

**CITY OF UKIAH
CITY COUNCIL AGENDA
Special Meeting
Ukiah Valley Conference Center
200 South School Street
Ukiah, CA 95482**

**February 18, 2016
5:30 p.m.**

- 1. ROLL CALL**
- 2. CLOSED SESSION**
- 3. STRATEGIC PLANNING WORKSHOP (5:30 p.m.)**
 - a. Overview and Discussion of the City of Ukiah's Waste Water
- 4. PUBLIC COMMENT**
- 5. ADJOURNMENT**

Please be advised that the City needs to be notified 24 hours in advance of a meeting if any specific accommodations or interpreter services are needed in order for you to attend. The City complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet are available for public inspection at the front counter at the Ukiah Civic Center, 300 Seminary Avenue, Ukiah, CA 95482, during normal business hours, Monday through Friday, 8:00 am to 5:00 pm.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the bulletin board at the main entrance of the City of Ukiah City Hall, located at 300 Seminary Avenue, Ukiah, California, not less than 24 hours prior to the meeting set forth on this agenda.

Dated this 12th day of February, 2016.
Ashley Cocco, Deputy City Clerk

February 18, 2016

Strategic Planning: Wastewater

Existing Conditions

The system is comprised of two components:

Waste Water Treatment Plant (WWTP)

- Original system built in the early 1900's
- Current Treatment Plant constructed in 1958
- Improvements in 1980's, 1990's (AWT) and 2009 (Expansion)
- Staff of 9 FTEs

Collection System-

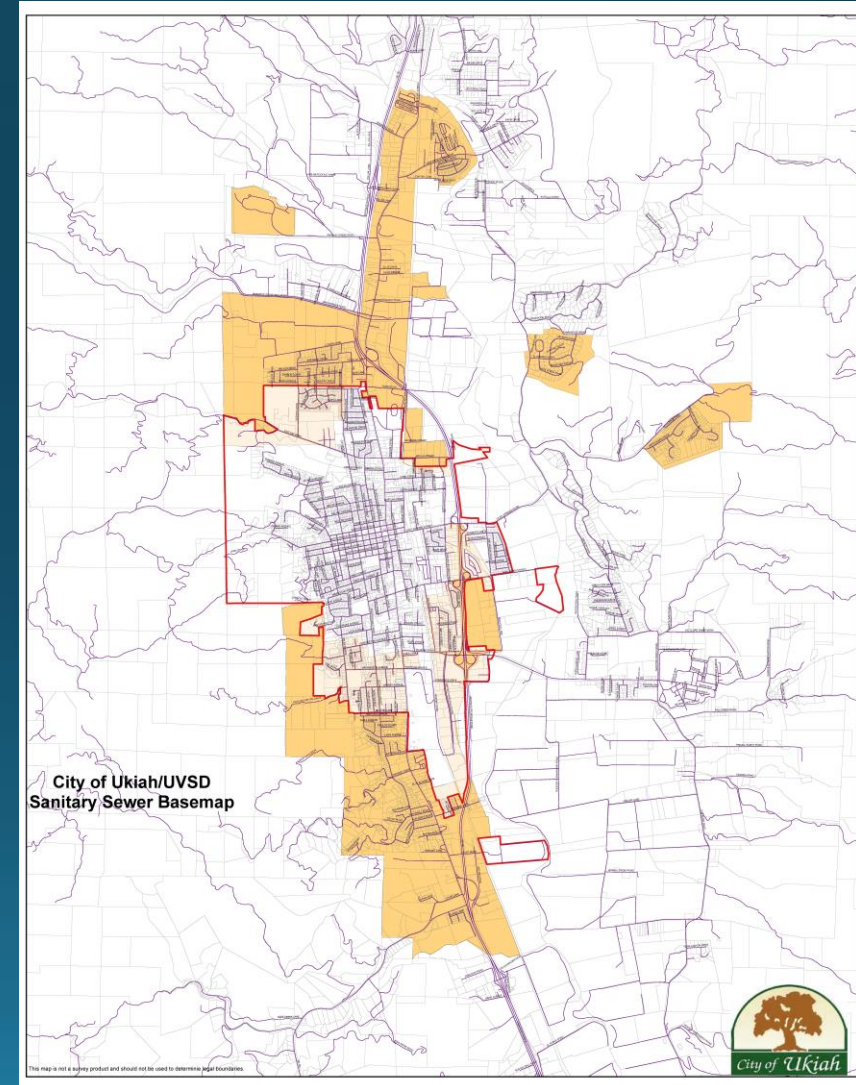
- 90 miles of pipe
- Consists of Clay, Concrete, Plastic, AC
- Approximately 7,000 connections
- Staff of 8 FTEs



