

16.0 Tide Gage Operation:

The following tidal stations are located in the survey area: Port Townsend, WA (9444900) and Seattle, Wa. (9447130). These tide stations are maintained by the National Oceanic and Atmospheric Administration (NOAA).

Predicted tidal data were used during real-time data collection. The zoning information for the Hood Canal and Dabob Bay survey areas were taken from the Seattle tide gauge. These zones included Zones 35, 37-41, and 97-98.

| TIDAL INFORMATION | | | | | | |
|--|--|-----------------|--------|----------------|-------------------|---|
| PLACE | Height referred to datum of soundings (MLLW) | | | | | <i>Tide</i> Characteristics |
| | Mean Higher High Water | Mean High Water | MSL | Mean Low Water | Extreme Low Water | MIXED TIDE, PREVAILING SEMI- DIURNAL |
| | meters | meters | meters | meters | meters | |
| Bangor Wharf N 47° 44' 54" W 122° 43' 36" | 3.4 | 3.1 | 2.00 | 0.9 | -1.5 | |
| Zelatched Point, Dabob Bay N 47° 42' 42" W 122° 49' 18" | 3.5 | 3.2 | 2.04 | 0.9 | -1.5 | |
| Seabeck N 47° 38' 30" W 122° 49' 42" | 3.5 | 3.2 | 2.07 | 0.9 | -1.5 | |
| Quilcene, Dabob Bay N 47° 48' 00" W 122° 51' 30" | 3.5 | 3.2 | 2.05 | 0.9 | -- | |

Table 4.

Table 4, Summary: In-house data compilation used the published bench marks to compute tidal datums and tide correctors: 1. Bangor Wharf (9445133), 2. Zelatched Point, Dabob Bay,(SY5492) 3. Seabeck(9445296), 4. Quilcene, Dabob Bay(9445272). These tidal benchmarks are maintained by NOAA.

17.0 Tides Accuracy:

The estimated error for Sutron observed tides is 0.1m (1 SIGMA), and for predicted tides is 0.2m (1 SIGMA).