

COMMON COUNCIL REPORT

M&C No.	2025-015
Report Date	December 16, 2024
Meeting Date	January 13, 2025
Service Area	Utilities and Infrastructure Services

Her Worship Mayor Donna Noade Reardon and Members of Common Council

SUBJECT: South Bay Well Field Emergency Pump Purchase

AUTHORIZATION

Primary Authors	Commissioner/Dept. Head	Chief Administrative Officer
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RECOMMENDATION

It is recommended that:

- Common Council approve the allocation of capital reserve funding of \$256,400.99 USD including tax to the 2024 Utility Fund Capital Budget for the purchase of one new Peerless Submersible Well Pump/Motor for the South Bay Wellfield; and
- Quotation # 11053 from Flowstar in the amount of \$256,400.99 USD including tax be accepted and that Supply Chain Management be authorized to proceed with the purchase accordingly.

EXECUTIVE SUMMARY

The purpose of this report is to recommend that Council approve the emergency purchase of one 12HXB-8 STAGE-200HP Peerless Submersible Well Pump/Motor from Flowstar for the South Bay Wellfield.

PREVIOUS RESOLUTIONS

N/A

REPORT

Saint John Water utilizes the South Bay Wellfield to supply approximately 3.3 ML per day of drinking water to potable water customers in West Saint John including

citizens and businesses in the Spruce Lake Industrial Park, Fairville Boulevard and Manawagonish Road.

The South Bay Wellfield utilizes three production wells to pump water from the aquifer and send the raw water to the Spruce lake Water pumping station for treatment and distribution to Customers. Under normal operating conditions two of the three well pumps pump in parallel to supply water to customers while the third is on standby. SJ Water also usually has a 4th spare pump on the shelf in case of emergencies.

Earlier this year (late Summer/Fall) after a failure of Well pump 1 SJ Water installed the spare pump in Well 1 and the Pump/Motor that failed was delivered to a contractor for analysis and repair.

Well pump 3 recently failed and a contractor removed it from well 3 in the third week of December. The pump has been sent for analysis and repair.

Saint John Water proceeded with an emergency purchase, in alignment with the emergency provisions of the City's procurement policies, of a new well pump/motor for well 3 to ensure the utility continues to deliver safe clean drinking water to customers with no interruptions.

The purchase of a new pump has a long delivery time (3.5-4 months) and it is critical that the purchase was secured quickly given the approaching holiday period.

STRATEGIC ALIGNMENT

Replacing the existing South Bay Well field pump aligns with Council's priorities for **PERFORM** as the purchase of this pump will allow the City to continue to meet the conditions in the Approval to Operate issued by the New Brunswick Department of Environment and Local Government and provide sustainable municipal infrastructure.

SERVICE AND FINANCIAL OUTCOMES

The proposed cost for Flowstar to supply and deliver one Peerless Submersible Well Pump/Motor at the South Bay Wellfield is \$256,400.99 USD including HST.

INPUT FROM OTHER SERVICE AREAS AND STAKEHOLDERS

This acquisition is being made in accordance with the City of Saint John's Strategic Procurement Policy, item 2.5, "Emergency Purchases", and Supply Chain Management supports the recommendations being put forth.

ATTACHMENTS: Sales quotation from Flowstar