Ukiah Valley Sanitation District (UVSD)

The WWTP provides treatment for the Ukiah Valley Sanitation District (UVSD)

- Collection systems are nearly equal in length
- The operations for the WWTP and collection system are governed by a series of agreements dating back to the 1950's
- Currently subject to on-going litigation (~\$24M)
- Solely administrative



System Rating

The WWTP produces comparable effluent to other agencies in the North Coast

- Laguna (Santa Rosa)
- Healdsburg and Windsor
- Hopland
- Significant decrease in the amount (8 in 2008 vs. 0 since 2010) of Sanitary Sewer Overflows due to an intensive main cleaning program.



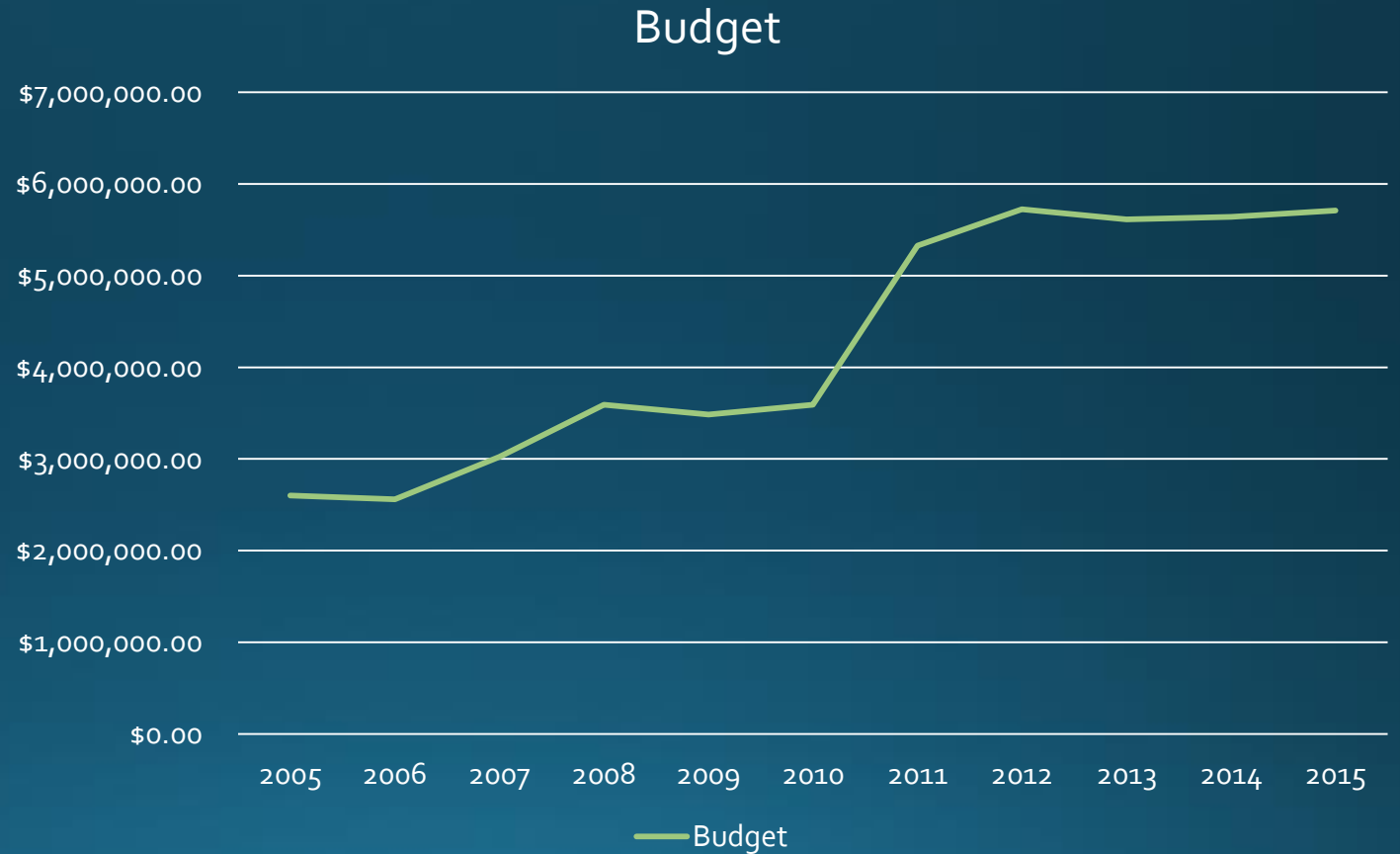
Budget

Steadily increased with complexity compliance

- Debt service

Funds

- City- 844
