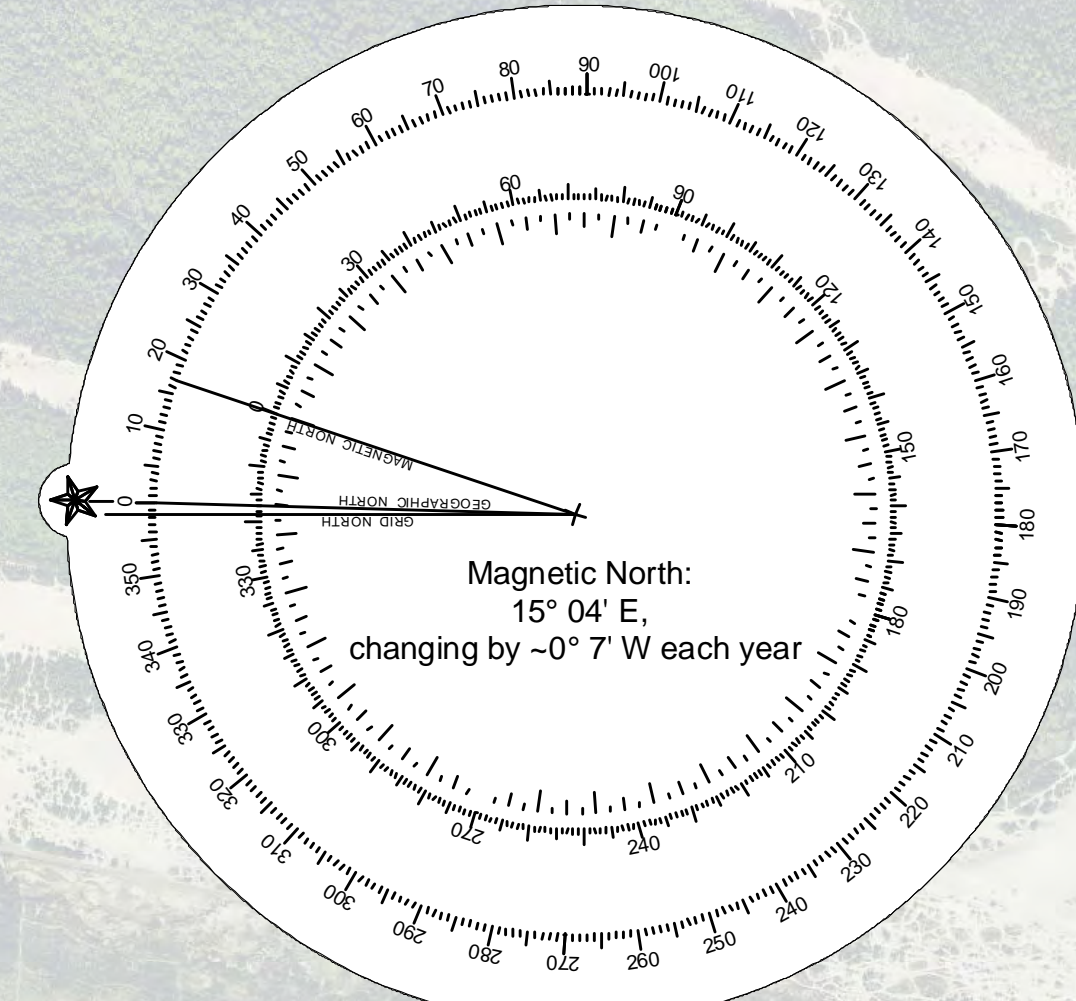


O R E G O N

UMPQUA NORTH SITE PLACEMENT AREA

UMPQUA SOUTH SITE PLACEMENT AREA

46	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
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137	137	136	135	134	133	132	131	130	129	128	127	126	125	124	123	122	121	120	119	118	117	116	
139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	



**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 (1985-2011). 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		Benchmark
	Federal Navigation Channel Centerline		Pylon Bridge Support
	Pipeline, Submarine On Land Line		Rock
	Cable, Overhead		Obstruction Point
	Cable, Submarine		Wreck-Submerged
	Pipeline, Overhead		Staff Gage
	Anchorage Area		Recording Gage
	Dredged Material Placement Area		Shoalest Sounding**
	Cable Area		
	Pipeline Area		
	Shoaling Area		
	Buoy, Lateral		
	Buoy, Cardinal		
	Buoy, Isolated Danger		
	Buoy, Safe Water		
	Buoy, Special Purpose		
	Beacon, General		
	Contour Lines		

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

CONDITION     PREDREDGE     POSTDREDGE

P A C I F I C  
O C E A N

**UMPQUA RIVER, OREGON**  
**DISPOSAL SITES**  
 17 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: \_\_\_\_\_  
 UM\_00\_UMN\_20240717\_PA