



United City of Yorkville

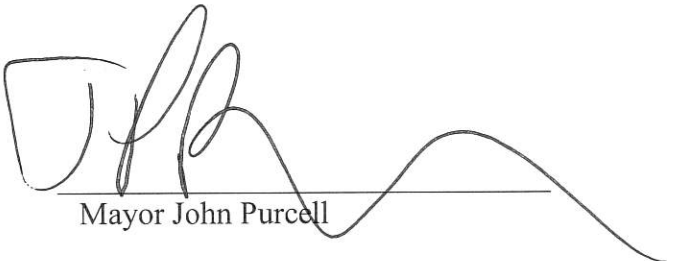
651 Prairie Pointe Drive
Yorkville, Illinois 60560
Telephone: 630-553-4350
www.yorkville.il.us

NOTICE

I, Mayor John Purcell, call a Special City Council meeting on Tuesday, March 4, 2025 at 5:30 p.m., pursuant to the Open Meetings Act (5 ILCS 120/). The agenda for this meeting shall include the following:

1. Call to Order
2. Roll Call
3. Establishment of Quorum
4. Citizen Comments
5. Business
 - a. Resolution Authorizing the Inspection of City of Yorkville Well Number 9 for an Amount Not to Exceed \$31,000
6. Adjournment

Dated this 27th day of February, 2025.



Mayor John Purcell



United City of Yorkville

651 Prairie Pointe Drive

Yorkville, Illinois 60560

Telephone: 630-553-4350

www.yorkville.il.us

AGENDA SPECIAL CITY COUNCIL MEETING

Tuesday, March 4, 2025

5:30 p.m.

City Hall Council Chambers
651 Prairie Pointe Drive, Yorkville, IL

1. Call to Order
2. Roll Call
3. Establishment of Quorum
4. Citizen Comments
5. Business
 - a. Resolution Authorizing the Inspection of City of Yorkville Well Number 9 for an Amount Not to Exceed \$31,000
6. Adjournment



Reviewed By:	
Legal	<input type="checkbox"/>
Finance	<input type="checkbox"/>
Engineer	<input type="checkbox"/>
City Administrator	<input checked="" type="checkbox"/>
Community Development	<input type="checkbox"/>
Purchasing	<input type="checkbox"/>
Police	<input type="checkbox"/>
Public Works	<input type="checkbox"/>
Parks and Recreation	<input type="checkbox"/>

Agenda Item Number

Business - A

Tracking Number

Agenda Item Summary Memo

Title: Well 9 Emergency Repair Quote

Meeting and Date: Special City Council – March 4, 2025

Synopsis: Please see the attached memo.

Council Action Previously Taken:

Date of Action: _____ Action Taken: _____

Item Number: _____

Type of Vote Required: Majority

Council Action Requested: Approval

Submitted by: Eric Dhuse Public Works
Name Department

Agenda Item Notes:



Memorandum

To: Mayor and City Council
From: Eric Dhuse, Director of Public Works
CC: Bart Olson, City Administrator
Date: February 27, 2025
Subject: Well 9 Emergency Repair Quote

Summary

A proposed 2-part quote from Layne Western to perform emergency repairs to well 9.

Background

Well 9 has been down since Saturday February 15th with an unknown issue. Wednesday February 26th was the first time we could get Com Ed, Marshall Electric, and Cutler Hammer together to troubleshoot the well. After a full morning of testing, it was found that everything above ground was working properly, and that the problem had to be below ground in the pump or motor.

We immediately called Layne Western, who was the original well driller and has made all repairs to the well since its installation, for availability to perform an emergency repair. As luck would have it, they will have a well rig free starting on Saturday March 1st and would be able to mobilize to Yorkville and start the removal procedures. We also called Layne Western since this Byron Jackson well motor has a Type H mercury seal that only Layne Western is authorized to decommission. It is true that other companies can pull the motor and pump, but they would have to take it to Layne Western for decommissioning. Staff feels that it is better to only have to deal with one contractor instead of two when performing emergency repairs.

With time being of the essence, staff asked if we could split the quote into 2 segments to allow us to start repairs this weekend and have the balance of the quote approved at a special City Council meeting on Tuesday March 4th. Layne Western has agreed, and staff has authorized the first portion of the work which is the mobilization, setup, and beginning to pull the well motor and pump. Staff would ask that this portion of the quote be reaffirmed by the City Council for the record when the second portion of the quote is contemplated. If the second portion of the quote is approved on Tuesday March 4th, Layne will continue work and have the well pump and motor removed and taken to their shop in Aurora by Friday March 7th. Attorney Orr has reviewed the quote and did not have any legal concerns.

