



## SEATTLE STEAM RELEASES BIOMASS BOILER EMISSIONS COMPLIANCE TEST RESULTS

New report confirms significantly lower emissions from the company's biomass boiler

(SEATTLE) Dec. 23, 2011 — An independent third party certified report about Seattle Steam's emissions finds that the company's state-of-the-art control systems for its biomass boiler are extremely effective. Not only does the boiler, fueled by clean urban waste wood, reduce the utility's carbon footprint (and that of the nearly 200 buildings on its system), it also burns cleaner than required by the Puget Sound Clean Air Agency (PSCAA).

The report shows that [Seattle Steam](#) is in full compliance with its permitted emissions and in fact, the plant is operating well within its permitted emissions. Of particular significance are the very low emission rates of condensable particulates, sometimes referred to as "nano-particulates" — confirming the special scrubbers installed by Seattle Steam are performing very well.

The testing results were not unexpected by Seattle Steam CEO Stan Gent. "From the beginning, we were determined to reduce our carbon footprint by 50 percent with our biomass boiler and to do so with as little impact on the air we all breathe as possible. These latest test results show the extra investment in design and equipment has been a huge success."

The objective of the testing program was to demonstrate compliance with emission limits detailed in the PSCAA operating permit. A third party certified tester, the [Avogadro Group](#), spent two days last month testing Seattle Steam's wood waste boiler emissions. The report has been delivered to the PSCAA which was also involved in overseeing the testing process.

Avogadro Group is an Oregon based independent contractor that has been approved to conduct emission source testing. The company is a full service source testing and combustion engineering consulting firm with extensive experience in air quality management and pollution control.

Download the full report on the [Seattle Steam website](#).

### **About Seattle Steam:**

Founded in 1893, Seattle Steam Company is a privately-owned district heating utility that provides heat to nearly 200 buildings in Seattle's central business district and First Hill neighborhoods. The company has two plants and five boilers in downtown Seattle with 28 employees. The thermal energy is currently produced by a mix of biomass (clean urban waste wood) and natural gas. For more on Seattle Steam, please visit [www.seattlesteam.com](http://www.seattlesteam.com).

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