

Memorandum



To: Dale Berman, Village President & Board of Trustees

Cc: Steven Bosco, Village Administrator

From: John Laskowski, Public Works Director
Paul Young, Water Operations Superintendent

Date: February 19, 2020

Re: Approval of a Proposal from Water Well Solutions to Decommission
Well #3

For the past few years, Well #3 was operating only on an emergency basis and has now been taken out of service permanently. The Well House was demolished this past fall and the next step in the process is to abandon the well. This includes pulling the pump and motor out the well shaft and then filling it with an approved material. The removal of this equipment requires coordination with Kane County and Illinois Department of Public Health (IDPH) to obtain the necessary permits.

Removing well equipment is a specialized operation and there are few firms that are qualified to perform these services. Typically on projects like this we would contract with our consulting engineer to develop plans and specifications; however, staff chose to develop a request for proposal (RFP). Proposals were received from those qualified to provide the services required. While cost is an important factor, it is not the only factor considered by staff when reviewing proposals for professional services. In this case, staff took into account the references, past performance, and responsiveness of each company. The table below summarizes costs offered by each firm.

	Water Well Solutions Illinois Division 825 E. North Street Elburn, IL 60119	Layne Christensen Company 721 West Illinois Avenue Aurora, IL 60506	Municipal Well & Pump 1212 Storbeck Drive PO Box 311 Wapun, WI 53963
Proposal Amount	\$41,718	\$87,925	\$109,450

Based on the cost proposals, staff was initially concerned with the large difference in price for the project. To confirm an accurate understanding of the project, Village

staff contacted Water Well Solutions. In addition staff contacted their references and other colleagues in the water industry familiar with their work.

After speaking with Water Well Solutions, it was clear that they had a clear understanding of the project. They explained that they were aware that they were offering the Village competitive pricing and offered reasons for the pricing. They felt the prices of the other two firms were a little high based on projects that were recently bid in other communities. They did not think their price was uncharacteristic for deep well projects like this one. They had plans to re-use the equipment in the well and speculated they would receive good salvage value from it. They also acknowledged the Well 9 drilling project completed for North Aurora went past schedule and wanted an opportunity to demonstrate that they could perform better for the Village.

Staff also decided to contact references to for both Water Wells Solutions and Layne to confirm they have had success with similar projects. The Water Superintendent reached out to several references.

Based on our review of the qualifications, cost, experience, and responsiveness of the proposals received, it is the staff recommendation to award the contract to Water Well Solutions in the amount of \$41,718 for the decommissioning of the well plus \$1,700 for the televising of the well. This would bring the total for this project to \$43,418.



Request for Proposal

Decommission Well #3

General Information

The Village of North Aurora is seeking a qualified contractor to permanently decommission an abandoned a deep municipal well.

Proposals are requested from qualified contractors to provide the scope of services outlined below. Please submit an electronic copy of the proposal by email to the Water Superintendent, Paul Young pyoung@northaurora.org and Public Works Director, John Laskowski at jlaskowski@northaurora.org. **A mandatory site visit must be scheduled with Water Superintendent Paul Young and completed by Thursday February 6, 2020.** The proposal should demonstrate the ability of your company to meet the requirements contained herein. Responses are due Monday February 10, 2020. The contract is scheduled to be presented to the Village Board in February for consideration. If you have any questions regarding this document please submit them in an email to pyoung@northaurora.org. All inquiries must be received by Thursday, February 6, 2020. Responses to all written questions will be posted to the website (<https://northaurora.org/government/rfp-rfq-bidding.aspx>) as soon as they are generated.

Description of the Project

The Village is seeking a qualified contractor to permanently decommission an abandoned deep municipal well. This project will include the permitting of the project with governing agencies, the removal of the equipment from the well shaft, the backfilling of the well shaft and restoration of disturbed areas.

Project Timeline

The award of this contract is anticipated to be executed immediately following the February 17, 2020 Village Board meeting. The completion date for the project is May 15, 2020.

