



Louisville/ Superior Joint Issues Committee Meeting

**Wednesday, February 10, 2016
Louisville City Hall, Spruce Room
Louisville, Colorado 80027
8:30 A.M.**

Discussion Items:

Water and Wastewater Systems Coordination

- a. **Water Interconnect Project.** Staff will provide update on construction status and projected date of completion.
- b. **Wastewater Overflow IGA.** Staff to summarize IGA and provide status update.
- c. **Waste Water Treatment Plant Consolidation Feasibility Analysis.** Staff will review the summary of analysis by Hawksley Consulting (attached) and address these and other questions:
 - i. What is the window of time for change ordering under Louisville's existing WWTP expansion contract?
 - ii. What potential savings would be lost if not executed in that time frame?
 - iii. Other?



Consolidation of WWTP Feasibility Analysis Update

for the City of Louisville and the Town of Superior

January 2016

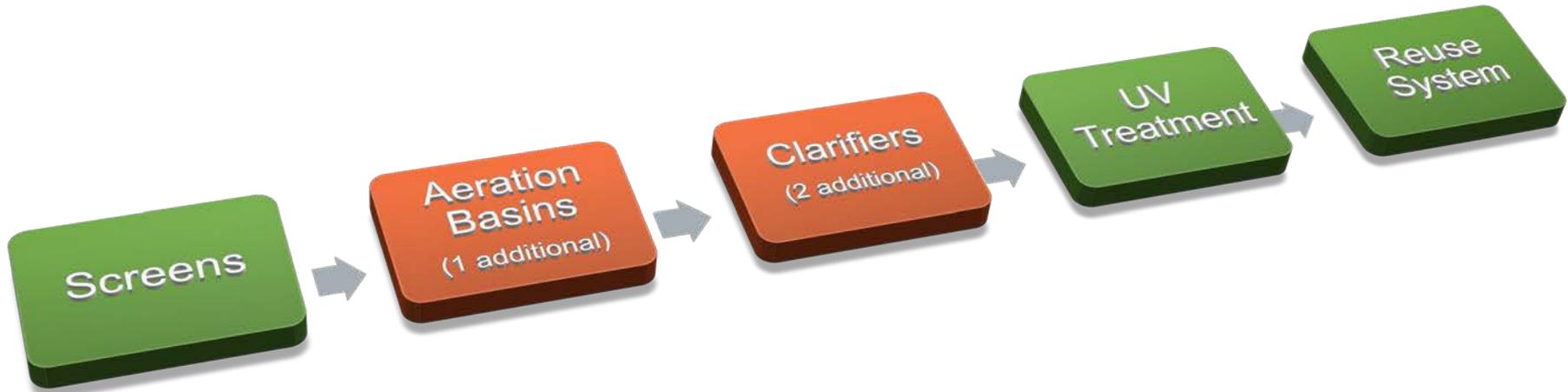


Capital Requirements

Scenario (Build Out Demand)	Louisville (2.54 MGD)	Superior (1.72 MGD)	TOTAL
Status Quo	\$29.5M	\$22M	\$51.5M
Status Quo	\$11.6/MGD	\$12.7/MGD	
Combined Plant	\$24.3M	\$16.9M + \$8.6M* = \$25.45M	\$49.75M
Combined Plant	\$9.6/MGD	\$9.8 + \$5.0* = \$14.8/MGD	

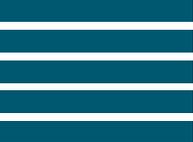
* - Additional Infrastructure Required to Move Flow to Louisville

2015-2016 Louisville WWTP Expansion Details



Requires Additional
Expansion for
Superior
(by 2020)

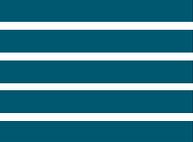
Design Has
Capacity for
Superior



Operating Cost Detail

Scenario & Function	Labor & Lab/Permitting	Utilities & Sludge Disposal	Maintenance	Total Annual Operating Costs
Status Quo - Louisville	\$510,000	\$390,000	\$760,000	\$1,660,000
Status Quo - Superior	\$340,000	\$310,000	\$690,000	\$1,340,000
Combined Plan*	\$620,000	\$650,000	\$1,210,000	\$2,480,000
Annual Savings	\$230,000	\$50,000	\$240,000	\$520,000

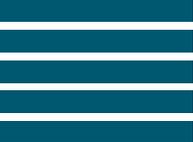
* - Includes Additional Cost Required to Move Flow to Louisville



Summary of Annual Operating Requirements

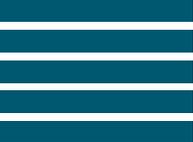
Scenario (Build Out Demand)	Louisville (2.54 MGD)	Superior (1.72 MGD)
Status Quo	\$1.66M	\$1.34M
Combined Plan	\$1.41M	\$0.95M + \$0.12M* = \$1.07M
Annual Savings	\$250,000	\$270,000

* - Additional Cost Required to Move Flow to Louisville



Annual Operating Cost Savings

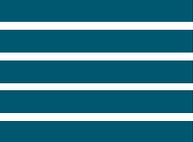
Scenario	Louisville	Superior
Status Quo Annual Cost per 5,000 Gallons	\$107.43	\$128.07
Combined Plan Annual Cost per 5,000 Gallons	\$91.25	\$102.26
Annual Savings per Average Residential Customer	\$16.18	\$25.80



Annual Cost Savings (Includes Annual Debt Service)

Scenario	Louisville	Superior
Status Quo Annual Cost per 5,000 Gallons	\$229.80	\$262.03
Combined Plan Annual Cost per 5,000 Gallons	\$194.79	\$258.28
Annual Savings per Average Residential Customer	\$35.01	\$3.75

Assumes all capital can be financed with State loans, 20 years at 2.5%.



Thanks for your time.

QUESTIONS AND COMMENTS