

APPENDIX B – Utilities

## Utilities

### Sanitary Sewer

Sanitary sewer service to the project site is provided by Olympus Terrace Sewer District. The project will require sanitary sewer service for a future restroom located in the southwest portion of the site. An existing restroom approximately 200' southwest of the proposed restroom will be demolished as part of the master plan proposal. There is an existing 8" concrete sewer line located in the railroad easement to the south of the site. This 8" line parallels the railroad tracks and runs from the southwest to the northeast. Approximately 205 lineal feet of side sewer is necessary to connect sanitary sewer service to the future restroom facility. It is noted that the existing sanitary sewer line projects through a storm drain manhole near the railroad tracks and approximately 104 feet downstream of the proposed connection point for the future restroom.

Olympus Terrace Sewer District was contacted to determine if there are any capacity issues or concerns by the District associated with connection of the future restroom. There are no capacity issues associated with this connection. The District indicated that this metered account would have a connection fee of approximately \$6,660.00. No credit will be given for the existing connection, which will be demolished. An additional *area charge* may also apply to the site. This fee was not collected when the park was managed by the State. Now that it is a City park it will need to be collected. The *area charge* is a one-time fee and is currently \$2,129.44 per acre, and the fee increases monthly by \$3.88.

### Water Service

The project site is within the Mukilteo Water District Service Area. Water service will be required at the future restroom located in the southwest portion of the site. An existing restroom approximately 200' southeast of the proposed restroom will be demolished as part of the master plan proposal. The survey provided by *Penhallegon Associates Consulting Engineers, Inc.* shows water service to the existing restroom. This service will be relocated to the proposed restroom. There are two existing fire hydrants at the site. One is located on the southwest corner of the intersection of Front Street and State Route 525. The other hydrant is located on Front Street approximately 250 feet west of the first hydrant, and across from the Losvar Condominiums.

### Storm Drainage

The project site is located in drainage sub-basin C2, *State Park Tide Gate* as listed in the City of Mukilteo Comprehensive Surface Water Management Plan. This sub-basin outlets to Puget Sound through numerous outfalls along the shoreline. The main outfall for the state park is a 48" concrete pipe with flood gate located just south of the existing boat launch. Under existing conditions, site runoff is collected and conveyed to the outfall, with low flows treated by an oil/water coalescing plate separation vault. High flows bypass the treatment vault and flow directly to Puget Sound. Under proposed conditions, the existing parking lot will be converted to a grassy field, with parking relocated south adjacent to the railroad tracks. Runoff from the proposed roadway and parking areas will be collected and conveyed to a biofiltration swale for treatment of stormwater pollutants prior to discharging to Puget Sound. The biofiltration swale would be located parallel to the railroad tracks at the south border of the project site. No flow control facilities will be required since discharge of storm runoff is directly to Puget Sound.