



City of Stevenson

Public Works Department

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Stevenson, Washington 98648

TO: David Knight, WA State Dept. of Ecology

FROM: Eric Hansen, Public Works Director

DATE: 1/10/2018

SUBJECT: Quarterly Progress Report for October, November, December 2017

Mr. Knight,

Per Ecology's Administrative Order dated June 30, 2017, the Order to Comply includes Item 6: Submit to Ecology quarterly progress reports regarding the implementation of this Order.

This is the Progress Report for the Implementation Period of October 1 – December 31, 2017. Work performed during this implementation period on Tasks shown in the Compliance Schedule included the following:

Task 1 – Limit new industrial connections: This is ongoing work by the City. A moratorium was adopted at the November 16th council meeting. A Public Hearing was held adopting the findings of fact for the moratorium on December 21st. It will be reviewed every six months.

Task 2 – Promote Source Control:

- a. On February 22nd City Staff visited Skamania Lodge to discuss food waste disposal methods. A sampling point was installed on their Enviropure waste disposal system, along with a meter to measure influent water added to the process. System was sampled in May 2017. **TASK COMPLETED**
- b. Major commercial kitchens were visited in March to discuss food waste disposal. A second round of visitations are currently being conducted as part of the grease trap inspection program. This program will continue with regular inspections throughout the year. **TASK ONGOING**
- c. On February 22nd a meeting was held with beverage producers to discuss best practices to control BOD. A technical memo titled "Brewery Wastewater Guidance Document" was made available to the beverage producers. A BOD committee has been created and will hold meetings to share information and discuss ways to make progress on the issue. **TASK ONGOING**

- d. Flyers for our “Grease Trap and Food Disposal Program” were mailed to all sewer users in March. The city is also looking at starting a composting program for food scraps to reduce the amount of food that goes down the drain through garbage disposals. **TASK ONGOING**

Task 3 – Explore Funding Opportunities: The City submitted a grant application to the Department of Ecology Water Quality Combined Funding Program on October 16, 2017 to assist with the design phase of the proposed improvement to the Stevenson Waste Water Treatment Plant. The City is continuing to explore funding opportunities and held a Tech Team meeting with multiple agencies during the recent IACC conference. **TASK ONGOING**

Task 4 – Require Industrial Pretreatment.

- a. The draft Pretreatment Research Summary technical memorandum was issued by Tetra Tech on August 3, 2017. **TASK COMPLETED**
- b. The Stevenson City Council meeting of August 24th included a public hearing on the Draft General Sewer Plan and Wastewater Facilities Plan. In addition to previous notification to industrial dischargers that individual loading allocations would be limited, this public hearing included specific cost information and draft information on a proposed high strength surcharge. **TASK COMPLETED**
- c. Industrial dischargers have been made aware of upcoming pretreatment requirements and additional wastewater charges for high strength dischargers. The City of Stevenson has contacted several different engineering companies and pretreatment suppliers and put them in touch with industrial dischargers. **TASK COMPLETED**
- d. The DRAFT Pretreatment Ordinance was submitted to Department of Ecology on January 8, 2018 for review. **TASK COMPLETED**

Task 5 – Modify WWTP Operations:

- a. Tetra Tech had preliminary discussions with Ecology staff regarding acceptable interim influent loadings at the WWTP to maintain effluent limit compliance. **TASK COMPLETED**
- b. The City’s contractor, CH2M, has been hauling additional sludge to keep up with additional solids. Once their capacity was reached, the City contracted with Tribeca transport to haul an additional 40,000 gallons of sludge to the City of Vancouver’s WWTP. The City is continuing to haul an additional 20,000 gallons of sludge per month to Vancouver. **TASK ONGOING**
- c. CH2M operators have increased the wasting rate from the oxidation ditch to reduce sludge age. They are continuing this practice. **TASK ONGOING**
- d. CH2M staff are compiling information for a proposal to be reviewed by Department of Ecology before implementation for the chlorine injection and polymer addition system. **TASK ONGOING**

- e. Trial WWTP operations have been analyzed and are currently continuing with additional sludge hauling, and additional wasting. We are continuing to perform ammonia sampling as per DOE request, still seeing ND results. **TASK ONGOING**

Task 6 – Update Wastewater Rates:

- a. Review of high strength wastewater rate structures in comparable cities was performed and outlined in the Pretreatment Research Summary Memo dated August 3, 2017 **TASK COMPLETED**
- b. Work by Tetra Tech and Katy Isaksen Associates was performed for the City to recommend rate changes. The City had the first public hearing on rates during the City Council meeting on August 24, 2017 with a second public hearing held on October 19, 2017. **TASK COMPLETED**
- c. Proposed wastewater rates were reviewed by City Council and public input was taken at the October 19th City Council meeting. **TASK COMPLETED**
- d. New wastewater rates were adopted at the November 16, 2017 City Council meeting and will take effect on January 1, 2018. **TASK COMPLETED**

Task 7 – Complete General Sewer Plan Update: The City of Stevenson General Sewer Plan and Facilities Plan was approved by the Department of Ecology on December 18, 2017. The Public Hearing to receive comments from the public regarding the environmental impact from the Plan update will take place on January 18th, 2018. **TASK COMPLETED**

Task 8 – Design WWTP Improvements

- a. The City submitted a grant application to the Department of Ecology Water Quality Combined Funding Program on October 16, 2017 to assist with the design phase of the proposed improvement to the Stevenson Waste Water Treatment Plant. One of the requirements was to have an approved Wastewater Facilities Plan by the deadline of December 21, 2017. We met that that deadline with an approval date of December 18, 2017. **TASK COMPLETED**

Please contact me with any questions.

Thank you,

Eric Hansen

Public Works Director