
2013 ANNUAL INFLOW & INFILTRATION ACTIVITIES REPORT

CITY OF ELGIN, OR



April 2014

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PART 1: GENERAL INFORMATION

The City of Elgin owns and operates their sanitary collection system and treatment facilities under NPDES Permit No. 101606. The purpose of this I & I Collection System Activities Report is to comply with Section B, Part 3 of the Permit that states the following:

a. The permittee shall have in a place a program to identify and reduce inflow and infiltration into the sewage collection system. An annual report shall be submitted to the Department by April 2nd each year which details sewer collection maintenance activities that reduce inflow and infiltration. The report shall state those activities that have been done in the previous year and those activities planned for the following year.

Information contained within this Report was collected by the City of Elgin and summarized by Dan Larman, Public Works Director. This Report has been organized in a similar order and format as past years.

PART 2: LATERAL & MAIN LINE REPAIR

During 2013 there were no significant repairs in the City's mainlines or laterals.

PART 3: COLLECTION, TREATMENT, & STORAGE SYSTEM

The City of Elgin did complete a wastewater treatment plant upgrade project in 2011. It included hydraulic transfer structures between lagoon cells 1, 2 and 3. It also included surface 5 aerators in cells 1 and 2.

The City of Elgin purchased and installed new flow paced Chlorine and Sulphur dioxide injectors and controllers.

PART 4: MANHOLE CLEANING AND JETTING OF MAIN LINES

The public works crew jetted the following lines and manhole during 2013 for a total of 9000 feet:

- MH 107
- MH 106

- MH105
- MH104
- MH103
- MH102
- MH101
- MH100
- MH121
- MH120
- MH119
- MH118
- MH117
- MH116
- MH115
- MH136
- Inverted siphon river crossing
- MH62
- MH81
- MH85A
- Inf flow meter partial flume
- MH85
- MH83

PART 5: GOALS FOR 2014

Our inflow and infiltration reduction goals include:

- Planning and budgeting to smoke test some key areas throughout the town to identify illegal sewer connections.
- Continue to jet and clean mainlines and manholes.
- Work on funding and budget options to replace at least 1000 feet of mainline.
- Make repairs to manholes and mainlines as our budget can support.

SUMMARY

I feel the City of Elgin has made consistent progress towards identifying and budgeting for upgrades and improvements in our wastewater system. We still have many issues in our collection system that need addressed, and I am confident that the public works department will address those issues accordingly. The public works department will continue to clean and jet the system this year and identify the biggest problem areas.

Thanks for all your help and support during 2013.