



Bull Run
TREATMENT
PROJECTS

*Our water: Safe and abundant
for generations to come*

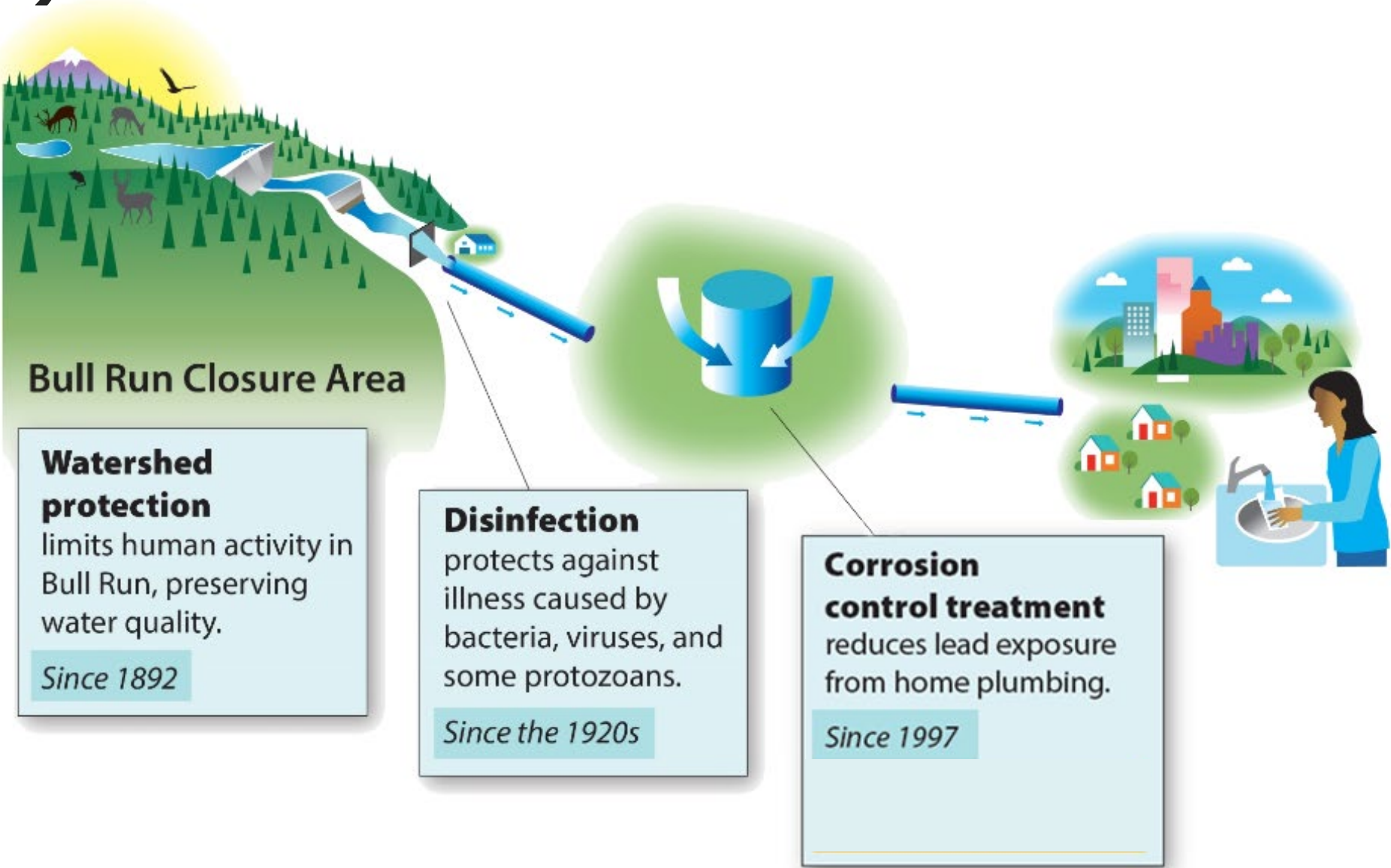
PORTLAND WATER BUREAU

Improved Corrosion Control Program

**Request for Authorization to
Procure Sodium Carbonate for
Corrosion Control Treatment**



Improved Corrosion Control Treatment Project (ICCT)



Drivers behind ICCT

- Meet federal drinking water regulations and compliance order with Oregon Health Authority
- Protect public health for everyone
- Reduce potential levels of lead at the tap by adjusting chemistry of the water



Soda ash silos recently installed at the Lusted Hill facility.

