 2022**

May engage in the business of:

**GENERAL CONTRACTOR-CERTIFIED**

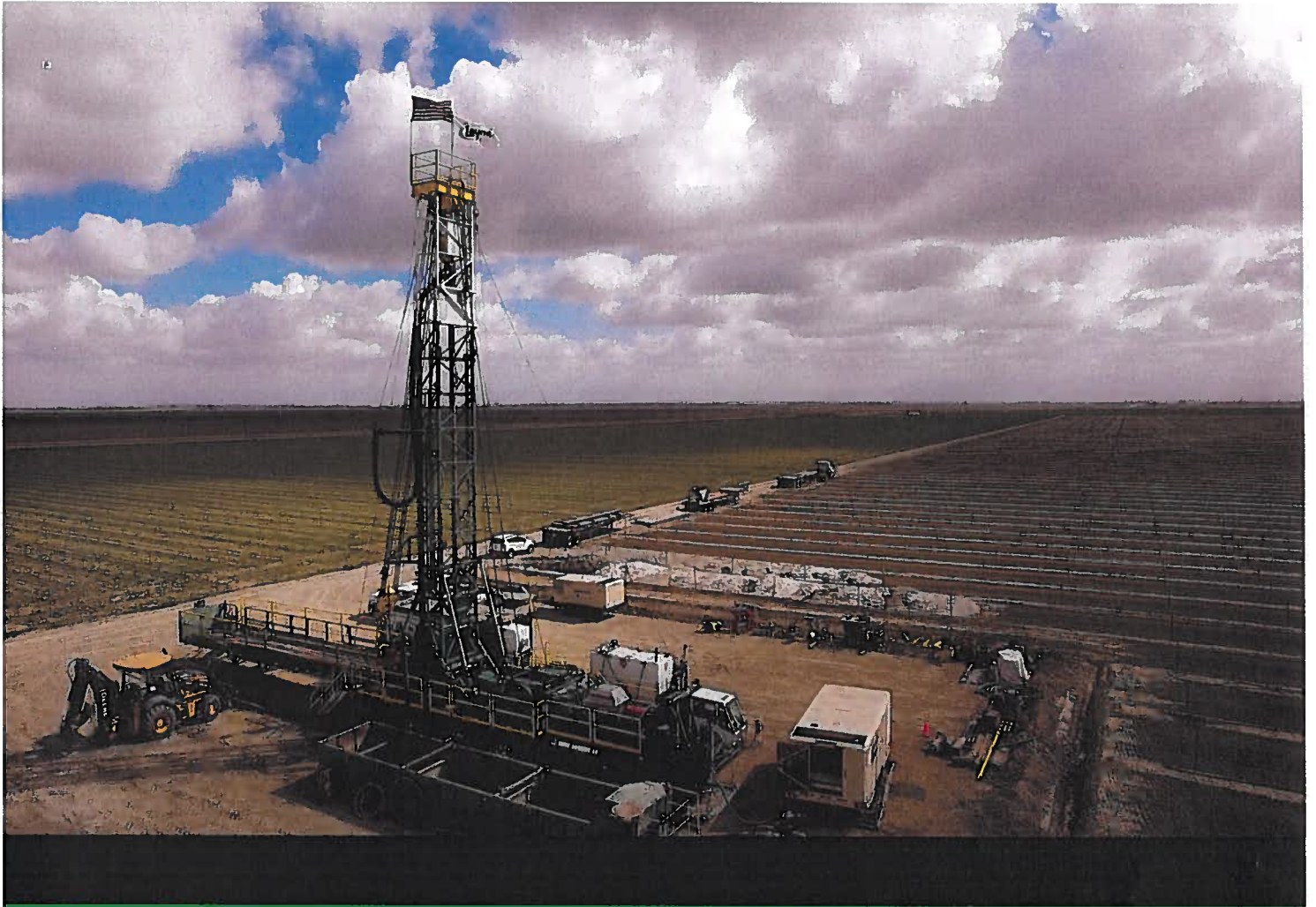
**THIS LOCAL BUSINESS TAX RECEIPT IS NON REGULATORY**

Payment Information:

