February 05, 2021


Oregon DEQ

DEQ Western Region

Attention: Steve McMillan

165 East 7th Avenue, Suite 100

Eugene, OR 97401


RE:     City of Independence 2020 Infiltration and Inflow Reduction Reporting

        NPDES Permit #101217- Schedule B; 3a Reporting Submittals

City of Independence Infiltration and Inflow reduction report from February 2020 to February 2021.  In this report we will outline our approach to help reduce the I and I in the collection system.

The city budgets money every year for video inspections, cleaning and pipe repairs.  They also budget money for sanitary manhole repairs.  In 2020 we spent $15,190 on manhole repairs and had 6 manholes done.  Some of the manholes we had repaired were leaking very bad.  We also spent $6000 in video inspections.  This is on top of what we do throughout the year as well.  We are constantly monitoring and keeping track of lines and manholes that need to be repaired and try and fix them as we can.

The city took in a combined sewer amount from wet weather flow and dry weather flow, of 182,800,075 gallons.  This was over the whole year of 2020.   We had 3 more sub- divisions come in last year and all the manholes installed have been sealed with our approved strong seal, so they will not leak.  Also, all new sewer lines and sewer laterals installed are pressure tested to insure they do not leak upon being put into service.  We are trying to get money put back in the budget so we can get back on track with doing sewer line liners on old leaking pipes.

We had one storm related SSO's in 2020.  We had very heavy rains and the pipe was blocked due to roots. We jetted it and unblocked the line and cut the roots out.

We will continue to battle the I and I problem in the city, with manhole rehab, and sewer line liners.  We are constantly looking for cross connections to the sewer and monitoring manholes for leaks.

We completed a new Sewer Master Plan and it is outlined in there for future smoke testing and I and I work to be done.

Sincerely,

Chad Tracy

Lead Sewer Operator