Improved treatment will rely on naturally occurring substances to treat our water

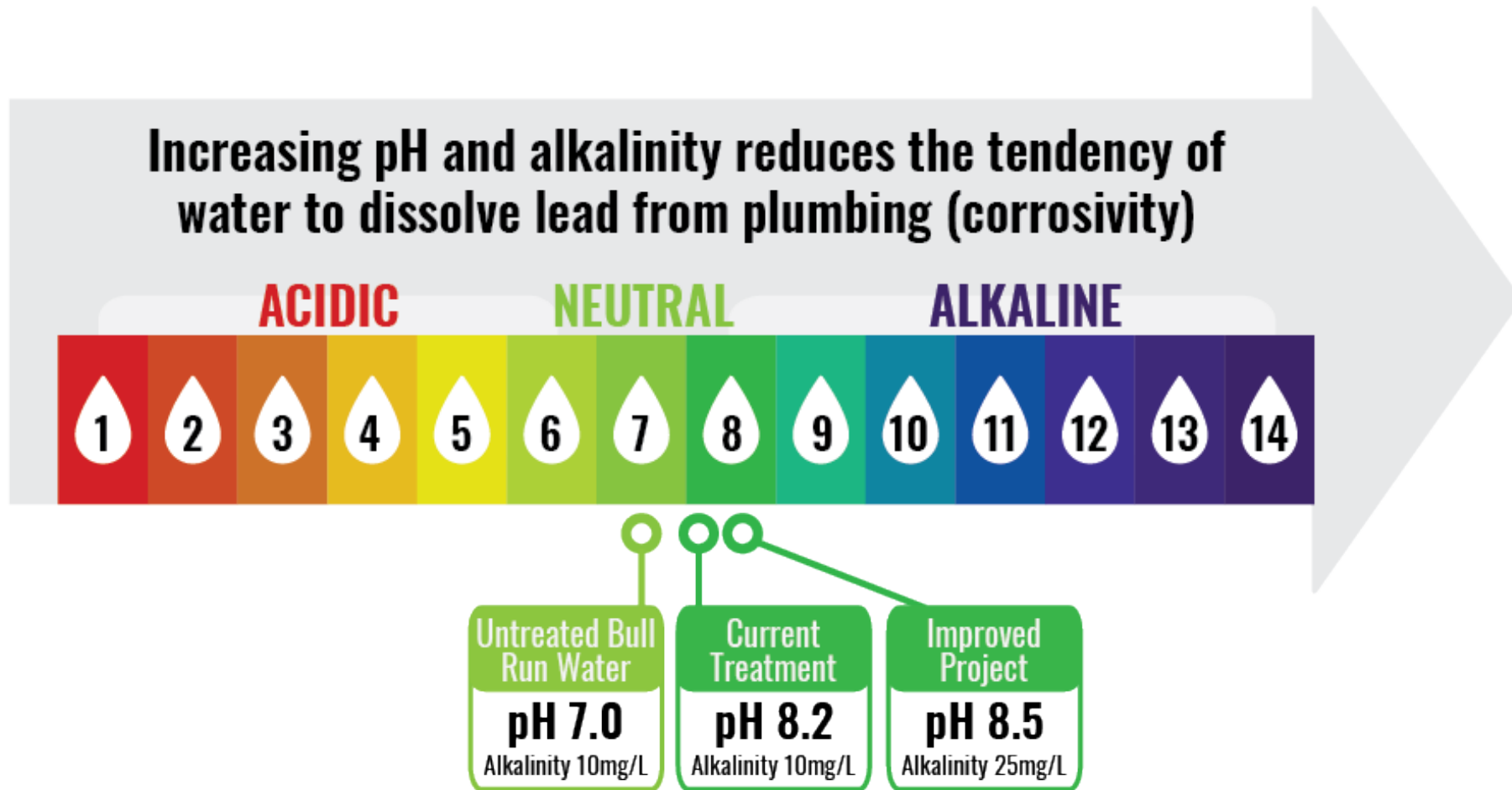


Soda Ash



Carbon dioxide

Improved treatment adjusts the chemistry of our water to further reduce levels of lead at the tap



* Alkalinity is measured as an equivalent calcium carbonate concentration

Project status

- On track to achieve compliance deadline in April 2022
- Wrapping up construction and preparing for start up and commissioning
- This contract is a critical last step necessary to bring the facility on by the deadline

Improved Corrosion Control Treatment Schedule



*Oregon Health Authority (OHA)