**PAID** 600631-9-1

09/23/2021 07:39 AM

\$50.00



# REFERENCES

SHORT LIST OF COMPLETED JOBS, ADDITIONAL REFERENCES CAN BE PROVIDED, UPON REQUEST

LAYNE CHRISTENSEN COMPANY  
5741 ZIP DRIVE  
FORT MYERS, FL 33905  
PH: 239.275.1029  
FX: 239.275.1025  
[www.layne.com](http://www.layne.com)





## ANSWER # 10 REFERENCES

North RO WTP IW-2

City of Cape Coral

\$62,500

7/26/2022

0%

Cape Coral Acid

City of Cape Coral

\$1,062,401.20

Annual Contract – Renews 3/23/2022

15%

Mosaic Greenbay Monitoring Wells

Mosaic LLC

1,001,901.98

5/7/2022

80%

SCRWTP IW-1 and IW-2 Acid and MIT

Collier County Public Utilities Division

\$321,756.00

5/30/2022

45%

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



**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

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 company name.

David McNabb, P.G.  
President



John E. Manning  
*District One*

Cecil L.  
Pendergrass  
*District Two*

Larry Kiker  
*District Three*

Brian Hamman  
*District Four*

Frank Mann  
*District Five*

Roger Desjarlais  
*County Manager*

Richard Wesch  
*County Attorney*

Tyler S. Weinand, P.G.  
Public Works Project Manager  
Lee County Utilities  
1500 Monroe Street, Third Floor  
Fort Myers, Florida 33901  
tweinand@leegov.com  
(239)220-1073

February 12, 2019

Dear Sir or Madam:

I am pleased to provide a letter of reference for the Fort Myers, Florida based Repair and Installation (R&I) staff of Layne, a Granite Company. Layne provided and continues to provide R&I services for Lee County Utilities (LCU) production wells and Underground Injection Control (UIC) wells. I have contracted with Layne to provide R&I service since early in my tenure with LCU, with their first project I managed in Spring 2016. Additionally, I am aware of the R&I staff providing services prior to my employment with LCU.

A few of the services I have contracted with Layne to complete are, but not limited to the following:

- Submersible electric motor replacement within a flowing artesian production well;
- UIC Class I well Mechanical Integrity Testing;
- Production well chemical treatment with low concentration hydrochloric acid to improve production well specific capacity;
- Geophysical logging; and
- Other miscellaneous services.

The Layne R&I staff provide a level of service which is easy to manage. The General Manager, David Tormoehlen, is highly responsive to the needs and requests of LCU. Furthermore, I trust Field Superintendents David Bauer and Carl Whittenborn to complete projects efficiently and properly with minimal oversight from LCU staff.

Thank you for the opportunity to provide a reference for the Fort Myers, Florida based R&I staff of Layne. Should you need any additional information, have any questions, or comments please do not hesitate to contact me.

Very Respectfully,

*T. Weinand* 2/12/19

Tyler S. Weinand, P.G.

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](mailto: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 ***
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@hazenandsawyer.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



## 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: aayum@miramarfl.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" 2,950'	N/A	N/A	3,001'	P
Miramar II WWRF IW-2	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: aayum@miramarfl.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" 2,950'	N/A	N/A	3,196'	P
Three Oaks IW-1	March 2020	Lee County Utilities Tyler Weinand 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	JLA Geosciences James Andersen, PG 1907 Commerce Lane, Suite 104 Jupiter, FL 33458 Phone: 561-746-0228 Fax: 561-746-0119 Email: jandersen@ilageosciences.com	24" 2,937'	16" FRP 2,937'	F	3501'	A



## 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 ***
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	JLA Geosciences James Andersen, PG 1907 Commerce Lane, Suite 104 Jupiter, FL 33458 Phone: 561-746-0228 Fax: 561-746-0119 Email: jandersen@ilageosciences.com	24" / 2,936'	16" FRP / 2,936'	F	3,501'	A
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 Hindle 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





## 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 ***
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: 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	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: 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 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	11.75" ID 1,490'	7.625" FRP 1,485'	C	1,700'	P
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	ASRUS Pete Larkin, P.G., Vice President 13329 N. Armenia Avenue Tampa, FL 33613 Phone: 813-382-8516 Email: plarkin@asrus.net	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		30" 756'	N/A	N/A	1,115'	N/A



## 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 ***
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: rmmarkev@southernco.com	CH2M HILL Jeffrey D. Lehn, 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@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@cdmsmith.com	20" 2,495'	16" FRP 2,456'	C	3,200'	P
Plant Smith IW-3	March 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: rmmarkev@southernco.com	CH2M HILL Jeffrey D. Lehn, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnen@ch2m.com	14" FRP 1,195'	N/A	N/A	1290'	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 ***
GPIWA WTP	March 2019	Greater Pine Island Water Association Bill Thatcher, General Manager 5281 Pine Island Road Bokelia, 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
Cape Coral Everest IW -1	February 2019	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	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" 2630'	N/A	N/A	3700'	P
Plant Crist IW-2	January 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	Jacobs Jeffrey D. Lehn, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehn@jacobs.com	24" 1,490'	7" FRP 1,472'	C	1905'	P
Plant Crist IW-1	January 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	Jacobs Jeffrey D. Lehn, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehn@jacobs.com	24" 1,520'	7" FRP 1,502'	C	2290'	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 ***
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@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	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	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	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



## 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 ***
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
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 Email: zamiradelatoro@colliergov.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	24" 2,575'	N/A	N/A	3,250'	P
West County Energy Center IW-1	March 2018	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	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	20" 2,778'	16" FRP 2,778'	F	3,411'	A
West County Energy Center IW-2	March 2018	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	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	20" 2,720'	16" FRP 2,720'	F	3,250'	A



## 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-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 Email: zamiradelatoro@colliergov.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	24" 2,582'	N/A	N/A	3,250'	P
Sole Mia Biscayne Landing IW-2	December 2017	Sole Mia SCS Engineers Biscayne Landing 2200 Northeast 143 St. North Miami, FL Phone: 305-412-8185 E-mail: kramirez@scsengineers.com	Kevin Ramirez 7700 Kendall Drive Suite 300 Miami, FL 33156 Phone: 305-412-8185 Fax: 305-412-8105 Email: kramirez@scsengineers.com	16" 2,520'	11.75" FRP 2,505'	F	3,250'	A
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	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@southernmco.com	CH2M HILL Jeffrey D. Lehn, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehn@ch2m.com	9-5/8" 4,870'	6" FRP 1,180'	F	7,058"	A





## 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 ***
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 McThenia 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@leegov.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
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



## 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 ***
Palm Bay N-Regional WWTW 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@tecoenergvy.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 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	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	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	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



## 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 ***
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
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 Email: 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



## 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 ***
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
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: KArnold@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



## 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 ***
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: <a href="mailto:eiignoffo@cityofkeywest-fl.gov">eiignoffo@cityofkeywest-fl.gov</a> Lee County Utilities	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: <a href="mailto:david@mcnabbhydroconsult.com">david@mcnabbhydroconsult.com</a> MWH Americas, Inc.	24" 2,758'	N/A	N/A	3,000'	P
Pinewoods IW-1	October 2014	Rand Edelstein, P.G. 2115 Second Street Fort Myers, FL 33901 Phone: 239-533-8164 Fax: 239-267-7997 Email: <a href="mailto:REdelstein@leegov.com">REdelstein@leegov.com</a>	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: <a href="mailto:edward.rectenwald@rmwhglobal.com">edward.rectenwald@rmwhglobal.com</a>	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: <a href="mailto:bonniegiwa@comcast.net">bonniegiwa@comcast.net</a> Charlotte County	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: <a href="mailto:Dacquaviva@rma-geologic.com">Dacquaviva@rma-geologic.com</a>	11.75" ID 1,490'	7.625" FRP 1,485'	C	1,700'	P
East Port IW-1	September 2014	Alisa True, Contract Specialist 18500 Murdock Circle Port Charlotte, FL 33948 Phone: 941-743-1549 Fax: 941-743-1384 E-mail: <a href="mailto:alisa.true@charlottetfl.com">alisa.true@charlottetfl.com</a>	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: <a href="mailto:Dacquaviva@rma-geologic.com">Dacquaviva@rma-geologic.com</a>	8" 2,977'	N/A	N/A	3,242'	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 ***
Northwest WRF IW-1	June 2014	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	CH2M HILL Pete Larkin, P.G., Project Manager 4350 W. Cypress St., Suite 600 Tampa, FL 33607 Phone: 813-874-0777 Fax: 813-874-3056 Email: pete.larkin@ch2m.com	30" 756'	N/A	N/A	1,115'	N/A
Northwest WRF IW-2	June 2014	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	CH2M HILL Pete Larkin, P.G., Project Manager 4350 W. Cypress St., Suite 600 Tampa, FL 33607 Phone: 813-874-0777 Fax: 813-874-3056 Email: pete.larkin@ch2m.com	30" 756'	N/A	N/A	1,110'	N/A
NRWWTP IW-5	June 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	3,507'	P
NRWWTP IW-4	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	3,501'	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 ***
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	"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	MWH Americas, Inc. 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@mwglobal.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@mwglobal.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



