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

<table>
<thead>
<tr>
<th>Code</th>
<th>Objective</th>
<th>Details</th>
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</table>
| 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

<table>
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| 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 |

*Criteria matching Oak Harbor Comprehensive Plan*
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

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

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

Protect Assets for Future Economic Development
• Avoid areas zoned for commercial/business use within downtown urban core *

Technical Objectives

Reliable Performance
• Select treatment processes with many years of proven service
• Design for adequate redundancy

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

Overall System Efficiency
• Maximize the amount of gravity flow to/from the new WWTP
• Minimize the amount of new conveyance infrastructure

*Criteria matching Oak Harbor Comprehensive Plan