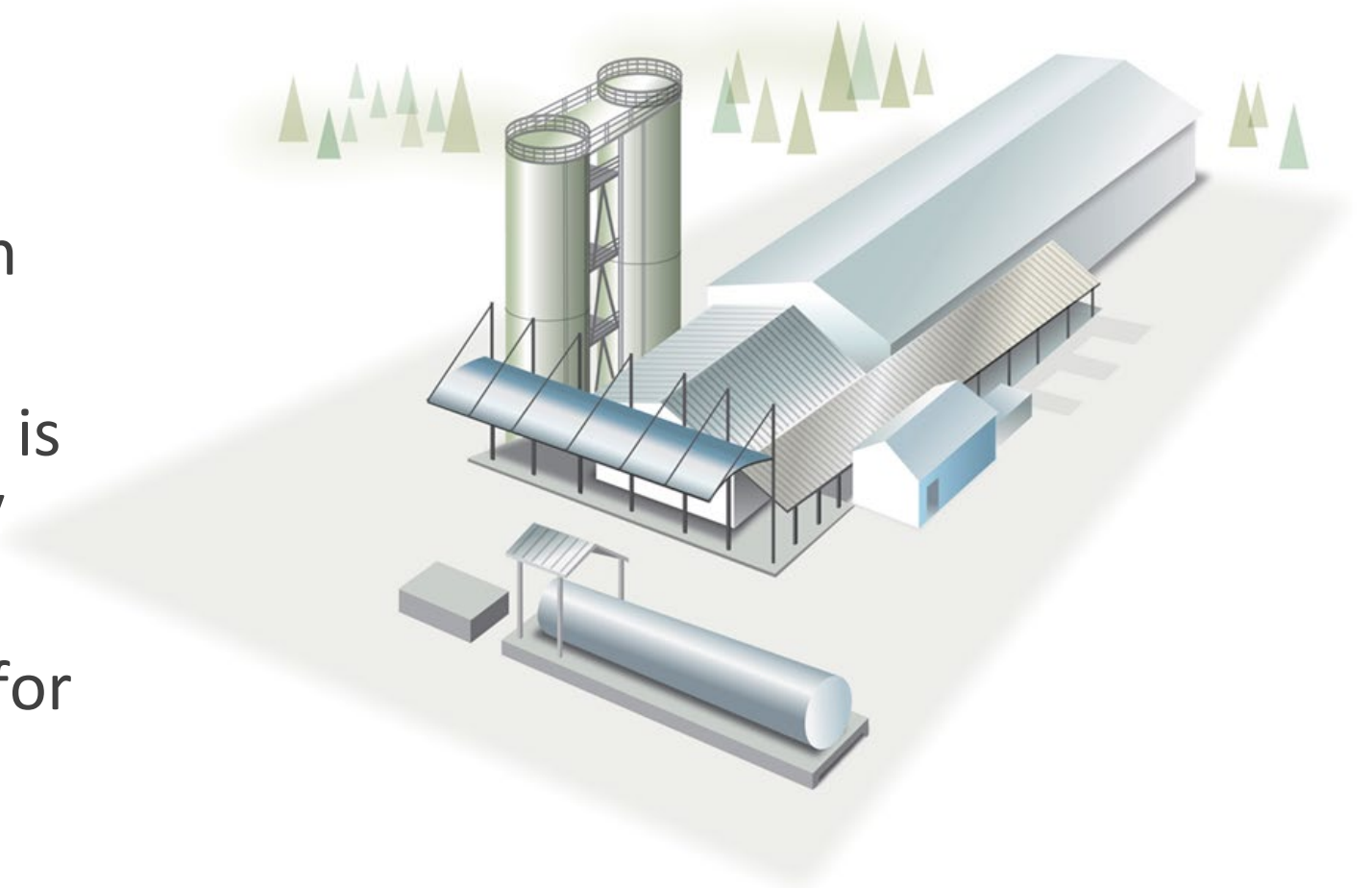
Goods and Services (G&S) contract

Factors considered and why low-bid model was chosen:

- A limited number of vendors in the region can supply the needed quality and quantity of soda ash. None are COBID certified.
- These vendors purchase the sodium carbonate from one of three manufacturers in Wyoming. None are COBID certified.
- There do not appear to be any other parts of the G&S scope that could be subcontracted out.
- Low-bid option offers highest competition among the vendors and best value to the City, which could be significant ongoing cost savings, helping to keep operating costs down.

Request to Council

- The Water Bureau is seeking approval from Council to authorize the solicitation and award of a contract for sodium carbonate.
- The projected financial impact is approximately \$1.7M annually for sodium carbonate.
- This action requests approval for a 5-year contract with an estimated total cost of \$8.5M.



Visualization of new treatment facilities at Lusted Hill



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Thank you!