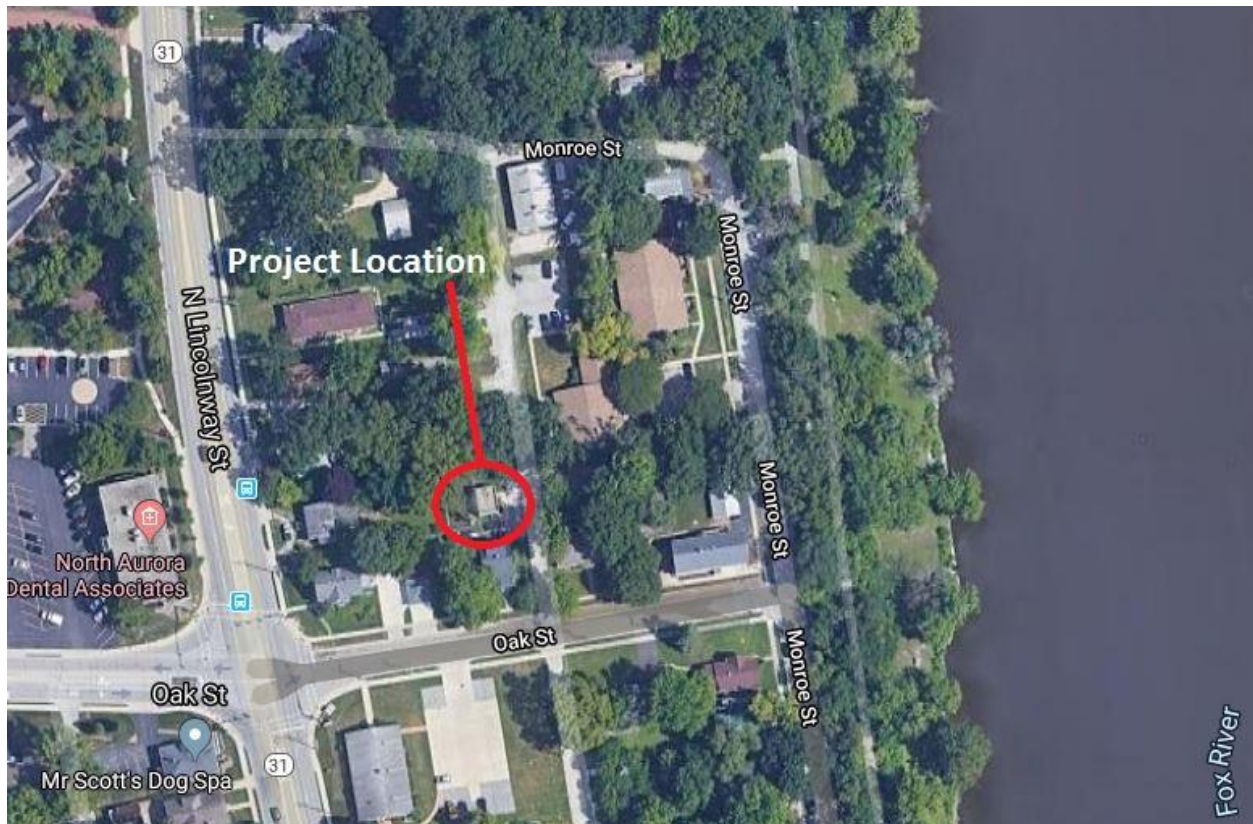
Scope of Services

This project includes the removal of the existing submersible pump and motor from the well shaft. The contractor will need to secure permits to complete the project from Kane County, and other agencies if necessary. The well must be sealed and abandoned per Kane County

regulations, permit requirements and applicable ANSI/AWWA Standards. The job site must be kept secure at all times. The specific well abandonment procedure will be determined by the contractor. We anticipate the items that would need to be completed include removal and disposal of submersible pumping equipment. We also anticipate this work includes encapsulating two unrecoverable submersible wells by setting cement tubing to a depth of 1230 feet and injecting 130 cubic yards of neat cement. The removal of the cement tubing, and backfilling with disinfected pea gravel from 1230 feet to 625 feet, with bentonite from 625 feet to 500 feet, with concrete from 500 feet to 2 feet and the removal of the well casing 2 feet below grade which would be then backfilled with approved fill to original grade. These are approximate depths. The actual depths of each layer of backfill and quantity of each material used as backfill shall be documented and recorded.

Site Visit

A **mandatory** site visit must be scheduled with Water Superintendent Paul Young and completed by Thursday February 6, 2020. The Water Superintendent can be reached directly at 630.906.7377 to arrange this meeting. Proposals will not be accepted without attending a site visit.



Qualifications

The qualified contractor is expected to demonstrate successful performance with the decommissioning of municipal wells and provide references. The qualified contractor must have the resources to perform all of items in the **Scope of Services** within the timeline for the project.

Proposal Requirements

The following information must be included:

1. The contractor's name, address, contact information and the name of the primary contact.
2. Title the proposal "Proposal Well 3 Decommission"
3. Completion of **Apprenticeship** and **Proposal** sections of this document on page 5 & 6.
4. Brief background information about the contractor, and examples of similar projects from within the past 5 years.
5. Contractor's qualifications highlighting how they align with the **Scope of Services**.
6. References: names, addresses, and phone numbers of previous municipal clients that the Village may contact for reference regarding similar projects.
7. Provide a schedule or chart illustrating the sequence and duration of construction activities demonstrating the contractor's ability to meet the project deadline.
8. Schedule of Hourly Rates for labor and equipment.
9. The Village recognizes the project has some unknowns. Therefore we are requesting a cost to complete the project based on the **Scope of Services**. Should the scope of work expand, the Village will compensate the contractor on a negotiated time, materials, and equipment basis based on the Schedule of Hourly Rates.

Selection Criteria

The successful contractor will be selected on the basis of a Village review of their proposals. The following criteria will be used to evaluate the submittals.

1. The experience the contractor has had with similar projects in the past.
2. The approach to the project and strategy for successful completion.
3. The ability of the contractor to meet the project schedule.
4. The Cost submitted in the **Proposal** and the Schedule of Hourly Rates.
5. References produced by the contractor and/or past experience with North Aurora or similar municipal projects.

