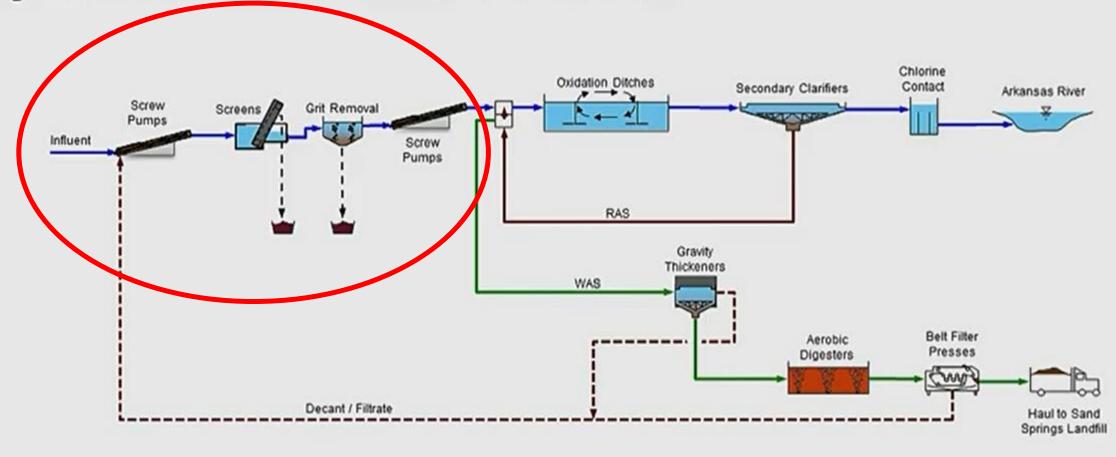
City of Broken Arrow Lynn Lane Water Resource Recovery Facility (WRRF)

Headworks Improvements



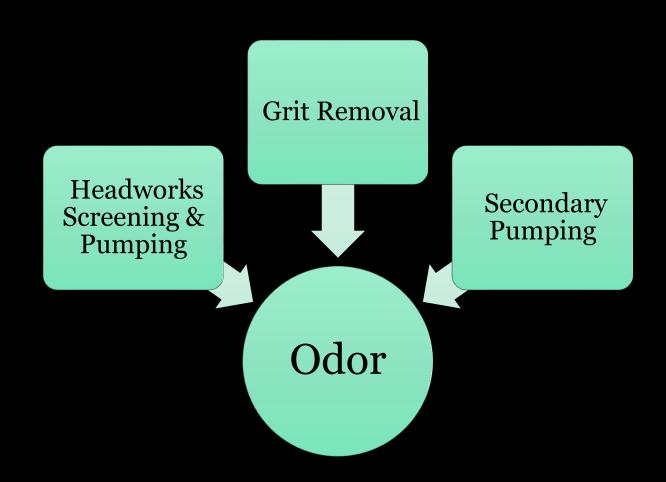
Headworks

Lynn Lane WWTP Flow Schematic





2002 Odor Study – 98% are coming from Headworks areas



Headworks Project

- Larger Influent Pipe for increased capacity
- New submersible pumps for efficient pumping
- State of the art screening and grit washing systems
- Bio-filter scrubbing for odor control



Project Start: February 2018

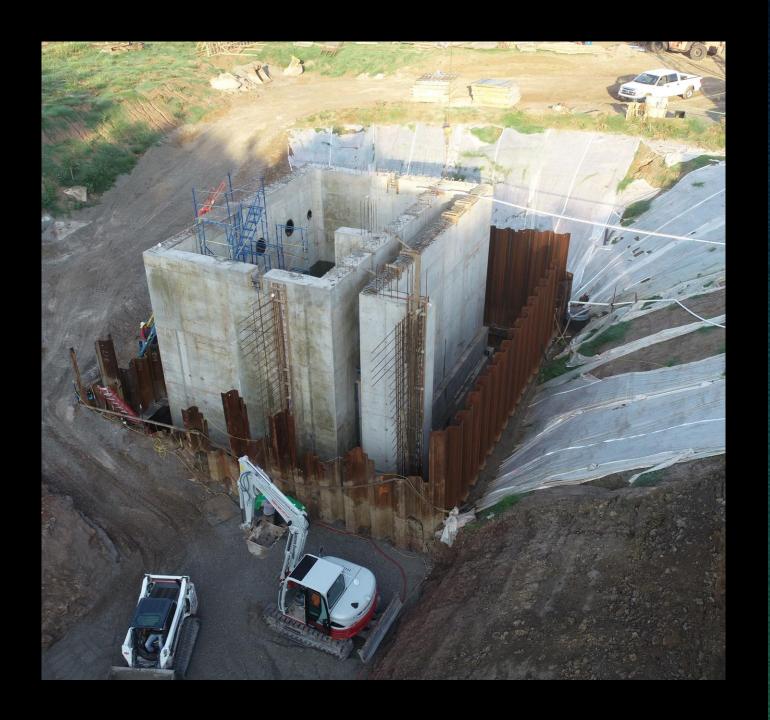
Basin Removal





Progress Update April 2018

Excavation of structure and preparation of Wetwell



Progress Update July 2018

Wetwell lower portion of structure



Progress Update September 2018

Wetwell, screen area and bio-filter walls completed. Ceiling top for Wetwell and screen being prepared for concrete



Progress Update December 2018

Structure walls near completion

Equipment ready for installation



Current Update February 2019

90% of equipment installed, roof completed, Headcells installed, Biofilter media ready for installation; Electrical ongoing



In Service mid-May 2019

Questions?