The first part of the quote is \$24,000 and the second part is for \$31,000 for a total of \$55,000 to pull the pump and motor and take it to their shop. Any work performed after that is not part of this contract. The inspection and quotes will be paid for at an hourly rate, and they will get us a contract proposal for repair/replacement along with reinstallation. Until they get it to their shop and start the inspection process, we do not have a good time frame for reinstallation.

Although it is almost March, this repair/replacement could take months to complete and get reinstalled. With warmer weather right around the corner, we do not want to be without a well when residents start using larger quantities of water regularly.

Since this is an emergency repair, we do not have a specific line item for this type of work in the approved budget. Staff suggests that, for the moment, we use the equipment line item in the water fund to code and track this project. I will work with Finance Director Fredrickson and Administrator Olson to come up with the best solution to cover these unexpected costs.

Recommendation

Staff recommends the reaffirmation of the \$24,000 portion of the quote that staff has authorized, and the approval of the balance of the quote from Layne Western in the amount of \$31,000.

Resolution No. 2025-_____

**A RESOLUTION OF THE UNITED CITY OF YORKVILLE, ILLINOIS,
AUTHORIZING THE INSPECTION OF CITY OF YORKVILLE
WELL NUMBER 9 FOR AN AMOUNT NOT TO EXCEED \$31,000**

WHEREAS, the United City of Yorkville (the “City”) is a duly organized and validly existing non home-rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and

WHEREAS, the City’s Municipal Code provides that the City may approve contracts for construction and repair work exceeding \$25,000 that have not been competitively bid by a two-thirds affirmative vote of the City Council; and

WHEREAS, the City currently owns and operates a municipal drinking water system served by wells that extract source water from an underground aquifer; and

WHEREAS, Well Number 9 (the “Well”), located near the intersection of Bristol Ridge Road and Kennedy Road within the City’s corporate boundaries, has experienced a critical failure and is currently not operating; and

WHEREAS, the Well is required to extract water from the City’s aquifers, and therefore the operation of the Well is critical to the safety and welfare of the City’s residents; and

WHEREAS, determining the reason for the Well’s critical failure will require the removal and inspection of the Well’s motor, pump and cables (the “Components”); and

WHEREAS, Layne Christensen Company (“Layne”) has provided a quote in the amount of \$31,000 (the “Quote”) to inspect the Well’s Components and provide a diagnosis and repair estimate; and

WHEREAS, the inspection and repair of municipal wells is a highly specialized field and Layne is the only local company that is factory authorized to complete this inspection and repair; and

WHEREAS, the Mayor and City Council have determined that it is in the best interests of the health and safety of the City and its residents to waive the competitive bidding requirement and to authorize and approve the inspection of Well Number 9 by Layne, in accordance with the provisions of the Quote.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the United City of Yorkville, Kendall County, Illinois:

Section 1. The foregoing recitals are hereby incorporated in this Resolution as the findings of the Corporate Authorities.

Section 2. The Corporate Authorities hereby waive the competitive bidding requirements in accordance with the City's Municipal Code and pursuant to the foregoing recitals, and the City Administrator is authorized and directed to proceed with engaging Layne Christensen Company to provide the inspection, as described in the Quote, in an amount not to exceed \$31,000.

Section 3. This Resolution shall be in full force and effect upon its passage and approval as provided by law.

Passed by the City Council of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2025.

CITY CLERK

KEN KOCH	_____	DAN TRANSIER	_____
ARDEN JOE PLOCHER	_____	CRAIG SOLING	_____
CHRIS FUNKHOUSER	_____	MATT MAREK	_____
SEAVAR TARULIS	_____	RUSTY CORNEILS	_____

APPROVED by me, as Mayor of the United City of Yorkville, Kendall County, Illinois this ____ day of _____, A.D. 2025.