- UVSD- 940
- Joint- 840



CIP

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	Future	Total
Sewer Main Repalcement	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00		\$ 2,500,000.00
Flow Equalization Basin for WWTP	\$ 150,000.00	\$ 150,000.00	\$ 400,000.00	\$ 150,000.00	\$ 150,000.00		\$ 1,000,000.00
Flow Monitoring System for Collection System		\$ 250,000.00					\$ 250,000.00
Nitrate Reduction by 2020*						\$ 25,000,000.00	\$ 25,000,000.00
Sewer System Master Plan		\$ 150,000.00					\$ 150,000.00
Recycled Water System Construction			\$ 20,000,000.00	\$ 15,000,000.00			\$ 35,000,000.00
						Total	\$ 63,900,000.00

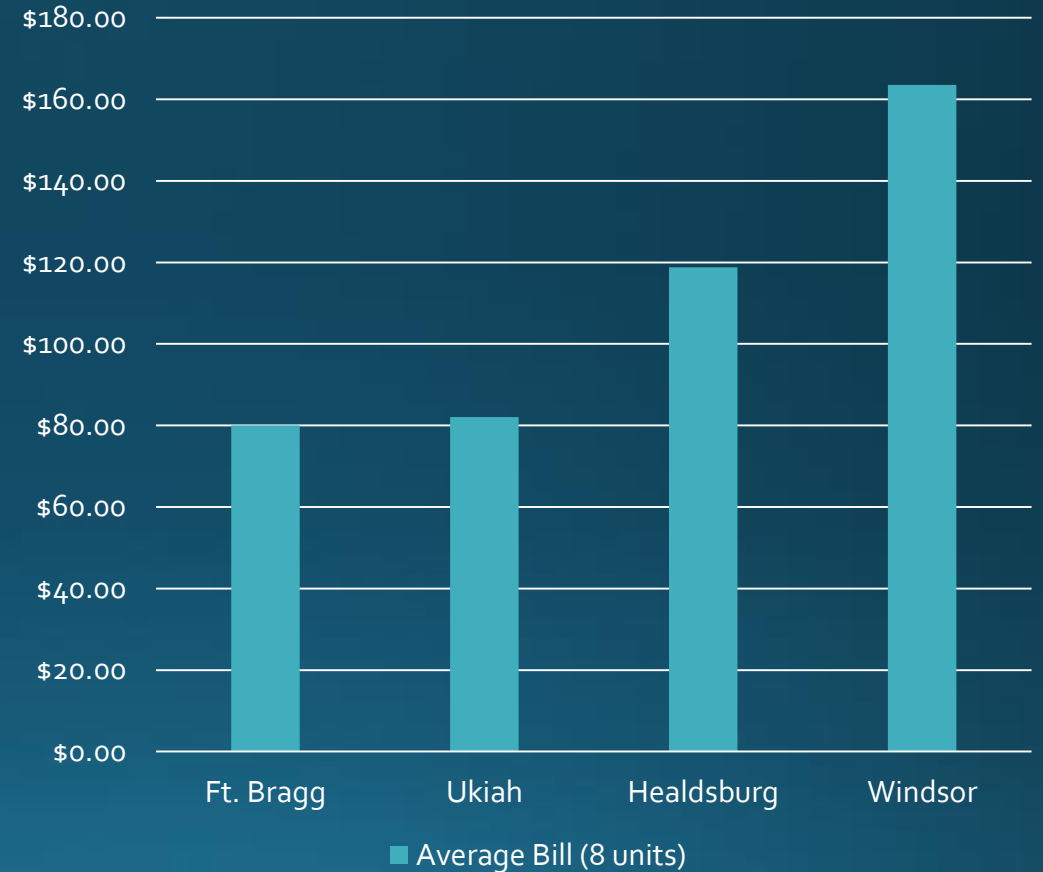
*This project could be reduced or eliminated with the Recycled Water Construction Project

