
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: BRAD MERKEL, DIRECTOR OF PUBLIC WORKS
SUBJECT: RESOLUTION: WELL #2 ABANDONMENT
AGENDA: AUGUST 15, 2023, BOARD MEETING
DATE: JULY 24, 2023

ISSUE

Should the Village Board approve Well #2 Abandonment.

DISCUSSION

The need to abandon Well #2 was discussed at the July 18, 2023, Village Board meeting and staff was asked to bring it before the Village Board for approval at the August 15, 2023, meeting. Based on Well #2 exceeding the MCL for Manganese. Staff recommends abandoning Well #2 to avoid future MCL Violations from the IEPA and meet the Compliance Commitment Agreement Provided by the IEPA.

Staff received a proposal from Layne Christensen Company to abandon Well #2 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 \$20,000 to have Layne Christensen Company abandon Well #2.

COST

The estimated cost of the Well #2 Abandonment is \$20,000.00. This project was unbudgeted; however, the funds are available in the FYE 24 Water Operations Budget, account number 50-60-6309: Other Professional Services.

RECOMMENDATION

The Village Board approves **Resolution #20230815PW1** authorizing an agreement with Layne Christensen Company for the Well #2 Abandonment.



RESOLUTION NO. 20230815PW1

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 #2. 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 15th day of August__, 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 Sean Michels	_____	_____	_____	_____
Trustee Michael Schomas	_____	_____	_____	_____
Trustee James F. White	_____	_____	_____	_____
President Jennifer Konen	_____	_____	_____	_____



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

630/897-8941
graniteconstruction.com

June 26, 2023

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

RE: Abandonment of Well No. 2 / Sand & Gravel Well Construction

Mr. Merkel:

Well 2 Abandonment

Per your request, Layne is pleased to submit our estimate for the abandonment of Sugar Grove Well 2 located on Railroad Street.

If contracted, Layne will perform the abandonment on a time and material basis in accordance with the Village's Professional Services Agreement (PSA) with Layne. PSA Schedule B is attached. This estimate includes the PSA discounts.

The abandonment of Well 2 falls under the jurisdiction of the Kane County Health Department (KCHD). As the necessary licensed water well driller for a project of this type, Layne will coordinate all permit applications, abandonment, and final paperwork submittals to the appropriate KCHD inspector with copies to the Village.

For this estimate, Layne has assumed the following abandonment procedure:

- Remove and dispose of pump
- Backfill well with bentonite chips from well's total depth to three feet from the top of the well's concrete pedestal.
- Concrete to the top of the pedestal.

Estimated cost for this scope of work:

Labor and Equipment	\$18,000
Abandonment Materials	<u>\$ 2,000</u>

Total Estimate	\$20,000
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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, IL

Job Location: SUGAR GROVE WELL 2

SERVICE RATES - EFFECTIVE OCTOBER 1, 2022

	Straight Time		Overtime	Doubletime
	Per Hr.	8 Hr. Day	Per Hr.	Per Hr.
Serviceman w/hand tools	206.00	1648.00	309.00	412.00
Serviceman w/service truck and hand tools, or welder	246.00	1968.00	349.00	452.00
Helper	182.00	1456.00	273.00	364.00
Serviceman and 1 Helper	388.00	3104.00	582.00	776.00
<u>Small Rig or Winch Truck</u>				
1 Man Crew	257.00	2056.00	360.00	463.00
2 Man Crew	439.00	3512.00	633.00	827.00
3 Man Crew	621.00	4968.00	906.00	1191.00
<u>Middle Rig, Large Hoist or Flatbed Crane</u>				
1 Man Crew	274.00	2192.00	377.00	480.00
2 Man Crew	456.00	3648.00	650.00	844.00
3 Man Crew	638.00	5104.00	923.00	1208.00
<u>Big Rig, Large Hoist and Poles, or Large Crane</u>				
1 Man Crew	316.00	2528.00	419.00	522.00
2 Man Crew	498.00	3984.00	692.00	886.00
3 Man Crew	680.00	5440.00	965.00	1250.00
4 Man Crew	862.00	6896.00	1238.00	1614.00
Power Tong Usage, per 8 hour shift		470.00		
<u>Machine Shop/Yard Labor and Equipment</u>				
Machinist and Equipment	197.00	1576.00	286.00	375.00
12" Threading Machine and Operator	223.00	1784.00	312.00	401.00
Serviceman w/hand tools	178.00	1424.00	267.00	356.00
Helper	172.00	1376.00	258.00	344.00
Sandblast Equipment and 2 man crew	395.00	3160.00	570.00	745.00

Mileage: Auto: \$0.65

Pickup: \$0.90

1-Ton: \$1.35

2-1/2 Ton Flatbed: \$2.50

Semi-Tractor: \$4.00

Subsistence-Per Man

Over 55 miles radius from home office.....\$68.00 + Hotel

The undersigned Purchaser hereby instructs Layne Christensen Company (Contractor), to proceed with the work described with the understanding that the Terms and Conditions shown on the reverse are hereby incorporated as part of this Quotation and with the specific understanding that Contractor will not be held liable for any damage in any way whatsoever for failure to complete the described work, nor for any injury or damage resulting from Contractor's efforts to perform such work, or for delay on Contractor's part in completing same. All work described herein will be provided as quoted above or on a cost plus basis at the hourly rates provided. All quotes indicated, if any, are estimates based on the best information available prior to beginning work. Purchaser's pumps, motors, parts and/or accessories may be stored by the Contractor for sixty (60) days from the date of invoice or other written notice from Contractor. After said sixty (60) days, disposal of such equipment may be made by the Contractor without incurring any liability. All hours worked before or after Contractor's normal work day hours and all hours worked on Saturdays, will be billed at time and one-half rates. All work on Sundays and/or any federally recognized holiday will be billed at double time rates.

REMARKS:

SUBMITTED WITH PSA ABANDONMENT ESTIMATE OF 06/26/2023

Work Authorized on Behalf of Purchaser By: _____

Date: _____

Title: _____