Business Item: 2015-289 Authorization to Approve the City of Afton Historic Village Sewage Treatment Area Comprehensive Sewer Plan Amendment Review File No. 20736-3

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Community Background

- Washington County
- Diversified Rural Community (Thrive)
- Afton is outside of the Council's Long Range Wastewater Service Area
- Entirely served by individual subsurface treatment systems (septic's)
- Historic Village area and existing septic's susceptible to periodic St. Croix river flooding



Plan Summary

- Provide centralized wastewater collection system for Historic Village area and treatment via large communal subsurface treatment facility
- Ultimate service for 77 households and 22 commercial properties (100 employee's)
- 8-inch gravity collection system, Lift station to pump flow to treatment facility.

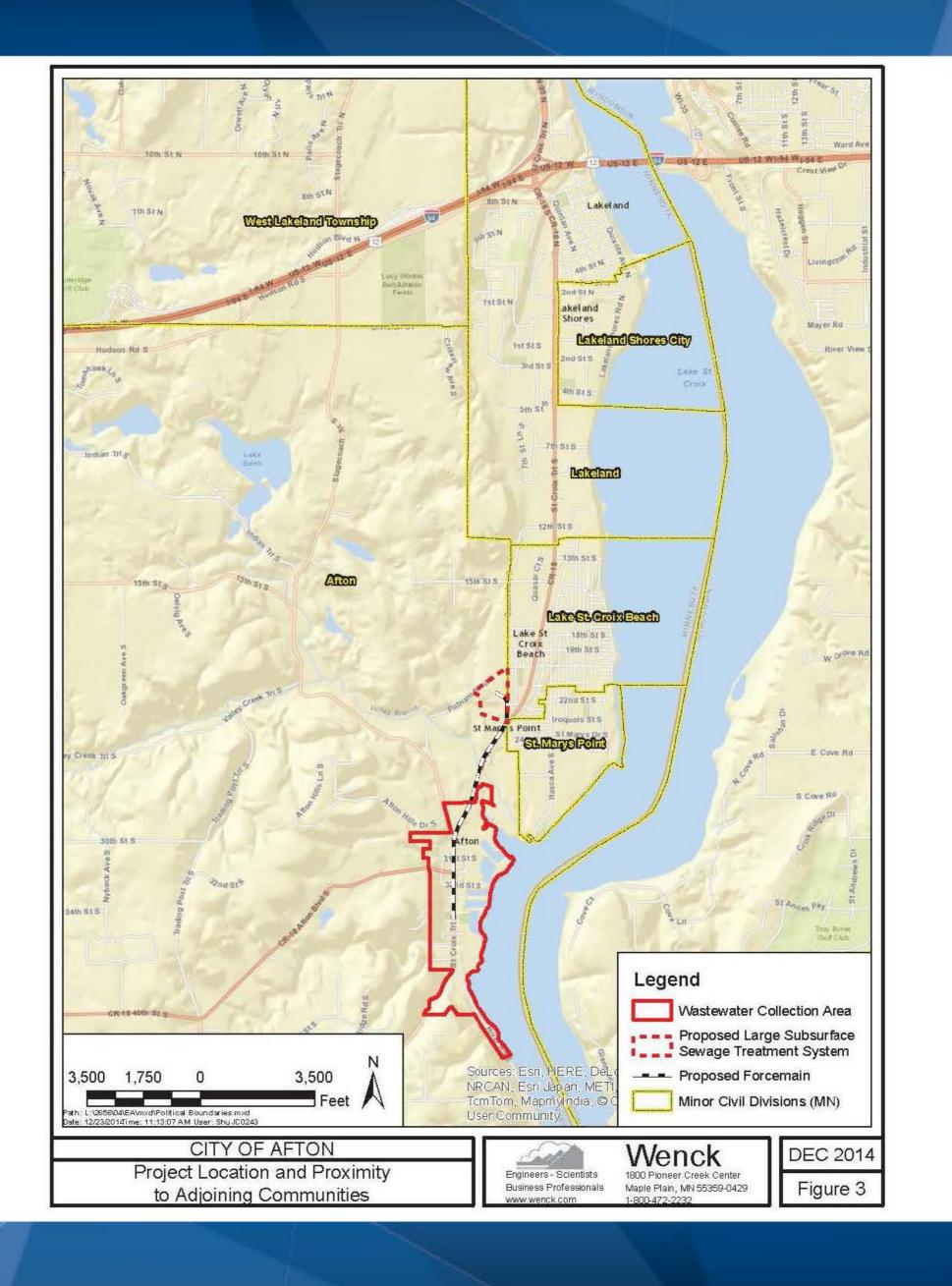


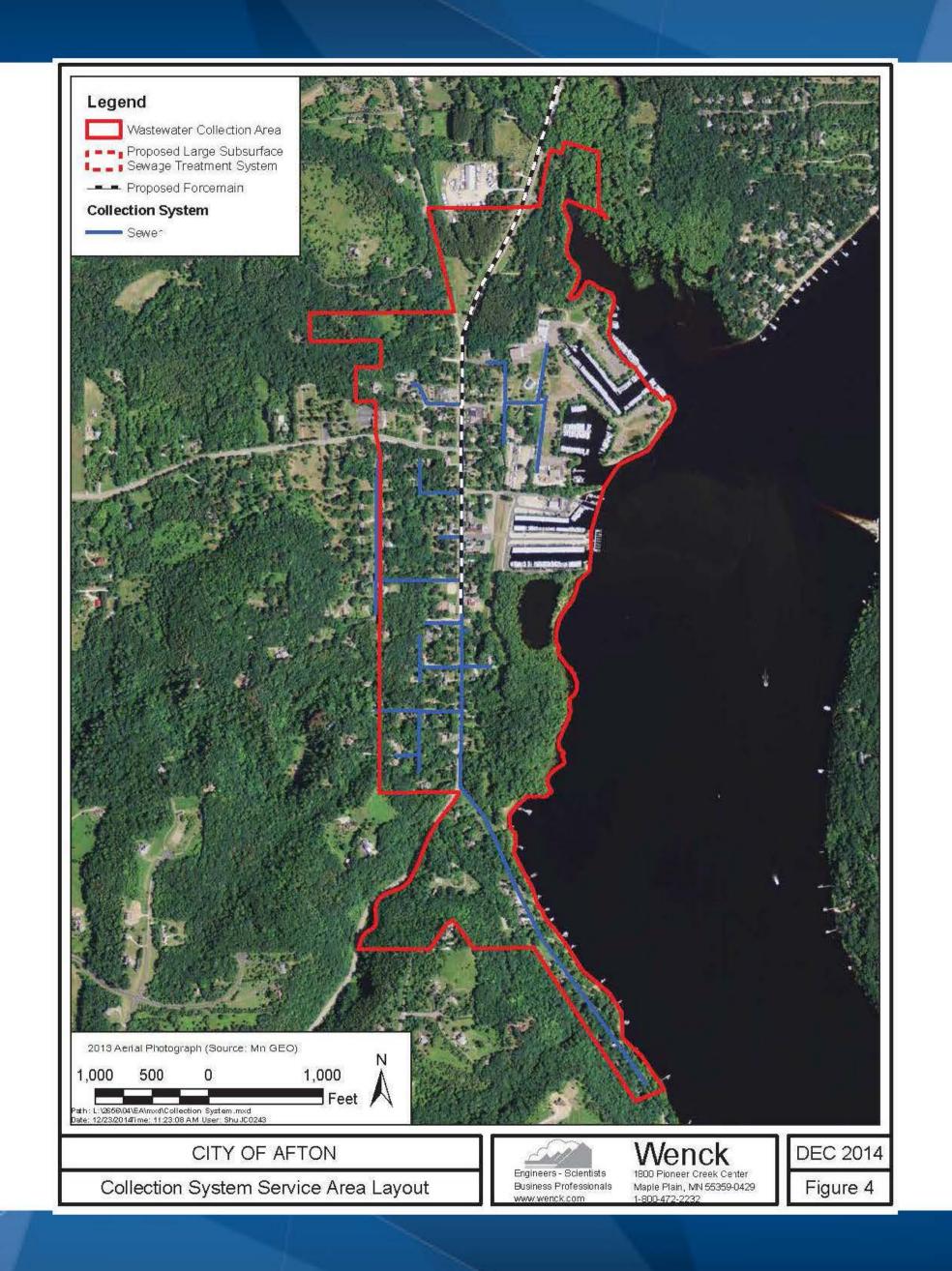
Alternative Cost Analysis

Large Subsurface Treatment Facility	Regional Service
\$3.97 to \$4.76 Million	\$5.26 Million

