

Upper Thompson Sanitation District
 Table 1: Capital Improvements Plan (CIP)
 July 21, 2015



Proposed Projects	Planning Year										Total	
	0	1	2	3	4	5	6	7	8	9		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Administration												
1. Vehicle Replacement		\$65,000	\$65,000			\$240,000						\$370,000
Collection System												
2. Raise Manholes		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$450,000
3. Rehabilitate Collection System Lines		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,800,000
4. FCLS Force Main Evaluation and Rehabilitation		\$750,000	\$500,000									\$1,250,000
5. Downtown Development Rehabilitation (FLAP)		\$100,000	\$100,000									\$200,000
6. River Crossing Evaluation and Repair		\$10,000	\$100,000									\$110,000
Sub-Total Collection System CIP Totals	\$0	\$1,110,000	\$950,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,810,000
Wastewater Treatment Facility (WWTF)												
7. Metals Treatment Evaluation Alternatives Evaluation		\$25,000										\$25,000
8. Concrete Rehabilitation Clarifiers		\$70,000	\$70,000									\$140,000
9. Nutrient Improvement Planning / Design Through Construction		\$50,000	\$50,000		\$1,387,500	\$1,387,500	\$1,070,500	\$1,070,500				\$5,016,000
10. Waterline to FCLS	\$300,000											\$300,000
11. SCADA Software	\$35,000											\$35,000
12. Major Improvements Construction (Nutrients / Maintenance / No Capacity Upgrade)								\$8,563,000	\$8,563,000			\$17,126,000
Sub-Total Wastewater Treatment Facility (WWTF) CIP Totals	\$335,000	\$145,000	\$120,000	\$0	\$1,387,500	\$1,387,500	\$1,070,500	\$9,633,500	\$8,563,000	\$0	\$0	\$22,642,000
CIP Totals	\$335,000	\$1,320,000	\$1,135,000	\$250,000	\$1,637,500	\$1,877,500	\$1,320,500	\$9,883,500	\$8,813,000	\$250,000	\$0	\$26,822,000

Notes:

1. Anticipated Project Costs are for Planning Purposes Only. Detailed Opinions of Probable Total Cost shall be completed during design. All Costs are in 2015 dollars.

2. Current WWTF capacity is 2.0 mgd. 80% Capacity is 1.6 mgd, 95% Capacity is 1.9 mgd.

3. Row 9 and 12 Detailed Breakdown:

Row 9 - Design / Administration Through Construction includes the following line items:

a. Ongoing Nutrient Regulatory Assistance / Preliminary Engineering	\$100,000
b. Institutional Costs from October 2012 Nutrient Treatment Alternative TM - Alternative No. 2 ~	\$206,000
c. Legal and Administration (2.5% of Construction Cost)	\$428,000
d. Planning, Design and Bidding (12.5% of Construction Cost)	\$2,141,000
e. Services During Construction (12.5% of Construction Cost)	\$2,141,000
Total Design / Administration	\$5,016,000

Row 12 - Major Improvements Construction with No Capacity Increase includes the following line items:

a. Chlorine Contact Baffle Walls or UV Disinfection Facility Upgrade (Pricing based on UV Disinfection) ~	\$1,236,000
b. Grit Removal and Influent Weir Replacement ~	\$1,030,000
c. Backwash / Centrate Re-Route ~	\$1,030,000
d. Alternative No. 2 from October 2012 Nutrient Treatment Alternative TM (Baffle Walls / Mixers / Blowers / Cover No. 3 Clarifier / Fixed Film Media Addition) - Engineering Not Included ~	\$11,330,000
e. Metals Compliance Requirements ~	\$2,500,000
Total Construction	\$17,126,000

Total Combined Design / Administration / Legal \$22,142,000