
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS
BRAD MERKEL, DEPUTY DIRECTOR OF PUBLIC WORKS
SUBJECT: RESOLUTION: WELL #6 ABANDONMENT
AGENDA: JANUARY 9, 2023 SPECIAL BOARD MEETING
DATE: DECEMBER 27, 2022

ISSUE

Should the Village Board approve Well #6 Abandonment.

DISCUSSION

The IEPA is requesting that the Village Abandon Well #6 in order to minimize possible source water contamination and to continue our reduced monitoring waiver. Well #6 is one of the original shallow wells in Prestbury that has high iron and low water production. The Village has not pumped Well #6 into the water distribution system since 2003 when the Well #8 water treatment plant went online. Staff believes this is an appropriate request of the IEPA since the well is no longer needed by the Village.

Staff received a proposal from Layne Christensen Company to abandon Well #6 in accordance with the Illinois Water Well Construction Code as overseen by the Illinois Department of Public Health. The proposal includes pulling and disposing of the existing well equipment, filling the well with bentonite chips to within 3' of the top of the well and 3' of cement grout to cap the well. Layne will also procure all necessary permits with the Kane County Health Department and coordinate all abandonment work with the local inspector. The total cost is \$12,000 to have Layne Christensen Company abandon Well #6. The proposal is attached.

COST

The estimated cost of the Well #6 Abandonment is \$12,000.00. This project was unbudgeted; however, the funds are available in the FYE 23 Water Operations Budget, account number 50-60-6309: Other Professional Services.

RECOMMENDATION

The Village Board approves **Resolution #20230109PW3** authorizing an agreement with Layne Christensen Company for the Well #6 Abandonment.



RESOLUTION NO. 20230109PW3

VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS

**RESOLUTION AUTHORIZING EXECUTION OF AN AGREEMENT WITH LAYNE
CHRISTENSEN COMPANY, INC.**

WHEREAS, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village to engage the services of Layne Christensen Company, Inc. to provide professional services to the Village of Sugar Grove, and to execute an agreement;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

That it is in the best interests of the Village of Sugar Grove to enter into an agreement between Layne Christensen Company, Inc. and the Village of Sugar Grove for the Abandonment of Well #6. The Director of Public Works is hereby authorized to execute said agreement on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 9th day of January, 2023.

Jennifer Konen, President of the Board
of Trustees of the Village of Sugar Grove,
Kane County, Illinois

ATTEST:

Alison Murphy, Clerk
Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Matthew Bonnie	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Heidi Lendi	_____	_____	_____	_____
Trustee Michael Schomas	_____	_____	_____	_____
Trustee Ryan Walter	_____	_____	_____	_____
Trustee James F. White	_____	_____	_____	_____
President Jennifer Konen	_____	_____	_____	_____



Layne Christensen Company
721 W. Illinois Avenue
Aurora, IL 60506

630/897-6941
graniteconstruction.com

June 7, 2022

Mr. Brad Merkel, Public Utilities Supervisor
Village of Sugar Grove
601 Heartland Drive
Sugar Grove, IL 60554

Re: Well #6

Mr. Merkel:

Per your request, it is Layne's pleasure to present this estimate to abandon Sugar Grove Well #6. If contracted, Layne will perform the work on a time and material basis per the attached Schedule B and will follow the terms and conditions of our Professional Services Agreement (PSA) with the Village. The attached Work Order Form lists Layne's standard published rates. The estimate in this letter includes the PSA stipulated 5% deduct applied toward labor. This estimate is based upon the pump pulling out of the well in a normal manner without any unusual circumstances such as column separation, the pump becoming stuck in the well, etc.

Layne will abandon the well in accordance with the Illinois Water Well Construction Code as overseen by the Illinois Department of Public Health and as administered by the Kane County Health Department (KCHD). As required by the Code, Layne-Western is a licensed water well contractor in the State of Illinois. Layne will procure necessary permits with the KCHD and will coordinate all abandonment work with their local inspector. Following the abandonment of the well, Layne will execute and submit the required Water Well Sealing Affidavit to the KCHD and provide a copy to the Village.

Layne will pull and dispose the existing pumping equipment. Layne proposes to fill the well with bentonite chips to within 3' of the top of the well's concrete pedestal and top off with 3' of cement grout.

The estimate to perform the described scope of work is \$12,000.

Thank you for the opportunity to present this proposal. If you have any questions or comments, or if we may be of any service, please do not hesitate to contact me.

Layne Christensen Company

William Balluff, P.E.
Account Manager III

WORK ORDER



Layne Christensen Company

721 W. Illinois Avenue, Aurora, IL 60506; Phone (630) 897-6941
229 W. Indiana Ave., P.O. Box 489, Beecher, IL 60401; Phone (708) 946-2244

PROFESSIONAL SERVICES AGREEMENT

SCHEDULE B

Purchaser: VILLAGE OF SUGAR GROVE

Job Location: SUGAR GROVE WELL 6

SERVICE RATES - EFFECTIVE OCTOBER 1, 2021

	Straight Time		Overtime	Doubletime
	Per Hr.	8 Hr. Day	Per Hr.	Per Hr.
Serviceman w/hand tools	196.00	1568.00	294.00	392.00
Serviceman w/service truck and hand tools, or welder	225.00	1800.00	323.00	421.00
Helper	170.00	1360.00	255.00	340.00
Serviceman and 1 Helper	366.00	2928.00	549.00	732.00
<u>Small Rig or Winch Truck</u>				
1 Man Crew	245.00	1960.00	343.00	441.00
2 Man Crew	415.00	3320.00	598.00	781.00
3 Man Crew	585.00	4680.00	853.00	1121.00
<u>Middle Rig, Large Hoist or Flatbed Crane</u>				
1 Man Crew	261.00	2088.00	359.00	457.00
2 Man Crew	431.00	3448.00	614.00	797.00
3 Man Crew	601.00	4808.00	869.00	1137.00
<u>Big Rig, Large Hoist and Poles, or Large Crane</u>				
1 Man Crew	302.00	2416.00	400.00	498.00
2 Man Crew	472.00	3776.00	655.00	838.00
3 Man Crew	642.00	5136.00	910.00	1178.00
4 Man Crew	812.00	6496.00	1165.00	1518.00
Power Tong Usage, per 8 hour shift		470.00		
<u>Machine Shop/Yard Labor and Equipment</u>				
Machinist and Equipment	193.00	1544.00	280.00	367.00
12" Threading Machine and Operator	219.00	1752.00	306.00	393.00
Serviceman w/hand tools	174.00	1392.00	261.00	348.00
Helper	166.00	1328.00	249.00	332.00
Sandblast Equipment and 2 man crew	385.00	3080.00	555.00	725.00

Mileage: Auto: \$0.55 Pickup: \$0.70 1-Ton: \$1.00 2-1/2 Ton Flatbed: \$2.10 Semi-Tractor: \$2.75

Subsistence-Per Man

Over 55 miles radius from home office.....\$65.00 + Hotel

REMARKS:

SUBMITTED WITH PSA ABANDONMENT PROPOSAL OF 06/07/2022

Work Authorized on Behalf of Purchaser By: _____

Date: _____

Title: _____