CORPS OF ENGINEERS

U.S. ARMY

WASHINGTON

OREGON

Magnetic North:
15° 56' E,
changing by -0° 9' W each year

VICINITY MAP

WASHINGTON

OREGON

VANCOUVER

PORTLAND

Pacific Ocean

Columbia River

Cottonwood Point

Reed Island

Gary Island

Flag Island

Chatham Island

Sandy River

TEMP

Washougal Lower Range Front Light

Washougal Lower Range Rear Light

1002-07

Ough Reef Buoy 49

STAFF GAGE

1002-31

1002-06

Washougal Light 50

Washougal Buoy 48

Gary Island Dike Light 52

STAFF GAGE

Gary Island Dike Daybeacon 54

Washougal Upper Range and Reed Island Range Front Lights

Reed Island Range Rear Light

Washougal Upper Range Rear Light

Lady Island Shoal Buoy 46

SUBMARINE PIPELINE CROSSING AREA

WASHINGTON CHANNEL

ORE 124.80

ORE 124.85

FLOW

705,000

7,725,000

7,730,000

700,000

7,735,000

695,000

7,720,000

7,715,000

690,000

7,730,000

NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Oregon North Zone. Distance units in U.S. Survey Feet.

Vertical Datum:
Soundings are shown in feet and indicate depths below Columbia River Datum. CRD is 7.02 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 121.7, 7.31 feet above at River Mile 123.8.

River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, July 1972.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

** Shoalest Sounding per Quarter per Reach

STAFF GAGE AT WASHOUGAL: Northing: 702119 Easting: 7721366
STAFF GAGE AT LIGHT 52: Northing: 695724 Easting: 7728974

CONDITION [X] PREDREDGE [ ] POSTDREDGE [ ]

THE EXISTING PROJECT

Provides for a channel *27 feet deep and 300 feet wide from the Interstate Bridge at Columbia river mile 106.5 to the port terminal facilities at The Dalles at river mile 189.7.

*The 27 foot channel is presently maintained at 17 feet.

LEGEND

- Federal Navigation Channel
- Federal Navigation Channel Centerline
- Pipeline, Submarine On Land Line
- Cable, Overhead
- Cable, Submarine
- Pipeline, Overhead
- Anchorage Area
- Dredged Material Placement Area
- Cable Area
- Pipeline Area
- Shoaling Area
- Buoy, Lateral
- Buoy, Cardinal
- Buoy, Isolated Danger
- Buoy, Safe Water
- Buoy, Special Purpose
- Beacon, General
- Contour Lines
- Benchmark
- Pylon Bridge Support
- Rock
- Obstruction Point
- Wreck-Submerged
- Staff Gage
- Recording Gage
- Shoalest Sounding**

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18531

COLUMBIA RIVER BETWEEN VANCOUVER, WASH. AND THE DALLES, OREG.

COLUMBIA RIVER

WASHOUGAL RANGES

08 August 2016

SCALE IN FEET

0 500 1,000 1,500 2,000 2,500

SUBMITTED: APPROVED:

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED:

CHIEF, SURVEY SECTION

SURVEYED: PLOTTED: CHECKED:

CL_34_WSH_20160808_CS