Contractor Registration

The contractor who is awarded the contract will be required to register as a contractor in the Village of North Aurora. This requires the contractor to complete the "Application for Contract Registration" and pay the **\$150.00 fee**. This form can be found on the Village of North Aurora website at the following address:

<http://northaurora.org/pdf/Building%20Dept/CONTRACTOR%20REGISTRATION%202019.04.01.pdf>

The form can be picked up in the Village of North Aurora Building Department located at 25 E. State Street, North Aurora, IL 60542

Prevailing Wages

The Contractor and all Subcontractors shall pay prevailing wages as established by the Illinois Department of Labor for each craft or type of work needed to execute the contract in accordance with the Prevailing Wage Act (820 ILCS 130/0.01 et seq.). The Contractor shall provide certified payroll records in accordance with the requirements established by the Prevailing Wage Act (820 ILCS 130/5) as amended 8/10/2005 by Illinois Public Act 94-0515."

Indemnification

The policy limits availability or unavailability of insurance coverage or the applicability of claims, defenses or limitations based upon applicable law (including but not limited to the Illinois Workers' Compensation Act or similar laws or statutes) shall in no way limit the Contractor's obligation to indemnify and hold harmless the Village from any claims for damage, liabilities or other costs arising out of or relating to the Contractor's work as outlined in this contract.

Insurance Requirements

The Contractor will be required to meet our standard insurance requirements. Unless otherwise specified the Contractor shall, before commencing work hereunder, procure and thereafter maintain policies of insurance satisfactory to the Village of North Aurora. The contractor shall supply a certificate of insurance with the Village of North Aurora an additionally named insured in the following minimum amounts with specific coverage which includes underground, explosion, and collapse.

Property Damage	\$1,000,000 (each accident)
Bodily Injury	\$500,000 (each person) \$1,000,000 (each accident)
Workmen's Compensation Insurance:	All Liability imposed Workmen's Compensations stature
Employer's Liability Insurance	\$100,000
Contractual Liability Insurance	\$500,000
Completed Operations Insurance	\$500,000
Owned, Hired and non-Ownership Vehicle Bodily Injury and Property Damaged to the Following Limits	

Bodily injury, including accidental death \$500,000 (each person)
\$1,000,000 (each accident)

Property damage \$1,000,000 (each accident)

Apprenticeship

The Village has passed by Resolution on September 21, 2009, a resolution that any public works contract under the purview of the Illinois Prevailing Wage Act that is over \$25,000 shall only be awarded to a contractor who is enrolled in a Joint Apprenticeship Training Program that is registered and certified with the United States Department of Labor, Bureau of Apprenticeship and Training.

1. Each bidder is required to certify and provide information on the apprenticeship or training program(s) approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training in which the bidder participates that is relevant to the portion(s) of this project that is/are subject to the State of Illinois' Prevailing Wage Act below.

Water Well Solutions Illinois Division LLC is signatory to Local Union 150 operating engineers

See attached letter of apprenticeship

The requirements of this certification and disclosure are a material part of the contract, and the bidder shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Village at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors.



Signature

Ahmad Hamdan

Printed Name

Water Well Solutions Illinois Division LLC

Company

Proposal

The contract shall be deemed as being awarded when formal notice shall have been duly served upon the intended awardee by an officer of the Village of North Aurora duly authorized to give such notice.

I. Bidding company contact information. Please print.

Company name: Water Well Solutions Illinois Division LLC

Company address: 825 E North Street

Elburn IL 60119

Contact name: Ahmad Hamdan

Contact phone #: 630-777-4720

Contact email: ahmad.hamdan@suez.com

II. Decommission of Abandoned Well #3

I have read the scope provided in this bid document along with all associated appendices and agree to perform all of the work identified to successfully complete the Well #3 Abandonment Project:

Decommission of Abandoned Well #3 proposal in words

Forty one thousand seven hundred and eighteen dollars

Decommission of Abandoned Well #3 proposal in figures:

\$ 41,718

I Ahmad Hamdan verify that I am authorized to
(print name)
provide the above pricing on behalf of Water Well Solutions Illinois Division LLC

(company name)

And will hold the above pricing for a period of 90 days from the date of the bid opening.

A handwritten signature in black ink, appearing to read "H. H. Hall", written over a horizontal line.

Signature

2/7/2020

Date



Addendum Number 1

Well 3 Decommission Project

Issued February 5, 2020

Addendum Description

The units for the quantity of neat cement required for the project is incorrect. The correct units are cubic feet not cubic yards. The change occurs on page 2 under the **Scope of Services** section heading. The revised text is displayed below.

Scope of Services

This project includes the removal of the existing submersible pump and motor from the well shaft. The contractor will need to secure permits to complete the project from Kane County, and other agencies if necessary. The well must be sealed and abandoned per Kane County regulations, permit requirements and applicable ANSI/AWWA Standards. The job site must be kept secure at all times. The specific well abandonment procedure will be determined by the contractor. We anticipate the items that would need to be completed include removal and disposal of submersible pumping equipment. We also anticipate this work includes encapsulating two unrecoverable submersible wells by setting cement tubing to a depth of 1230 feet and injecting ~~130 cubic yards~~ **cubic feet** of neat cement. The removal of the cement tubing, and backfilling with disinfected pea gravel from 1230 feet to 625 feet, with bentonite from 625 feet to 500 feet, with concrete from 500 feet to 2 feet and the removal of the well casing 2 feet below grade which would be then backfilled with approved fill to original grade. These are approximate depths. The actual depths of each layer of backfill and quantity of each material used as backfill shall be documented and recorded.

