



A sustainable decision-making process is being used to select the best wastewater facility. In the months ahead, the five sites will be evaluated to determine if they meet the communities’s long-term objectives. Those objectives are described here. Your input will help us evaluate and select a site. Use this “cheat sheet” to help understand how each of the sites currently meets objectives.

Environmental Objectives

E1

Produce Best Water Quality

- Produce the best effluent quality (NTU, TSS, BOD) within a reasonable cost
- Produce “Class A” reclaimed water for beneficial reuse

E2

Protect Environmental Sensitive Areas

- Protect wetlands, streams, wildlife habitat, forest, and other critical areas*
- NOTE: Critical areas defined by OHMC

E3

Minimize Carbon Footprint

- Pursue alternatives that emit the lowest levels of Greenhouse Gases (GHG) (or alternatives that are “reasonably close” to lowest GHG levels)

Social Objectives

S1

Protect Public Health and Safety

- Minimize public and City staff exposure to toxics and chemicals
- Reliably meet NPDES permit requirements; provide for safe water quality

S2

Preserve/Enhance Public Amenities

- Preserve existing underdeveloped open spaces for public use *
- Protect important view corridors in the community *

S3

Minimize Neighborhood Impacts

- Construct facilities to match the character of surrounding areas *
- Minimize public exposure to noise, odor, and truck traffic



Financial Objectives

All five current sites for review are at the low end of relative cost. Cost was used to refine the number of sites under consideration

F1

Low Capital Cost

- Pursue alternatives that are lowest in cost (or “reasonably close” to low cost)
NOTE: Considers WWTP, conveyance, and outfall costs

F2

Low Life Cycle Cost

- Pursue alternatives that are lowest in cost (or “reasonably close” to low cost)
NOTE: Considers capital cost and annual O&M cost for 20-year period

F3

Protect Assets for Future Economic Development

- Avoid areas zoned for commercial/business use within downtown urban core *

Technical Objectives

T1

Reliable Performance

- Select treatment processes with many years of proven service
- Design for adequate redundancy

T2

Ease of Construction

- Avoid steeply sloped sites and/or sites with difficult access
- Avoid sites where acquisition/construction could cause excessive, costly delays *

T3

Overall System Efficiency

- Maximize the amount of gravity flow to/from the new WWTP
- Minimize the amount of new conveyance infrastructure