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**VILLAGE OF SUGAR GROVE  
BOARD REPORT**

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**TO:** VILLAGE PRESIDENT & BOARD OF TRUSTEES  
**FROM:** BRAD MERKEL, DIRECTOR OF PUBLIC WORKS  
**SUBJECT:** RESOLUTION: ANNUAL PREVENTATIVE MAINTENANCE WELL TESTING  
**AGENDA:** DECEMBER 17, 2024, REGULAR VILLAGE BOARD MEETING  
**DATE:** NOVEMBER 25, 2024

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**ISSUE**

Should the Village Board Conduct Annual Preventative Maintenance Well Testing.

**DISCUSSION**

At the January 9, 2023 Special Board Meeting, the Village approved entering into a service agreement with Layne Christensen Company, Inc. for water system needs. As a component of this agreement the labor charges were discounted 5% for performing well maintenance, including Annual Well Testing services. Layne Christensen recommends performing Preventative Maintenance Well Testing annually.

The preventative maintenance testing consists of obtaining current static water level, gallons per minute output, pumping water level, drawdown, amperage, discharge pressure, etc. at each one of the seven Village Wells. Once all the data is collected a short analysis of current and previous data along with the data sheet and pump curve will be provided. This data will provide information on how the pumping assembly and the wells are currently performing. The estimated cost of this project is \$11,300.00.

**COST**

The cost for Annual Preventative Maintenance Well Testing is estimated to be \$11,300.00 based on a time and material basis. The FYE 2025 Water Operations Budget, account number 50-60-6309: Other Professional Services has \$12,000 included for Annual Preventative Maintenance Well Testing.

**RECOMMENDATION**

The Village Board Approve **Resolution #20241217PW1** authorizing the Public Works Director to contract with Layne Christensen Company, Inc. to complete the Annual Preventative Maintenance Well Testing at a cost not to exceed \$11,300.00.



RESOLUTION NO. 20241217PW1

**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 professional services Preventative Well Maintenance. 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 17th day of December, 2024.

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

ATTEST: \_\_\_\_\_  
Tracey Conti, Village 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

630/897-6941  
[graniteconstruction.com](http://graniteconstruction.com)

August 16, 2024

Mr. Chris Lemke  
Village of Sugar Grove  
601 Heartland Drive  
Sugar Grove, IL 60554

Re: 2024 Annual Preventative Maintenance Well Testing

Mr. Merkel:

It is Layne's pleasure to submit this proposal to perform annual Preventative Well Maintenance testing on the Village's wells. Layne will perform the work on a time and material basis per the Schedule B rates (attached) and the PSA discount. Based upon previous tests over the last four years, we estimate the work will require 32 hours for a Serviceman with Service Truck and 16 hours for a Helper to complete the tests. Including the PSA 5% labor discount, the estimated cost is \$11,300. Of course, the testing will be followed by a thorough report evaluating the wells and pumps with a ten year maintenance template.

If you have any questions, or if we may be of any service, please do not hesitate to contact me.

Layne Christensen Company



William Balluff, P.E.  
WRD 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

### SCHEDULE B

Purchaser: VILLAGE OF SUGAR GROVE

Job Location: PREVENTATIVE WELL MAINTENANCE TESTING

#### SERVICE RATES - EFFECTIVE OCTOBER 1, 2023

	Straight Time		Overtime Doubletime	
	Per Hr.	8 Hr. Day	Per Hr.	Per Hr.
Serviceman w/hand tools	227.00	1816.00	340.50	454.00
Serviceman w/service truck and hand tools, or welder	270.00	2160.00	383.50	497.00
Helper	198.00	1584.00	297.00	396.00
Serviceman and 1 Helper	425.00	3400.00	637.50	850.00
<u>Small Rig or Winch Truck</u>				
1 Man Crew	282.00	2256.00	395.50	509.00
2 Man Crew	480.00	3840.00	692.50	905.00
3 Man Crew	678.00	5424.00	989.50	1301.00
<u>Middle Rig, Large Hoist or Flatbed Crane</u>				
1 Man Crew	295.00	2360.00	408.50	522.00
2 Man Crew	493.00	3944.00	705.50	918.00
3 Man Crew	691.00	5528.00	1002.50	1314.00
<u>Big Rig, Large Hoist and Poles, or Large Crane</u>				
1 Man Crew	337.00	2696.00	450.50	564.00
2 Man Crew	535.00	4280.00	747.50	960.00
3 Man Crew	733.00	5864.00	1044.50	1356.00
4 Man Crew	931.00	7448.00	1341.50	1752.00
Power Tong Usage, per 8 hour shift		475.00		
<u>Machine Shop/Yard Labor and Equipment</u>				
Machinist and Equipment	209.00	1672.00	304.00	399.00
12" Threading Machine and Operator	235.00	1880.00	330.00	425.00
Serviceman w/hand tools	190.00	1520.00	285.00	380.00
Helper	185.00	1480.00	277.50	370.00
Sandblast Equipment and 2 man crew	425.00	3400.00	612.50	800.00

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.....\$72.00 + Hotel

#### REMARKS:

SUBMITTED WITH ESTIMATE OF 08/16/2024

Work Authorized on Behalf of Purchaser By: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_