## 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-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
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@cdmsmith.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 Bokkeelia, 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



## 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 ***
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@mcnabbhydroconsult.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@mcnabbhydroconsult.com	12" 3,006'	N/A	N/A	3,500'	P
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	Cardno ENTRIX John Mayhute, 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.Mayhute@cardno.com	24" 2,638'	16" FRP 2,629'	C	3,230'	P
NCRWTP IW-2	July 2013	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" 2,495'	16" FRP 2,460'	C	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 ***
NCRWTP IW-1	July 2013	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	18" 1,955'	12" FRP 1,951'	F	3,138'	A
WRF IW-2	June 2013	Collier County 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	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" 2,582'	N/A	N/A	3,250'	P
WRF IW-1	June 2013	Collier County 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	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" 2,575'	N/A	N/A	3,250'	P
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	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" 2,430'	N/A	N/A	3,024'	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 ***
West County Energy Center IW-1	May 2013	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	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	20" / 2,778'	16" FRP / 2,778'	F	3,411'	A
West County Energy Center IW-2	May 2013	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	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	20" / 2,720'	16" FRP / 2,720'	F	3,250'	A
Sawgrass WWTP IW-3	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" / 2,988'	N/A	N/A	3,350'	P
Sawgrass WWTP IW-1	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" / 2,700'	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: <a href="mailto:tpetrides@sunrisefl.gov">tpetrides@sunrisefl.gov</a> City of West Melbourne	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: <a href="mailto:mwengrenovich@hazenandsawyer.com">mwengrenovich@hazenandsawyer.com</a> CH2M HILL	24" 2,720'	N/A	N/A	3,200'	P
WWTP Injection Well	January 2013	Keith Mills, Deputy City Mgr. 2240 Minton Road West Melbourne, FL 32904 Phone: 321-837-7777 Fax: 321-768-2390 Email: <a href="mailto:kmills@westmelbourne.org">kmills@westmelbourne.org</a>	Gerrit Bulman, Hydrogeologist 800 Fairway Drive, Suite 350 Deerfield Beach, FL 33441 Phone: 954-426-4008 Fax: 954-698-6010 Email: <a href="mailto:gbulman@ch2m.com">gbulman@ch2m.com</a> MWH Americas, Inc.	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: <a href="mailto:camagliocco@tecoenergy.com">camagliocco@tecoenergy.com</a>	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: <a href="mailto:edward.rectenwald@mwglobal.com">edward.rectenwald@mwglobal.com</a> MWH Americas, Inc.	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: <a href="mailto:camagliocco@tecoenergy.com">camagliocco@tecoenergy.com</a>	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: <a href="mailto:edward.rectenwald@mwglobal.com">edward.rectenwald@mwglobal.com</a>	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 ***
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
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	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	3,499'	P
IW-1	June 2012	San Antonio Water System 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	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	9-5/8" 4,195'	7" 4,165'	F	5,040'	A
Plant Smith IW-1	June 2012	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. Lehnert, P.G. 3011 SW Williston Road Gainesville, FL 32608 Phone: 352-335-5877 Fax: 352-335-2959 Email: jeff.lehnert@ch2m.com	9-5/8" 4,870'	6" FRP 1,200'	F	7,058'	A