MAYOR

Attest:

CITY CLERK



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

630/897-6941
graniteconstruction.com

February 27, 2025

Mr. Eric Dhuse
City of Yorkville
610 Tower Ln
Yorkville, IL 60560

Re: Well #9 Emergency Mobilization

Mr. Dhuse:

Per your request, and to facilitate efficient mobilization for the emergency removal of the City of Yorkville's (the "City") Well #9 400 HP Byron Jackson 17", 2300V, Type H motor and Byron Jackson 14 stage 13MQ/12MQH5L9 back to operations as soon as possible, the following emergency quote is authorized to procure Layne's services and expertise with the understanding that the City desires to proceed with "Option #2" from the "Well #9 Emergency Pull" proposal dated February 26, 2025, and which will be discussed at the City's Economic Development Board Meeting on Tuesday, March 4, 2025:

1. Emergency Mobilization and Begin Work \$ 24,000

Remaining Quote balance of "Option #2" from the "Well #9 Emergency Pull" proposal dated February 26, 2025, for discussion at the City's Economic Development Board Meeting on Tuesday, March 4, 2025:

*(Option 2) Work through Weekend (March 1 & March 2) and M-F – 8 Hour Workdays
Expected inspection beginning by Friday, March 7, 2025 \$ 31,000**

**The above quote is for pulling and hauling components to Layne's yard and does not include reinstallation, component inspections, quotes for new components, or quotes for rehab/rebuild.*

Layne performs all work on a time and material basis per the attached Work Order form. Time and a half is charged all day Saturdays and for anytime after 8 hours in a given day. Double time is charged on Sundays and Holidays. Therefore, the above stated quote can be adjusted for per the hours and days for the most efficient job possible, per the City's discretion.

Please note that the 400 HP Byron Jackson Type H mercury motor seal should be balanced, and the motor dewatered in accordance with Layne's exclusive procedure. This will allow the motor to be conditioned properly for shipping with the mercury seal secured and to minimize the potential for water to enter the motor windings, which would result in damage to the motor.

Only Layne can provide a Byron Jackson factory authorized serviceman to complete this procedure properly. As a result of the July 1, 2012 IEPA guidelines, we no longer conduct the seal servicing or motor dewatering over the well. Our work will include complete adherence to all

IEPA regulations, including a certificate of proper decommissioning of the Type H motor given it is non-repairable.

If you have any questions or comments, please do not hesitate to contact me.

Layne Christensen Company

A handwritten signature in black ink, appearing to read 'J. Balluff', with a long horizontal stroke extending to the right.

Jesse Balluff
WRD Project Manager

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

WORK ORDER

Purchaser: City of Yorkville, IL

Job Location: Well #9

SERVICE RATES - EFFECTIVE OCTOBER 1, 2024

	Straight Time		Overtime	Doubletime
	Per Hr.	8 Hr. Day	Per Hr.	Per Hr.
Serviceman w/hand tools	238.00	1904.00	357.00	476.00
Serviceman w/service truck and hand tools, or welder	281.00	2248.00	400.00	519.00
Helper	203.00	1624.00	304.50	406.00
Serviceman and 1 Helper	441.00	3528.00	661.50	882.00
<u>Small Rig or Winch Truck</u>				
1 Man Crew	293.00	2344.00	412.00	531.00
2 Man Crew	496.00	3968.00	716.50	937.00
3 Man Crew	699.00	5592.00	1021.00	1343.00
<u>Middle Rig, Large Hoist or Flatbed Crane</u>				
1 Man Crew	306.00	2448.00	425.00	544.00
2 Man Crew	509.00	4072.00	729.50	950.00
3 Man Crew	712.00	5696.00	1034.00	1356.00
<u>Big Rig, Large Hoist and Poles, or Large Crane</u>				
1 Man Crew	348.00	2784.00	467.00	586.00
2 Man Crew	551.00	4408.00	771.50	992.00
3 Man Crew	754.00	6032.00	1076.00	1398.00
4 Man Crew	957.00	7656.00	1380.50	1804.00
Power Tong Usage, per 8 hour shift		475.00		
<u>Machine Shop/Yard Labor and Equipment</u>				
Machinist and Equipment	214.00	1712.00	311.50	409.00
12" Threading Machine and Operator	240.00	1920.00	337.50	435.00
Serviceman w/hand tools	195.00	1560.00	292.50	390.00
Helper	190.00	1520.00	285.00	380.00
Sandblast Equipment and 2 man crew	435.00	3480.00	627.50	820.00

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.....\$74.00 + Hotel

REMARKS:

SUBMITTED WITH PROPOSAL DATED FEBRUARY 27, 2025

Work Authorized on Behalf of Purchaser By: _____

Date: _____

Title: _____