



Wastewater System Master Plan Update & Biosolids and Organic Waste Management Alternative Analysis



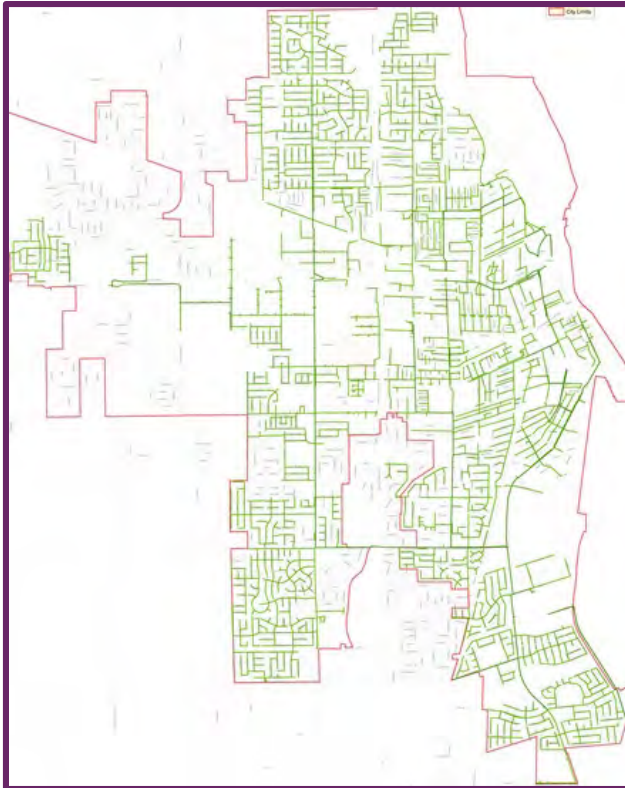
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Wastewater System



- Wastewater Treatment Facility (WWTF)
 - Constructed in 1972
 - Multiple upgrades
 - Currently 10.5 mgd permitted capacity
- Wastewater Collection System
 - Approximately 200 miles
 - 17 lift stations
- 15,000 Service Connections (approx.)
- Regulatory Compliance

Wastewater System



Wastewater Master Plan Update



- Wastewater Master Plan completed in 2006
 - Several recommended and related projects completed, under construction, or in design
 - State requirements have changed – such as water conservation
 - Master Plan provides guidance related to long term infrastructure needs

Wastewater Master Plan Update



- Flow projection estimates
- Anticipated future regulatory requirements
- Infrastructure needs for new development
- Improvement needs for existing infrastructure
- Wastewater service connection fees
- Future wastewater rates
- Capital Improvement Program
- Alternative Analysis for SB1383 requirements

Fiscal Impact



\$603,052 – Account No. 981249
(Wastewater Master Plan Update)

\$548,052 – Contract

\$ 55,000 – Contingency

Recommendation



Award a Professional Services Agreement to West Yost Associates of Davis, CA in the amount of \$548,052 plus \$55,000 contingency to prepare the Wastewater System Master Plan Update and Biosolids and Organic Waste Management Alternative Analysis, with the finding that it is in the best interest of the City.