## Layne Christensen Company UIC Well Mechanical Integrity Testing References

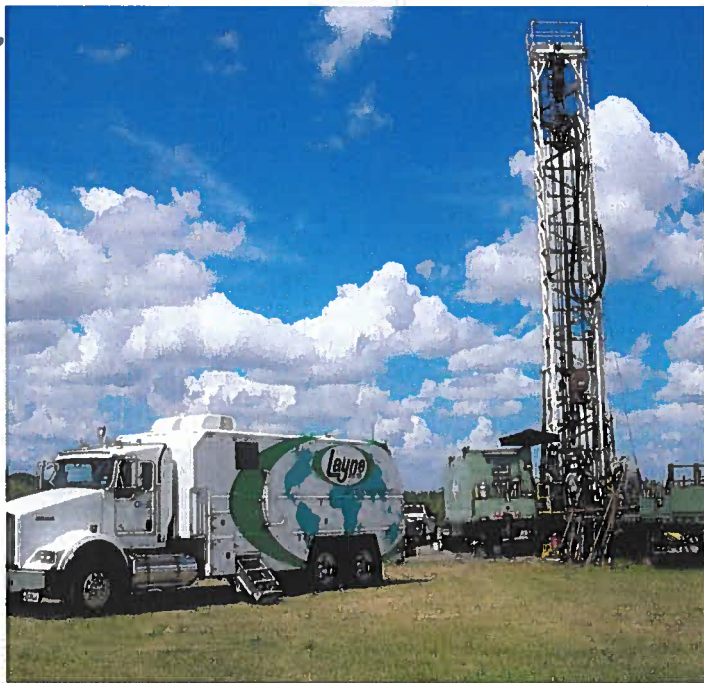
Well	Date Completed	Owner Contact	Consultant Contact	Final Casing (Diam. / Depth) *	Injection Tubing (Diam. / Depth) *	Tubing Annulus **	Total Well Depth	Type of Pressure Test ***
IW-3	May 2012	Imperial Irrigation District Jose Perez, Technical Representative 485 E. Villa Road El Centro, CA 92243 Phone: 760-339-0570 Fax: 760-339-0838 Email: <a href="mailto:jperez@iid.com">jperez@iid.com</a>	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: <a href="mailto:david@mcnabbhydroconsult.com">david@mcnabbhydroconsult.com</a>	9-5/8" 2,120'	7" 2,735'	F	2,740'	A
Deep Injection Well #1	April 2012	City of North Port Jerry Manning, Plant Ops. Mgr. 6644 W. Price Blvd. North Port, FL 34291 Phone: 941-426-9500 Fax: 941-426-5409 Email: <a href="mailto:jmanning@cityofnorthport.com">jmanning@cityofnorthport.com</a>	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: <a href="mailto:SciandraJA@cdmsmith.com">SciandraJA@cdmsmith.com</a>	24" 1,106'	14" 1,100'	F	3,200'	A
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: <a href="mailto:vpedlar@plantation.org">vpedlar@plantation.org</a>	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: <a href="mailto:mwengrenovich@hazenandsawyer.com">mwengrenovich@hazenandsawyer.com</a>	16" 2,778'	11-3/4" FRP 2,664'	C	3,340'	P
Turkey Point IW-1	March 2012	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: <a href="mailto:joseph.fazio@fpl.com">joseph.fazio@fpl.com</a>	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: <a href="mailto:david@mcnabbhydroconsult.com">david@mcnabbhydroconsult.com</a>	24" 2,990'	18" FRP 2,990'	F	3,230'	A