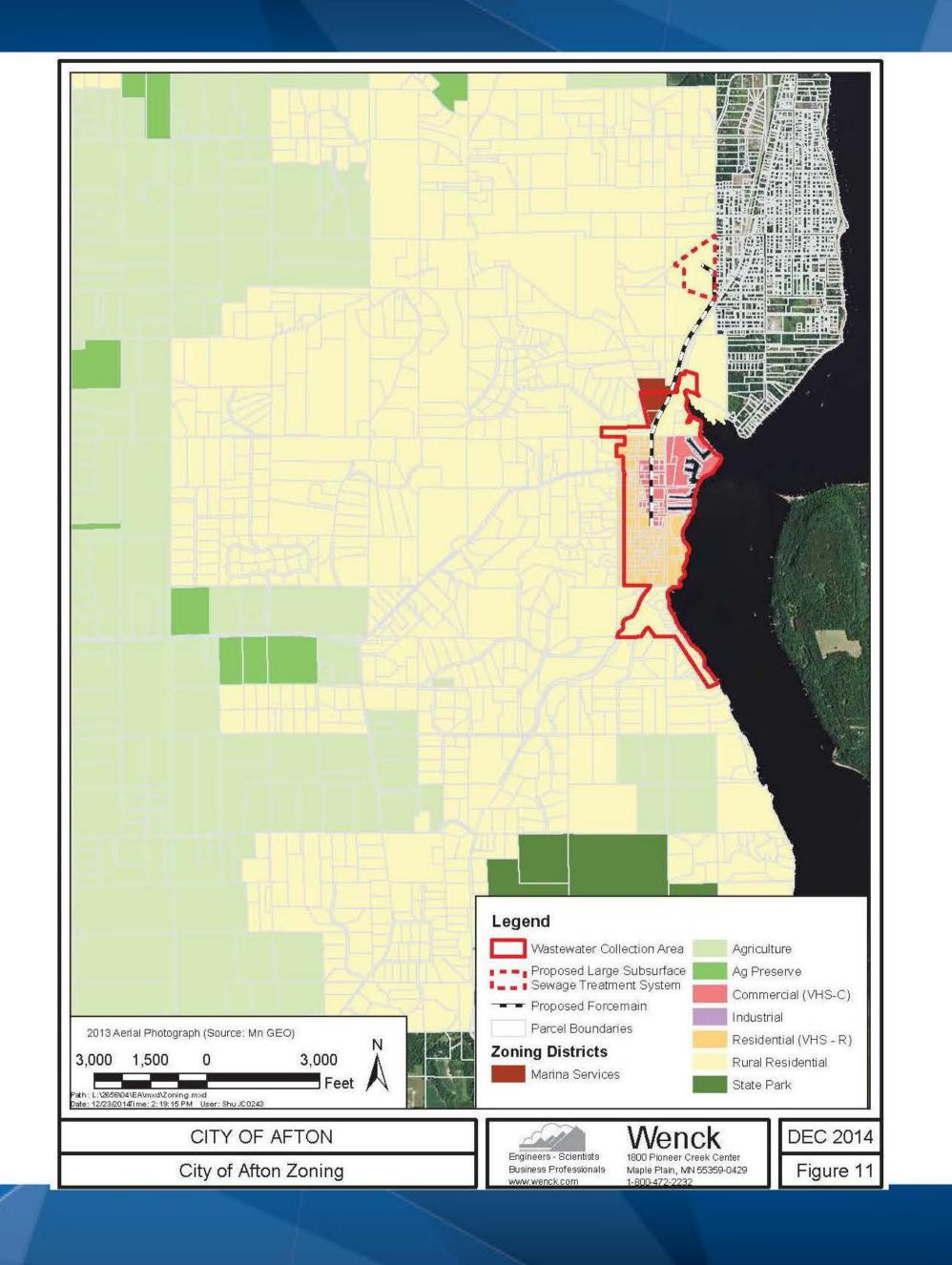
- 3 alternative subservice treatment systems evaluated
- Regionalization costs: System length to Woodbury and added operational and maintenance costs.
- Estimated monthly sewer service charges
 - \$60.50 to \$90.00 (20-yr. vs. 10-yr. capital loan payoff)
 - \$15 Regional community rate











Proposed Action

 That the Metropolitan Council adopt the review record provided and approve the City of Afton's amended comprehensive sewer plan which outlines the provision of locally provided wastewater services for the historic village area.

