



# Post Point Resource Recovery

Turning our waste into valuable resources

Project update - Jan. 2019

## Why is the project needed?

The Post Point Resource Recovery project is proactively addressing the current wastewater solids treatment system that incinerates, rather than recovers, this reusable resource. **To address these needs, a significant biosolids upgrade is required – there isn't a "do nothing" option.**

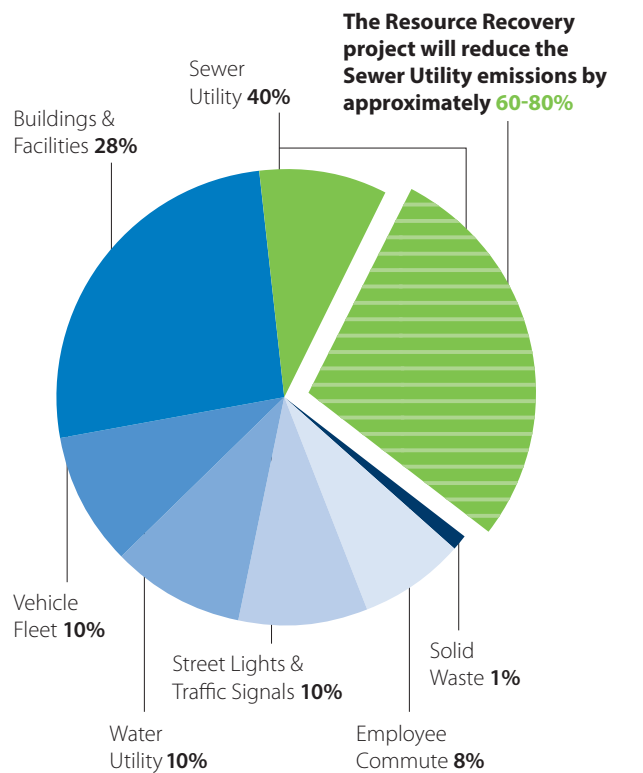
The current incineration process is:

- At end of useful life
- Expensive to repair

- Poses a reliability and redundancy risk
- Incinerates, rather than recovers, resources

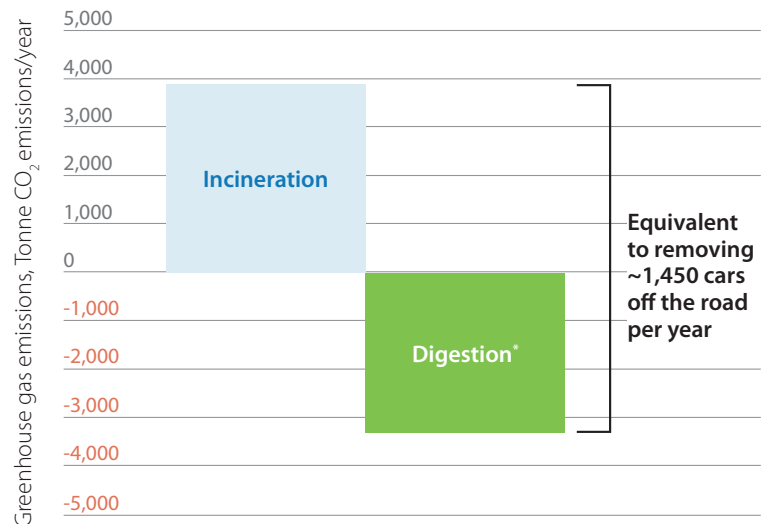
## How the goals of the Climate Action Plan are met by this project

The single largest opportunity for City CO<sub>2</sub> emission reduction is within the **Sewer Utility, which represents up to 40% of all CO<sub>2</sub> emission reduction opportunities** that the City has identified.



City of Bellingham CO<sub>2</sub>e emissions by category

Digestion-based biosolids solution supports Climate Action Plan goals by **reducing greenhouse gas emissions**



\* Digestion based on two-phased anaerobic digestion and pipeline injection

## What will upgrades cost the City and ratepayers?

The project cost estimate is \$196 million (year 2023 dollars). A rate study has not been conducted yet; if the entirety of the upgrade is paid for via City revenue, the average rate impact is estimated to be in range of \$24-\$30/ERU/month (exact rate schedule to be developed in a later phase of the project).

## Next steps

The next steps of this project will be confirmed by council actions and budget allocations. City elected decision-making and transparency will be key for a project of this magnitude. The following timeline is anticipated for the project:



## Contact

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[www.cob.org/services/utilities/pages/waste-water-treatment.aspx](http://www.cob.org/services/utilities/pages/waste-water-treatment.aspx)