

# Objectives for Post Point WWTP Expansion

## Technical

### T1: Maximize Reliability & Performance

- ✓ Proven technology
- ✓ Flexibility for the future

### T2: Maximize Process Efficiency

- ✓ Maximize use of/ integration with existing infrastructure
- ✓ Design/construct for long useful life
- ✓ Efficiency in site layout (hydraulic/spatial)
- ✓ Ease/reliability of O&M

## Financial

### F1: Increase Value by Controlling Capital Costs

### F2: Increase Value by Controlling Life-Cycle Costs

## Social

### S1: Protect Public Health & Safety

- ✓ Reduce CSOs, sewer system backups, and flooding
- ✓ Minimize exposure to toxins

### S2: Protect Public Assets

- ✓ Visual impacts
- ✓ Noise/odor impacts
- ✓ Buffer areas/surrounding open space
- ✓ Traffic impacts (construction, operation)

## Environmental

### E1: Minimize Impact on Local Environment

- ✓ Protect water quality of Bellingham Bay
- ✓ Protect local sensitive areas (wetlands, wildlife)

### E2: Minimize Impact on Global Environment

- ✓ Low GHG
- ✓ Reduce energy use
- ✓ Reduce use of new construction materials

# Comparison of WWTP Alternatives (Secondary Expansion)