- Accomplished thru a combination of grants, loans, and cash
- Expanded to 10 year CIP through Rate Study

Rates

The previous rates were increased effective July 1, 2010

- New rate study is in progress
- Increase likely (TBD)



Needs (WWTP)

WWTP is under a Cease and Desist Order

- WWTP completed an upgrade project in 2009 (\$56M) to comply with discharge requirements that were in effect at that time.
- No longer compliant for Nitrate and Ammonia
- Compliance deadline in 2020
 - Upgrade WWTP (\$30M)
 - Recycled Water System (\$55M)



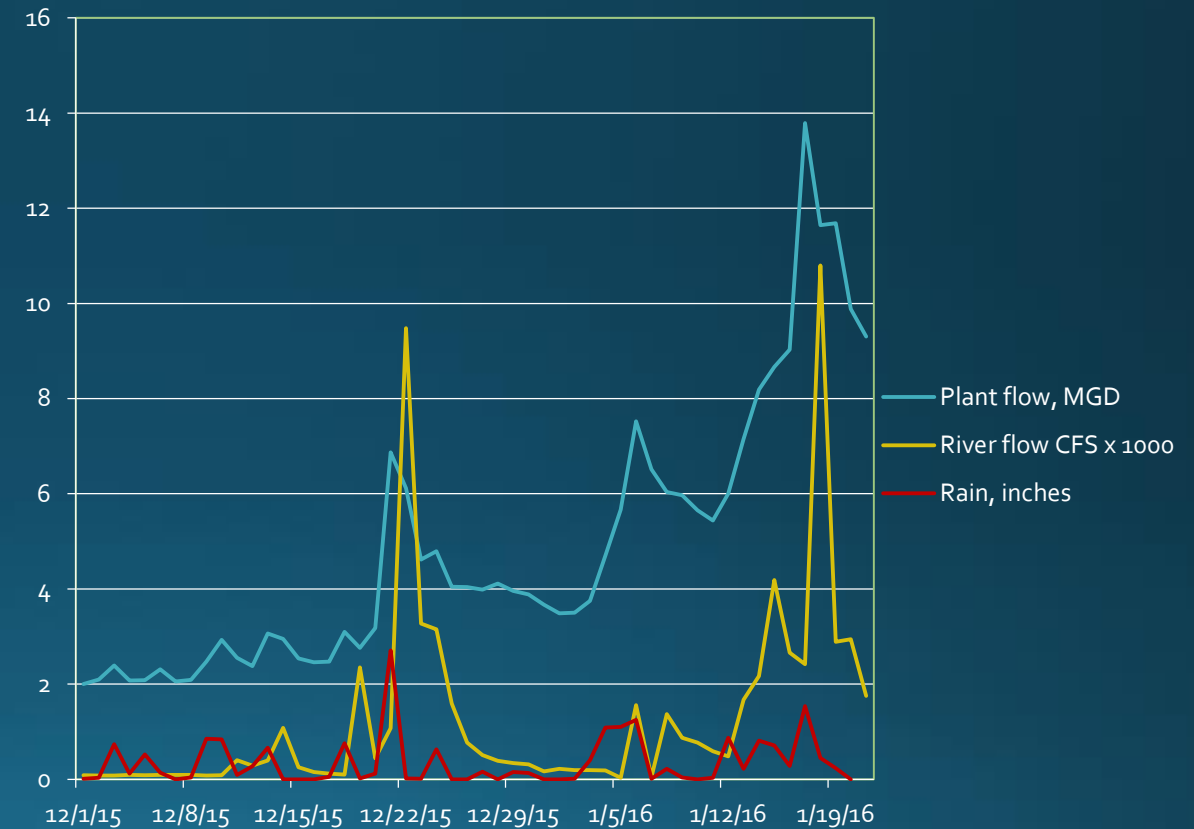
Needs (Collection System)

Collection System experiences significant Inflow and Infiltration (I&I)

