

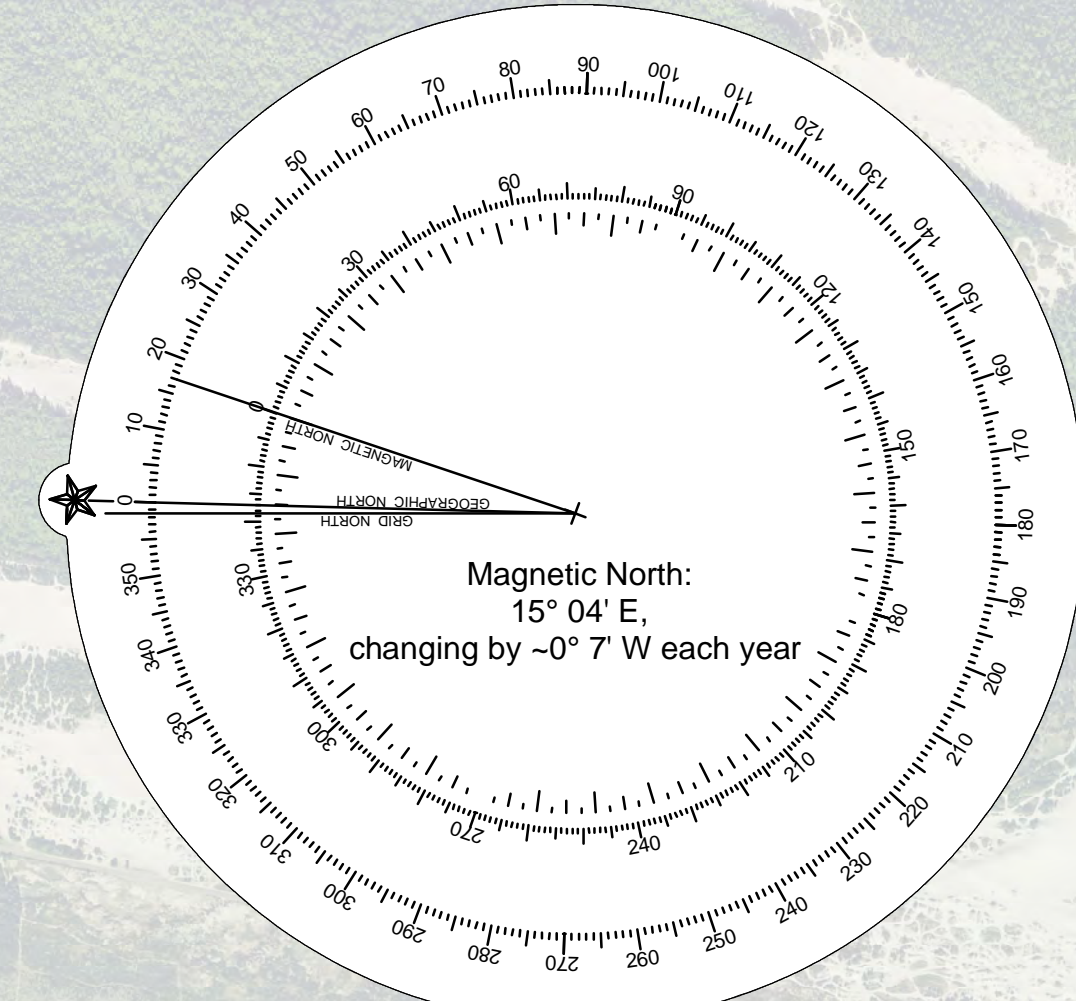
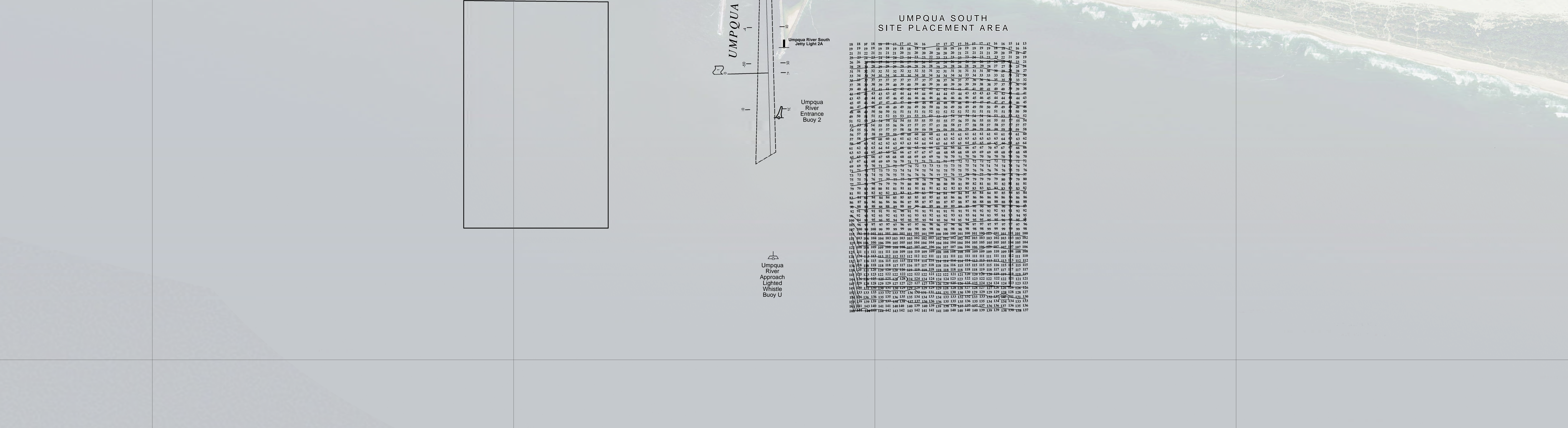


3,939,000

3,929,000

3,939,000

3,929,000



NOTES:
 Horizontal Coordinate System:
 North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Oregon South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Lower Low Water 1983-2001. MLLW is 0.51 feet below the North American Vertical Datum (NAVD 88) at Crab Dock.
 River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, June 1968.
 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 channel conditions existing at that time and is in support of channel maintenance only.
 ** Shoalest Sounding per Quarter per Reach
 STAFF GAGE AT CRAB DOCK: Northing: 755781 Easting: 3944891

LEGEND

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

Imagery: © 2010 ESRI, USDA, NASA, i-cubed Reference is Navigation Chart No. 18584

CONDITION PREDREDGE POSTDREDGE

PACIFIC
OCEAN

UMPQUA RIVER, OREGON
DISPOSAL SITES
 09 July 2024
 SCALE IN FEET
 0 1,000 2,000 3,000 4,000 5,000
 SUBMITTED: _____ APPROVED: _____
 RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION
 CHIEF, SURVEY SECTION _____ SURVEYED: _____ PLOTTED: _____ CHECKED: _____
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