Action Required

1. Please sign below acknowledging the change.
2. Return this page with your proposal.

A handwritten signature in black ink, appearing to read "Ahmad Hamdan".

2/7/2020

Signature

Date

Ahmad Hamdan

Printed Name

Project Manager

Title



Advertisement

Request for Proposals

The Village of North Aurora will receive sealed proposals for the Decommission of Abandoned Well 3. Proposals will be received at the North Aurora Village Hall, 25 East State Street, North Aurora, Illinois 60542 until 4:00 p.m. local time on Monday, February 10, 2020.

A mandatory site visit must be scheduled with Water Superintendent and completed by Thursday February 6, 2020.

All proposals must be submitted electronically to jlaskowski@northaurora.org and pyoung@northaurora.org with the subject line "Proposal Well 3 Decommission."

The Request for Proposal can be downloaded, free of charge, at the Village's website starting Monday January 27, 2020. The website address is <http://northaurora.org/government/rfp-rfq-bidding.aspx>. The Village reserves the right to reject any or all proposals, or to waive or decline irregularities in any submittal. All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the contract throughout including the Illinois Prevailing Wage Act (Ill. Rev. Stat. Ch. 48, Sects 39s-1-12) and the Illinois Preference Act (Ill. Rev. Stat. Ch. 48, Sects. 2201-2207) and an Apprenticeship Training Program certified by the US Department of Labor.



February 7, 2020

Village of North Aurora
25 E State Street
North Aurora, IL 60542
Attn: John Laskowski & Paul Young

RE: North Aurora Well 3 Pump Removal & Well Abandonment Bid

Dear Mr. Laskowski & Mr. Young-

SUEZ, Water Well Solutions, is pleased to submit the attached bid for the pump removal and well abandonment of Well 3. This bid is based on the published specifications and we acknowledge addenda #1 and all other addenda/question & answer published. Please include this cover letter as part of SUEZ's bid for the rehabilitation project, as we make a few clarifications and outline our scope.

Our bid is based on a thorough review of the record provided within the bid:

- Well No. 3 Total depth; not confirmed, assumed approx. 1300ft based on 130 cf @ 1230'
 - 20" casing to ~600' range
 - 19" hole below casing to total depth
- Equipment installed- Byron Jackson Double mechanical sealed motor- no mercury seal assumed and confirmed based on install sheet provided in addenda

Please note, our bid assumes the information stated above is true, and that the borehole volumes were calculated assuming uniform diameter (no caverns or voids). If the construction is different during abandonment, SUEZ will provide an updated proposal per the bid requirements. Also, we assume no unusual downhole circumstances and pump is intact, collapsing formation, bridging, failed casing, fishing, etc.

As stated in the bid specifications, we assume the County will approve the abandonment plan including the sealing of the bottom of the well with no pump retrieval attempt at this time. Upon permitting, we will confirm the abandonment plan and discuss any changes requested by the County with the Village.

Suez, Water Well Solutions, values our relationship with the Village of North Aurora and look forward to working with you. As always, please feel free to contact me directly on my cell at (630) 777-4720 or via email at ahmad.hamdan@suez.com. Thank you.

Sincerely,

Ahmad T. Hamdan, P.E.
Project Manager
SUEZ Advanced Solutions
Water Well Solutions Illinois Division, LLC.

QUALIFICATIONS DOCUMENTATION LIST:

Please see attached:

1. Company resume
2. References
3. Equipment list
4. Examples of similar projects within 5 years (See Below)

Project Examples:

1. Romeoville well 13 abandonment. Large diameter well, utilizing multiple strata of well abandonment materials
2. Lake County Public Works: multiple well sizes and depths over last 5 years, abandonment utilizing different well materials based on county permitting
3. Elk Grove Village: abandonment of wells of varying depth and size with different abandonment strata
4. US Army Base in Northern IL: abandonment of old deep well with different materials to seal off different formations
5. WM deep supply well in Southside Chicago: pump removal, draft and permit well abandonment based on well logs. Abandon well utilizing different well abandonment materials.



