



# WATER ENVIRONMENT SERVICES

Water Quality Protection • Surface Water Management  
Wastewater Collection and Treatment



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## Recommended Initial Technical Site Criteria

### For the Replacement of Kellogg Wastewater Plant

The following criteria represent technical criteria recommended for the initial identification of sites that will be considered for further evaluation and ranking of their desirability.

#### **High Priority**

##### **1. Geographic Location**

Requires a location in the CCSD #1 District Boundary, the North Milwaukie Industrial area, or other new sites within the CCSD #1 service area.

##### **2. Site Size**

Requires a minimum of 14 acres up to a maximum of 35 acres.

##### **Notes:**

- The CCSD #1 CAC previously determined that 30 acres is a desirable site size. This was based on the assumption that 15 to 20 acres would be sufficient for the plant.
- Buffer strips to protect neighbors may require additional land.
- Site specific constraints such as slope, configuration, set backs, existing utilities and access may also require additional land

##### **3. Site Elevation**

Should be at an elevation low enough to avoid significant pumping of wastewater to a higher elevation for treatment.

##### **4. Proximity to system**

Should be close to the “lower portion” and confluent points of the existing transmission system to reduce piping and pumping cost.

##### **5. Zoning**

Should not be in a residential zone or in an area that excludes wastewater plants.

**Note:** In unincorporated Clackamas County wastewater treatment plants are conditional uses in all zones with the exception that wastewater treatment plants are a prohibited use in the industrial zone within 0.25 miles of the Clackamas River.

## **6. Risk Assessment**

Should not be within a 100 year flood plain or on an earthquake fault.

### ***Other considerations***

#### **1. Access**

Have ability to provide adequate vehicular access for construction and operational truck traffic

#### **2. Utilities**

Have ability to provide electrical power, water, telephone, and communication services large enough for the facilities needs

#### **3. Soils and foundation considerations**

Have soils and groundwater conditions that will accommodate the plant's foundation requirements