- Summer flow of 2 mgd
- Winter flow of 8 mgd

Laterals

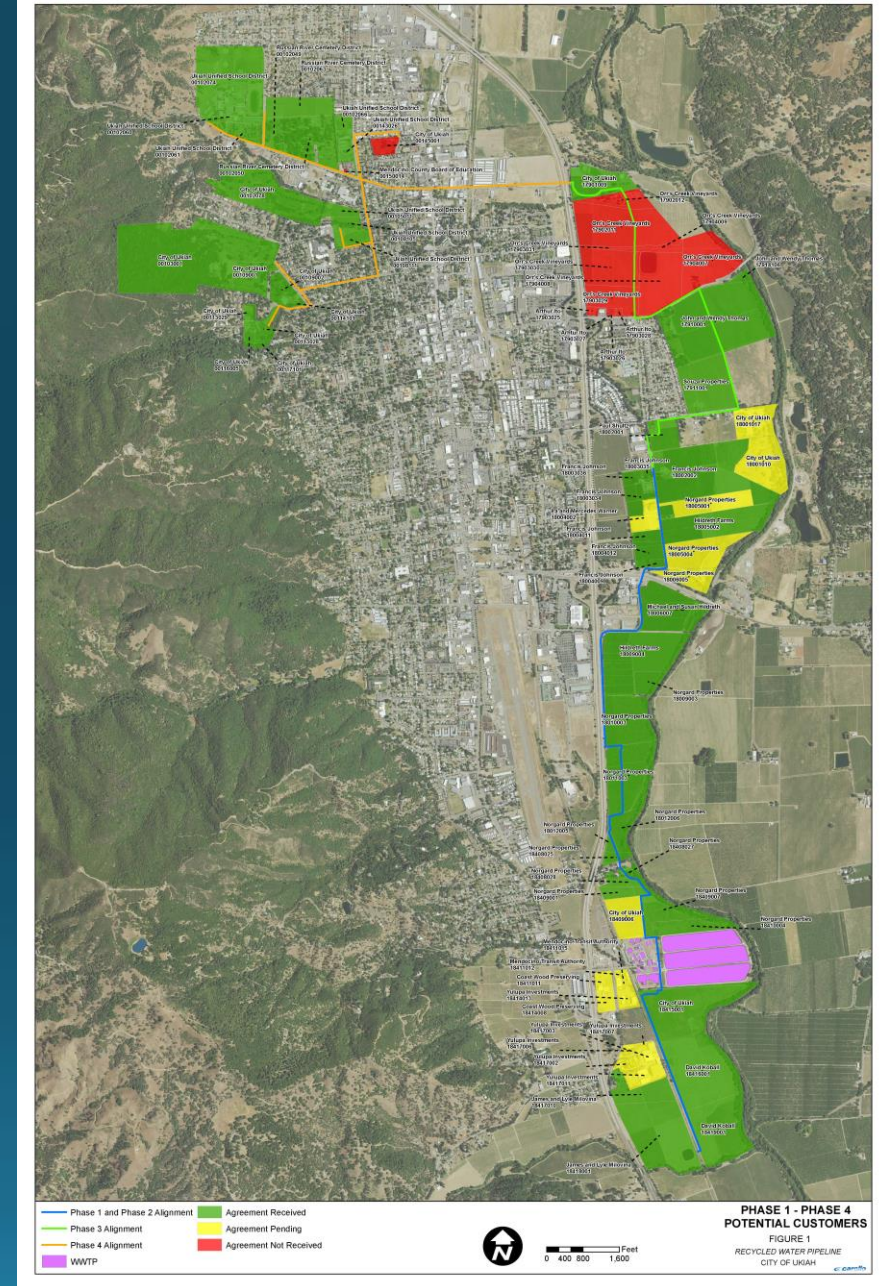
- Systematic inspection to prioritize defects in the system
- Consider modifying lateral policy
 - Ineffective
 - Discourages permitting compliance



Opportunities

Recycled water

- The City has applied for and received approximately \$2.5M from Prop 84 funds for the Recycled Water System.
- Applied for an grants/loans to complete Phases 1-4 of the Recycled Water System.
 - City likely to receive \$36M in FY 16/17 for Phases 1-3
 - Continue to look for funding for the Phase 4
- Water Balance to analyze zero discharge



Opportunities

Improve relationship with UVSD (lawsuit)

- Refinance the WWTP Improvement Bonds- \$66.7M
- Refi could save approximately \$4M
- Precluded due to poor fund rating

Opportunities



Electricity

- Adjacent property well-suited for large-scale solar
- Electric utility looking for site
- Airport/Larkfield/Wikiup and Sonoma Valley since 2007



Priorities

Optimize strategies around discharge compliance

- Reduce I and I
- Recycled water
- Upgrades

Update rate structure

Governance

- Improve UVSD relationship
- Detachment

Investigate opportunities for power generation