ASSUME START OF 2/24/2020

Plan Duration



Actual Start



% Complete

[illegible]



WATER WELL SOLUTIONS ILLINOIS DIVISION, LLC

825 E North Street, Elburn, Illinois 50119

Phone: (630) 365-9099; Web: wwssg.com

2020 SERVICE RATES

	Straight Time <u>Per HR</u>	Overtime <u>Per HR</u>	Doubletime <u>Per HR</u>
Serviceman with service truck & tools	\$ 175.00	\$ 262.50	\$ 350.00
Machinist with tools (shop)	\$ 170.00	\$ 255.00	\$ 340.00
Helper with tools	\$ 146.00	\$ 219.00	\$ 292.00
Serviceman & Helper with service truck and tools	\$ 355.00	\$ 532.50	\$ 710.00
VFD Elecitrical Technician	\$ 195.00	\$ 292.50	\$ 390.00

Small Rig (5T, etc)

2 Man Crew	\$ 351.00	\$ 526.50	\$ 702.00
3 Man Crew	\$ 520.00	\$ 780.00	\$ 1,040.00

Medium/Large Rig (R15, etc)

2 Man Crew	\$ 365.00	\$ 547.50	\$ 730.00
3 Man Crew	\$ 540.00	\$ 810.00	\$ 1,080.00

Large Rig/Rental (cable tool, larger hoist, etc)

2 Man Crew	\$ 380.00	\$ 570.00	\$ 760.00
3 Man Crew	\$ 550.00	\$ 825.00	\$ 1,100.00

Per Diem \$250/Day/Man (work outside of 50 mile radius of shop)

Well Televising (assume open access)

	<u>Each</u>
Shallow Well (0-300')	\$ 1,400.00
Deep Well (300'-1,900')	\$ 1,700.00

Notice: The client hereby authorizes Water Well Solutions Illinois Division, LLC to proceed with the work outlined below or attached, based on the hourly rates outlined above, with the understanding that these rates are applicable for 30 days. All materials will be gauranteed to be as specified in attached proposal. The undersigned agrees to have payments be made within 30 days or as directed otherwise. All work will be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the original scope will be approved by the client prior to proceeding with work. All agreements are contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other insurance.

COMMENTS:

PURCHASER: _____

PROJECT: _____

Signature: _____

Name/Title: _____

Date: _____



EXPERIENCE LIST FOR KEY ADVISORY & TECHNICAL PERSONNEL:

Water Well Solutions Service Group, Inc. is a full service water well contractor. Our main clientele consists of municipalities, industries, agriculture, commercial and other high capacity, multi-well facilities. Our main services consists of: well site investigation /selection; well construction and pump design/installation; well reconstruction/rehabilitation; pump repair/redesign; as well as other well house appurtenances such as: electrical controls; discharge piping; chemical treatment instruments; etc. It is our desire to develop a sole source company for providing our clients the highest quality and most cost effective solutions for the servicing of any and all the interior components of a typical water well facility. We are most widely recognized for our diverse team of professionals, and the team's ability to develop and utilize unique water well technologies to provide the best solution for water well redevelopment.

Water Well Solutions Service Group, Inc. was developed in November of 2000 by the company principals Michael E. Judkins and Mark W. Thurow along with the assistance of other key employees. Mr. Judkins and Mr. Thurow shared the duties of president, vice president, secretary, and treasurer of the corporation. The company was expanded to service the Illinois market through a relationship with business partner Todd Kerry with the development of Water Well Solutions Illinois Division, LLC, a wholly owned subsidiary of WWSSG, Inc. with offices in Oconomowoc, WI and Elburn, IL.

In 2014, WWSSG partners sold their interest in WWSSG and WWSID to SUEZ (Utility Service Group) and is now a Global leader in the Water Well Industry.

SENIOR PROJECT ENGINEERS:

Michael E. Judkins – Director Wells LOB is a 1987 graduate of the University of Wisconsin-Madison, with a Bachelor of Science degree in Geology and Geophysics. Following school he spent 9 years with Layne Christensen in the water well, environmental and mining industries. He then joined Municipal Well & Pump in 1995 and continued as a project engineer until October 2000. In 2000, Michael co-founded Water Well Solutions Service Group, Inc. and acted as President and CEO until the acquisition of this company by Utility Service Group, Inc., in 2014. Following the acquisition, he acted as General Manager of the WWSSG division until accepting the position as the Director of the Wells Line of Business.

Todd E. Kerry – Director of Wells Central Region is a graduate of Northern Illinois University in DeKalb, IL and worked his way through College as the third generation water well drilling and pump installation contractor with Meadow Equipment Sales & Service, Inc. After graduating, he spent 3 years in the field as an installer and drilling assistant on rotary and cable tool projects and in 1998 he was promoted to a Project Engineer where he continued until 2009. Todd then joined WWS as a Senior Project Manager to manage the Illinois Division. He also sits on the Board of Directors with the Illinois Association of Groundwater Professionals being elected by his peers to represent them.

Mark W. Thurow- Operations Manager, WI, attended the University of Wisconsin-Barron, studying telecommunications. He joined Layne Christensen in 1986 as a pump installer/drilling assistant, continued as a project engineer in the water well, environmental and water treatment industries until 1996. Mark joined Municipal Well & Pump and continued as a project engineer until October 2000 when he joined Water Well Solutions.

Jeffrey P. Gibson is a graduate of the University of Illinois, Champaign-Urbana with a Bachelor of Science degree in Civil Engineering. Jeff spent 29 years with the Layne Organization working on ground water exploration, development, design/construction, pumping systems & control design, installation and servicing, well development & rehabilitation, & water treatment design, installation and repairs. Jeff has worked in the

municipal, industrial, agricultural, commercial, mining, irrigation & development markets throughout his career. He joined Water Well Solutions in October of 2013.

