

IMPACT STATEMENT

Legislation title: Authorize bid solicitation and contracting with the lowest responsive and responsible bidder for the procurement of National Sanitation Foundation 60 certified sodium carbonate for drinking water treatment at an estimated cost of \$8,500,000 (Ordinance)

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Purpose of proposed legislation and background information:

The purpose of this legislation is to authorize a competitive solicitation for NSF Standard 60 certified sodium carbonate (soda ash) that will be used in drinking water treatment for the Portland Water Bureau. PCC 5.33.200 requires a Formal Competitive Sealed Bid process be used. In addition, the filing of a City Council Ordinance is required prior to Procurement Services conducting the solicitation for bid.

The Improved Corrosion Control Treatment Project (Project) will further adjust the chemistry of Portland's water to reduce potential levels of lead at the tap by making the water less corrosive to sources of lead found in some home and building plumbing. The corrosion control treatment will use two naturally occurring substances; sodium carbonate and carbon dioxide, to increase the pH and alkalinity of the water.

The Project is required to comply with the Federal Lead and Copper Rule and must be online by April 2022 in accordance with an existing compliance agreement with the Oregon Health Authority (OHA). The new facilities are being constructed at the Portland Water Bureau's Lusted Hill facility. This council action is to allow the Portland Water Bureau to procure sodium carbonate, for a period of five years.

Any product added to public water systems for drinking water treatment must meet the requirements for NSF/ANSI Standard 60 Drinking Water Treatment Chemicals – Health Effects. This is in compliance with Oregon Administrative Rule 333.061.0087(6), which addresses the requirements for products added to public water systems for drinking water treatment.

Sodium carbonate is not currently used for corrosion control by the Portland Water Bureau, so there has been no previous council action related specifically to sodium carbonate purchase; however, the improved corrosion control project was approved by the Council.

The proposed legislation does not change any specific City policies.

Financial and budgetary impacts:

The estimated value of the contract will be \$8,500,000 and is intended to last five years. The Portland Water Bureau anticipates spending up to \$1,700,000 per year on sodium carbonate.

The proposed legislation will not create, eliminate, or re-classify any positions now or in the future. No revenue will be impacted by this legislation.

Community impacts and community involvement:

Safe drinking water now, and for generations to come.

The Portland Water Bureau’s mission is to serve excellent water every minute of every day to nearly a quarter of all Oregonians. Our vision is to ensure the water is safe and abundant for generations to come by centering equity, affordability, and environmental stewardship in our work. The Portland Water Bureau is committed to public health, community service, and planning for a resilient water future.

The Portland Water Bureau’s water system supplies drinking water from the Bull Run Watershed and the Columbia South Shore Well Field to nearly one million people over 225 square miles. About 650,000 of our water users are in Portland while about 350,000 water users receive our water from one of 19 other water providers in the area including neighboring cities, water districts, and private water companies.

Public health protection is part of our responsibility to all customers and reducing lead exposure at customers’ taps can improve health outcomes for everyone in the community.

100% Renewable Goal:

This legislation does not increase or decrease the City’s total energy use and does not increase or decrease the City’s renewable energy use.

Budgetary Impact Worksheet

Does this action change appropriations?

- YES:** Please complete the information below.
- NO:** Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount