



MEMO TO: Mayor Vandernail and the Board of Trustees  
FROM: Adam Cwiklin, Water and Wastewater Superintendent and  
Russell Pennington, P.E., Public Works Director  
DATE: April 6, 2022  
SUBJECT: Staff Report PW: Water System flowmeter upgrades

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**SUBJECT: CONSENT AGENDA**

Consideration of A Resolution Authorizing Town staff to award a contract Colorado Water Well for well cleaning, testing and equipment replacement for wells located within the Fraser Well in the Amount of \$69,884.00 and a Contingency amount of \$13,977.00 for a total of \$83,861.00

**DEPARTMENT:** Public Works

**PRESENTER:** Russell Pennington, Public Works Director  
Adam Cwiklin, Water and Wastewater Superintendent

**FISCAL INFORMATION:**

Cost as Recommended:	\$ 83,861
Balance Available:	\$ 145,000
Fund:	Water
Budget Line-Item Number:	50-40-460
New Appropriation Required:	No

**REQUESTED ACTION:**

Approve the Resolution to award said contract, authorize the appropriate Town officer to execute said contract, and authorize Staff to expend contracted funds and contingency funds.

**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**

Fraser is growing, and Staff anticipates that the Town will need to further develop its water rights to meet demands in the future. Prior to adding additional wells or well fields, it is recommended that the Town assesses and optimize production from its current wells and then maintain the wells at optimal levels moving forward.

To this end, the Town of Fraser began a routine testing and maintenance program for its wells in 2020. In its first two years, the Town cleaned five wells, located in the Fraser Well Field, and tested equipment for efficiency. Downhole equipment has been replaced in 3 wells to date

Activities for 2022 include cleaning and equipment testing for the two remaining wells within the Fraser Well Field and to complete the downhole repairs for all five wells that were cleaned and tested in 2021. Quotes for all activities are attached.

Moving forward, Staff anticipates this to be an annual funding request in order to perform and/or contact for well testing and maintenance activities on an annual basis.

### PROJECT SUMMARY BUDGET

Clean and Testing		
Fraser Well 5 and 8	\$ 35,280.00	
Downhole Equipment Replacement		
Fraser Well 5r	\$ 9,800.00	
Fraser Well 8	\$ 6,350.00	
		\$ 51,970.00
Mobilization, install, and testing	\$4,580.00	
Fraser Well 1 (cleaned and Tested 2021)	\$9,884.00	
Fraser Well 3b (cleaned and Tested 2021)	\$3,450.00	
		\$ 17,914.00
<b>Sub-Total</b>		<b>\$69,884.00</b>
Contingency (20%)		\$13,977.00
<b>Total</b>		<b>\$83,861.00</b>

The quotes for the project total \$69,884.00. The project funding includes contingency amounts amount of \$13,977.00 which can be used towards unforeseen changes during installation and programming. The Total project costs, including contingency, are not to exceed \$83,861.00 See attached quotes for details.

### PROJECT SCHEDULE

Notice of Award	Thursday, April 7, 2022
Maintenance completion	Friday, October 29, 2022

### ATTACHMENTS:

- a. Resolution
- b. Well Quote, Fr Wells 5r and 8 (clean, testing, and downhole repairs)
- c. Well Quote, Fr Wells 1 and 3b (downhole repairs)

### STAFF RECOMMENDATION:

Motion to approve **Resolution No. 2022-04-03** authorizing the Town Manager to contract Colorado Water Well for well cleaning, rehabilitation, and equipping Fraser

wells using the System Repair and Maintenance - Production Account (50-40-460) of the 2022 Water Fund in an amount not to exceed **\$\$83,861.00**.