Chris Zeeb joined our team in March of 2017. Chris has more than 20 years in the water supply industry, including 12 years with Layne Christensen in Michigan where he started as a field operator and advanced to Branch Manager. Chris started in the water industry as a wholesale supplier, focused on turbine pump design and pump controls both electric and hydraulic. Chris has extensive experience in submersible and line shaft turbine pump design and installation, and is especially well versed in well rehabilitation techniques.

Ahmad T. Hamdan, P.E. is a graduate of the University of Illinois, Urbana-Champaign with a Bachelor of Science degree in Chemical Engineering. Ahmad spent 2 years with the Layne Christensen Company working on well design, construction, pumping systems design, installation and servicing, well development & rehabilitation, installation and repairs. Ahmad has worked in the municipal, industrial, agricultural markets thus far. Ahmad is a registered Licensed Professional Engineer in the State of Illinois and joined Water Well Solutions in May, 2017.

Peter Bennin joined the company in June of 2006 as a project manager. Peter worked as both a field service technician and a project manager with Municipal Well and Pump for the last 13 years. He has extensive experience with both line shaft and submersible turbine pumps. In addition, Peter is a state of Wisconsin certified water operator and a licensed pump installer. He is a factory authorized start-up technician for ABB ACS 550 Variable Frequency Drives and has experience troubleshooting and repairing all types of electrical control equipment. He has successfully completed both the OSHA 40 HR hazardous waste operations training course and the permit required confined spaces training course.

David J Grutzik, P.E. is a 1982 graduate of Iowa State University with a Bachelor of Science degree in Civil Engineering and holds a Professional Engineer certification. From 1984 to 1990, he was the Director of Public Works in Weston, WI. From 1990 to 1996 he was the branch manager for Layne Northwest. From 1996 to 2004, he was an owner/partner of Civil Professional Consultants (CPC), a consulting engineering company. In 2004, CPC successfully merged with Central Wisconsin Engineering (CWE). Dave's role at CWE was head of architecture and vice president. He then joined Water Well Solutions in the spring of 2013 as a senior project engineer.

OPERATIONS MANAGERS & KEY FIELD PERSONNEL:

Mike Nailor is our Illinois Division Field Operations Manager with more than 15 years experience at Meadow Equipment Sales & Service, Inc. **Jon Kohlmetz** is our Wisconsin Field Operations Manager and joined the company in January of 2007. Both are also tasked as site safety managers to ensure safe working conditions on the jobsite.

WWS has recognized continued growth throughout the years with the acquisition of the highest quality machinery and equipment, and the addition of talented personnel. Our operations staff is comprised of talented individuals with an impressive number of years of service. Randy Williams is A lead cable tool drilling superintendents, and have in excess of 50 years combined experience. These gentlemen are supported by Jon Kohlmetz, our Shop Superintendents and our field staff Doug Mynatt, Shawn Tremaine, Andy Burbach, Matt Flak, Jeremy Hoberg , Craig Jones, Ronaldo Warren, Jim Cleary, Jack Bark, Mike Richards, Matt Werhane, , Gary Rickmon and Dave Knutson.

BYRON JACKSON QUALIFICATIONS: our field staff have over 30 years experience pulling, servicing and reinstalling Byron Jackson Mercury sealed motors, ranging from 75-500HP 460 & 2300V motors.

PARTNERING TECHNOLOGY:

Water Well Solutions is honored to represent, and be supported by, such exclusive vendors as: “**AirBurst® Technologies**” & “**Hy-RIP**” for water well development and rehabilitation; “**Aquastream®**” suction flow control

technologies for sand and contaminant control; “**Carus Chemicals**” & “**Pristine Chemicals**” for well rehabilitation specific chemistry; “**Layne Vertiline**” and “**American Turbine Pump**” line of vertical turbine and “**Centrilift**” as well as “**Sun-Star Electric**”, for submersible pumping equipment, submersible motor re-winds of all major manufactures, for submersible pumping equipment; etc. WWS is also a distributor of “**ABB Drives**”. Exclusive relationships with such industry recognized suppliers aid Water Well Solutions in maintaining a competitive and opportunistic position in the water well market place.

Water Well Solutions would like to recognize our new Illinois distributor status with **ITT Goulds Pump** as of 4/1/09. We are proud to be able to buy factory direct for Goulds products and services which offers WWS purchasing power with Global support. Water Well Solutions would also like to recognize our exclusive agreement with **AirBurst® Technology** in Northern, IL as of 4/1/09. We are proud to be the sole provider of **AirBurst® Technology** throughout the entire state of Wisconsin and Northern Illinois, as well as a Semi-Exclusive provider in the remainder of the State of Illinois. Water Well Solutions Senior Project Managers worked to develop and prefect the **AirBurst® Technology** to what it is today. No other company has the knowledge, and application experience that WWS has to offer.

Water Well Solutions is very proud of our image and safety record and are sure you will be as equally impressed with the quality of our equipment and professionalism. We have enjoyed rapid growth by attracting the best people in the industry. We continue to strive to meet our client’s individual requirements with professionalism and realistic solutions to their ever changing needs. We base our business on trust, and are confident our clients will appreciate our innovative, cost effective, and straightforward approach to all their water needs.