## 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 ***
IW-1	December 2011	Imperial Irrigation District Jose Perez, Technical Representative 485 E. Villa Road El Centro, CA 92243 Phone: 760-339-0570 Fax: 760-339-0838 Email: <a href="mailto:jperez@iirid.com">jperez@iirid.com</a> Tampa Electric Company	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: <a href="mailto:david@mcnabbhydroconsult.com">david@mcnabbhydroconsult.com</a> 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: <a href="mailto:camagliocco@tecoenergy.com">camagliocco@tecoenergy.com</a>	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: <a href="mailto:edward.rectenwald@mwglobal.com">edward.rectenwald@mwglobal.com</a>	18" 4,210'	10-3/4" FRP 4,220'	C	8,000'	P
IW-1	May 2010	St. Lucie West Services District Dennis Pickle, District Manager 450 SW Utility Drive Port St. Lucie, FL 34986 Phone: 772-340-0220 Fax: 772-871-5726 Email: <a href="mailto:dpickle@slwisd.org">dpickle@slwisd.org</a>	HydroDesigns, Inc. Aimee Fratacangeli, P.G. 10401 Brushfield Street Riverview, FL 33569 Phone: 813-610-5071 Fax: 813-671-8552 Email: <a href="mailto:geode9333@aol.com">geode9333@aol.com</a>	12" 2,704'	7-5/8" FRP 2,664'	F	3,295'	A





# EQUIPMENT & RESOURCES

Layne Christensen Company has numerous of resources, final equipment will be chosen at time of Notice to Proceed.

LAYNE CHRISTENSEN COMPANY  
5061 LUCKETT ROAD  
FORT MYERS, FL 33905  
PH: 239.275.1029  
FX: 239.275.1025  
[www.layne.com](http://www.layne.com)



A GRANITE COMPANY



***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***

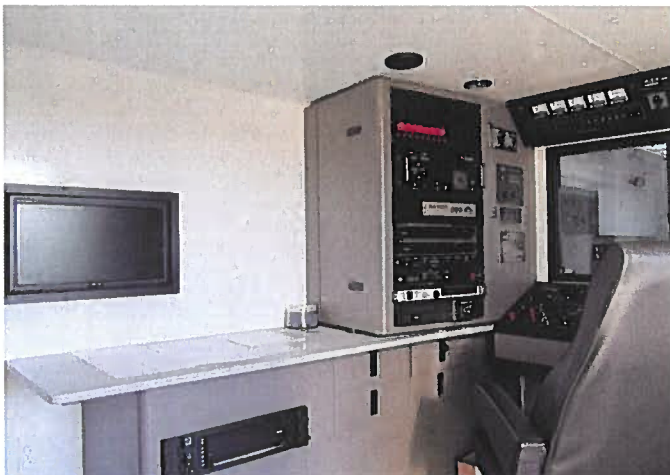
#### ***Dual Induction/LL3 with SP Log***

#### ***Borehole Compensated Sonic Log***

#### ***Fluid Conductivity/Temperature/ Flowmeter***

#### ***Acoustic Televiwer Log***

#### ***Fluid Sample Capability***







## **Layne Christensen Company**

5061 Lockett Road

Ft. Myers, FL 33905

(239) 275-1029 - [www.graniteconstruction.com](http://www.graniteconstruction.com)

### **WELL AND PUMP SERVICES**

#### **Water Well and Booster Pump Repair**

Layne is a representative for 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 craft 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,
- Brush, High Pressure Jetting
- Well Redevelopment
- Cased/Open Hole
- Geophysical Logging
- Well Video, X-Y Caliper
- Deviation Surveys
- Fishing Activities
- Pump Installation and Removal



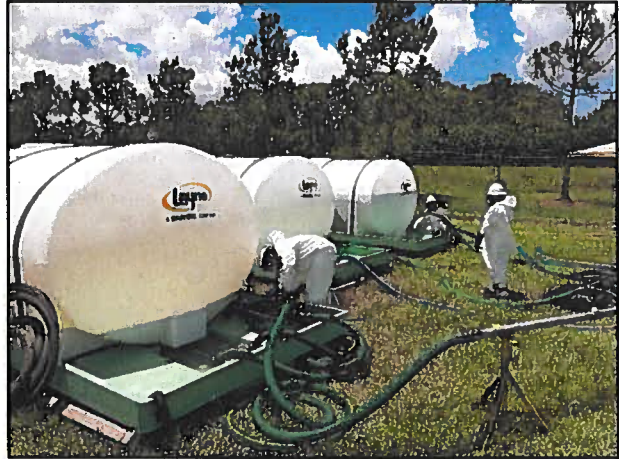
***Providing Water Well and Pump Services Since 1882***





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**WELL AND PUMP SERVICES**



***Providing Water Well and Pump Services Since 1882***