



Tim Bybee
Wastewater Collection Supervisor



Wastewater Collection Capital Acquisitions

Fats Oils Grease Control Device

Two Hours of Buildup



One Hour After Installation





Fats Oils Grease Control Device

- Lift Station No. 2 on Market Street
- FOG Buildup =
 - Odor Complaints
 - Corrosion
- \$65,000 per year for Physical & Chemical Maintenance



Fats Oils Grease Control Device

- Recommend Titus Twister Mixing Aerator
- Utilizes Ozone & Aeration
- Similar to Vapex at Lift Station No. 10
- Sole Source Proprietary Equipment

Acoustic Pipe Inspection

Current Method



SL-RAT





Acoustic Pipe Inspection

- Inspection Requires CCTV, Vac-Con, and Multiple Maintenance Workers
- Many Pipes are Delicate and Cannot be Jetted
- Ties up Equipment and Can Potentially Cause Damage



Acoustic Pipe Inspection

- Recommend SL-RAT Acoustic Pipe Inspection Equipment
- Non-invasive Method Using Soundwaves
- Assesses Pipe Condition to Save Labor & Time
- Sole Source Proprietary Equipment



Fiscal Impact

**\$100,000 – Account No. 8110-69201
(Wastewater Collection – Equipment)**

\$70,000 – Fats Oils Grease Control
Device

\$30,000 – Acoustic Pipe Inspection
Equipment

Supplemental appropriation to operating budget is required to track capital acquisitions' lifespan



Recommendation

- A. Approve the following capital acquisitions:
 - 1. Fats Oils Grease Control Device
 - 2. Acoustic Pipe Inspection Equipment

- B. Award the purchase of one (1) Titus Twister to Titus of Prineville, OR in the amount of \$59,125, with the finding that it is in the best interest of the City.

- C. Award the purchase of one (1) SL-RAT acoustic pipe inspection equipment to InfoSense, Inc. of Charlotte, NC in the amount of \$30,000, with the finding that it is in the best interest of the City.

- D. Authorize the Finance Director to make a supplemental appropriation and related transfers from Account No. 981104-65501 (Recurring Collection Systems) to 8110-69201 (Wastewater Collection – Equipment) in the amount of \$100,000.