Illinois Service Center Wells Reference List

(Deep Well Pump Removal, Inspection, and Abandonment)

City of Romeoville IL
Mr. Carl Groth
(630)946-3550

City of Lockport
Scott Green
815-671-9873

Wasco Sanitary District
P.O. BOX 9, WASCO, IL
Jason Fowler
630-208-9898

Village of Algonquin, IL
Jason Schutz
847-658-2754

Elk Grove Village, IL
Scott Nailor
847-734-8047

City of McHenry, IL
Mr. Mike Palmer
815-363-2190

City of Warrenville, IL
John Satter
630-393-9050



Water | Advanced Solutions

Major Equipment Listing

2/16/17

- (1) 23.5 ton Terex 4792 Crane 2002
- (1) 23-ton National Crane Model 800D 2003
- (2) 44,000 lbs. Pump rigs Pulstar P38000HD 2001
- (1) 66,000 lbs. Pulstar P66000HD Pump Rig 2003
- (2) 44,000 lbs. R12 Smeal Pump Rig
- (3) 20,000 lbs. 10T Smeal Pump Rig
- (2) 12,000 lbs. 5T Smeal Pump Rigs
- (4) 55,000 lbs. R15 Hunke Pump Rigs
- (2) 140,000 lb. Cable Tool Drill Rig Bucyrus Erie 36L 1988
- (1) 22 W Cable Tool Drill Rig
- (1) 3000' Well Televising van 2001 GMC
- (1) 3000' Well Televising van 2013 GMC
- (1) 500' Portable Well Televising Camera
- (1) 10,000 lb. trailer 2012
- (2) 20,000 lb. trailers 2007
- (2) 26,000 lb. trailers 2014
- (4) 26,000 lb. trailers 2015
- (1) 7,000 lb. trailer 2010
- (1) 8,000 lb. trailer 2014
- (1) 14,000 lb. trailer 2010
- (2) Enclosed trailers with VFD capabilities
- (5) F150 Service trucks
- (2) F550 Service truck 2008
- (2) F450 Service Truck 2006
- (3) International 4300 Service truck with cranes 2016
- (3) International 4400 Service trucks with cranes 2017
- (1) Ford Flatbed /Water Truck
- (1) International Winch Tractor w/ Tri-axle Low Boy 2000
- (1) International Semi Tractor
- (1) Tandem axle 48' Flatbed trailers
- (1) Hy-RIP Apparatus Trailer
- (1) 200 KW Trailer Mounted Generator
- (1) 75 KW Trailer Mounted Generator
- (1) 3200 Gallon Hy-RIP chemical injection system
- (2) 185 Portable Air Compressors
- (2) High Pressure Steam Cleaning Units
- (1) Hydraulic swage tool for casing repairs
- (1) Trailer mounted CO2 Injection System For Aqua Freed/ Aqua Gard 2016
- (1) New Holland LS 180 Skid loader
- (1) John Deere All Terrain 4X4 Forklift 6,000 lbs. Cap

Water Well Solutions * N87 W36051 Mapleton St. * Oconomowoc, WI 53066

Toll Free: (888) 769-9009 * Fax: (920) 474-4771 * Web: www.wwsug.com

- (1) Toyota Forklift 10,000 lbs. Cap
- (1) Caterpillar Forklift 10,000 lbs. Cap
- (1) Yale Forklift 5,000 lbs. Cap
- (11) Miller Portable welders

Shop equipment includes an 18" x 84" lathe, milling machines, welders, drill presses, 2 hydraulic presses, band saws, drill presses, etc. Also, various submersible and turbine test pumps ranging from 5 HP to 500 HP.

INTERNATIONAL UNION OF OPERATING ENGINEERS

LOCAL UNION NO. 150, 150B, 150A, 150C, 150RA, 150D, 150G, 150M

AFFILIATED WITH THE AFL-CIO AND BUILDING TRADES DEPARTMENT

JAMES M. SWEENEY
PRESIDENT-BUSINESS MANAGER



(708) 482-8800 • FAX (708) 482-7186
6200 JOLIET ROAD
COUNTRYSIDE, IL 60525-3992

August 7, 2019

Water Well Solutions
825 E North St
Elburn, IL 60119

Re: Proof of Compliance with 30 ILCS 500/30-22(6)
Our File No. MI-00321

Dear Sir or Madam:

At the request of Water Well Solutions, I am providing you with evidence of the Company's compliance with the apprenticeship requirements in 30 ILCS 500/30-22(6) of the Illinois Procurement Code. I am submitting this letter along with apprenticeship certificates (Nos. IL012020003 and IL008780173 and IL004113830).

As a signatory contractor with the International Union of Operating Engineers, Local 150, AFL-CIO, Brothers Water Well Solutions, is required by Collective Bargaining Agreement to participate in an applicable apprenticeship and training program approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training. The attached certificates are evidence of compliance with the U.S. Department of Labor's apprenticeship requirements.

Thank you for your cooperation in this matter. If you have any questions or concerns, please do not hesitate to contact me.

