



King County

Dow Constantine

King County Executive

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June 1, 2021

The Honorable Claudia Balducci
Chair, King County Council
Room 1200
C O U R T H O U S E

Dear Councilmember Balducci:

Pursuant to Metropolitan King County Council Ordinance 19161, which created the Sewer Heat Recovery Pilot Project, please find enclosed the required Sewer Heat Recovery Pilot Project annual report. This first annual report of the Sewer Heat Recovery Pilot Project details significant milestones achieved during the first nine months of the pilot project.

Ordinance 19161 authorized designation of up to three private sewer heat transfer projects that demonstrate readiness to move forward to construction by meeting a key milestone in the overall design of the construction project. The Department of Natural Resources and Parks (DNRP) received three project applications, with one applicant withdrawing after determining that sewer heat recovery was not a good fit for their project. Two projects were selected as pilots and the third slot remains open. Applications for the final slot will be considered on a first-come, first-served basis.

Ordinance 19161 called for reporting on four specific aspects of the Sewer Heat Recovery Pilot Project: level of interest from potential users, user cost, user carbon footprint, and cost-benefit analysis for each pilot project. This report contains data for work done to date after passage of the Ordinance in September 2020 and includes the level of interest shown by potential users. Subsequent annual reports will include all elements as required by the Ordinance as pilot projects are constructed and operational.

The Sewer Heat Recovery Pilot Project furthers the King County Strategic Plan healthy environment goal to reduce countywide greenhouse gas emissions by 50 percent by 2030 by making a new, renewable, carbon-free energy source available to the community to replace fossil fuel energy sources. The projects outlined in this report support the Strategic Climate Action Plan goal of reducing countywide sources of greenhouse gas emissions by supporting the development of renewable energy resources.

The Honorable Claudia Balducci

June 1, 2020

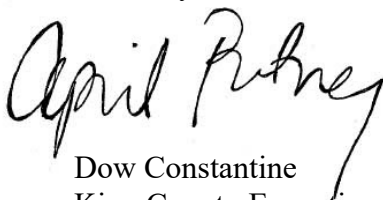
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This report required approximately 30 hours to produce, costing approximately \$3,000 in staff time. The estimated printing cost for this report is nominal.

Thank you for your consideration of this report. The important work discussed in this report lays the foundation for a strong Sewer Heat Recovery Pilot Project, which will allow the community to reduce its carbon emissions by accessing a previously unused, renewable, carbon-free energy source to heat and cool privately-owned buildings.

If your staff have any questions, please contact Kamuron Gurol, Division Director of the Wastewater Treatment Division of the Department of Natural Resources and Parks, at 206-263-5767.

Sincerely,



for

Dow Constantine
King County Executive

Enclosure

cc: King County Councilmembers

ATTN: Carolyn Busch, Chief of Staff

Melani Pedroza, Clerk of the Council

Shannon Braddock, Deputy Chief of Staff, Office of the Executive

Karan Gill, Director, Council Relations, Office of the Executive

Dwight Dively, Director, Office of Performance, Strategy and Budget

Christie True, Director, Department of Natural Resources and Parks (DNRP)

Kamuron Gurol, Division Director, Wastewater Treatment Division, DNRP