Very truly yours,

IUOE, Local 150, AFL-CIO
District 1 dispatch office

Amanda Gunderson

Enclosures: Certificates

The United States Department of Labor

Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

*Operating Engineers Local 150 Apprenticeship Fund
Wilmington, Illinois
For the Trade — Operating Engineer (Heavy Equipment Technician)*

*Registered as part of the National Apprenticeship System
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor*

May 5, 2002

Date Revised June 21, 2011

Registration No.

IL012020003



Hilda L. Solis
Secretary of Labor

Al V. Hall
Administrator, Office of Apprenticeship

The United States Department of Labor

Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

*Operating Engineers Local 150 Apprenticeship Fund
Wilmington, Illinois
For the Trade — Operating Engineer*

*Registered as part of the National Apprenticeship System
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor*

December 31, 1978
Date Revised June 23, 2011

Registration No. IL008780173



Hilda J. Solis
Secretary of Labor

Ad. V. Hall
Administrator, Office of Apprenticeship

The United States Department of Labor

Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

Operating Engineers Local 150 Apprenticeship Fund

Wilmington, Illinois

For the Trade - Geothermal and Well Drilling Operator

Registered as part of the National Apprenticeship System

in accordance with the basic standards of apprenticeship

established by the Secretary of Labor



June 21, 2011

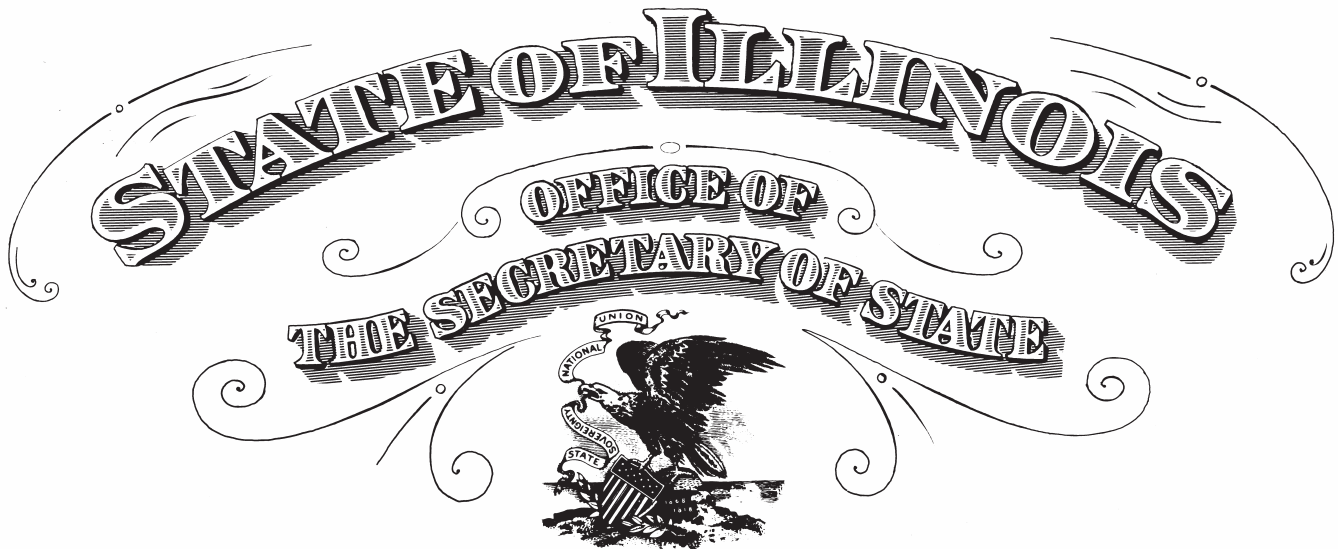
Date

IL004113830

Registration No.

Michael J. Solis
Secretary of Labor

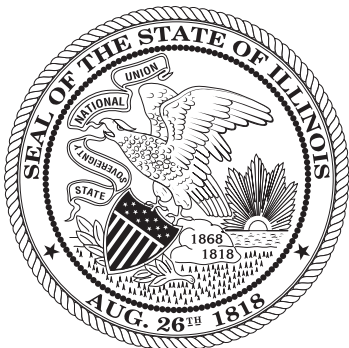
Ad V. Lull
Administrator, Office of Apprenticeship



To all to whom these Presents Shall Come, Greeting:

I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that

WATER WELL SOLUTIONS ILLINOIS DIVISION, LLC, A WISCONSIN LIMITED LIABILITY COMPANY HAVING OBTAINED ADMISSION TO TRANSACT BUSINESS IN ILLINOIS ON AUGUST 02, 2004, APPEARS TO HAVE COMPLIED WITH ALL PROVISIONS OF THE LIMITED LIABILITY COMPANY ACT OF THIS STATE, AND AS OF THIS DATE IS IN GOOD STANDING AS A FOREIGN LIMITED LIABILITY COMPANY ADMITTED TO TRANSACT BUSINESS IN THE STATE OF ILLINOIS.



In Testimony Whereof, I hereto set
my hand and cause to be affixed the Great Seal of
the State of Illinois, this 27TH
day of FEBRUARY A.D. 2019 .

Jesse White

SECRETARY OF STATE