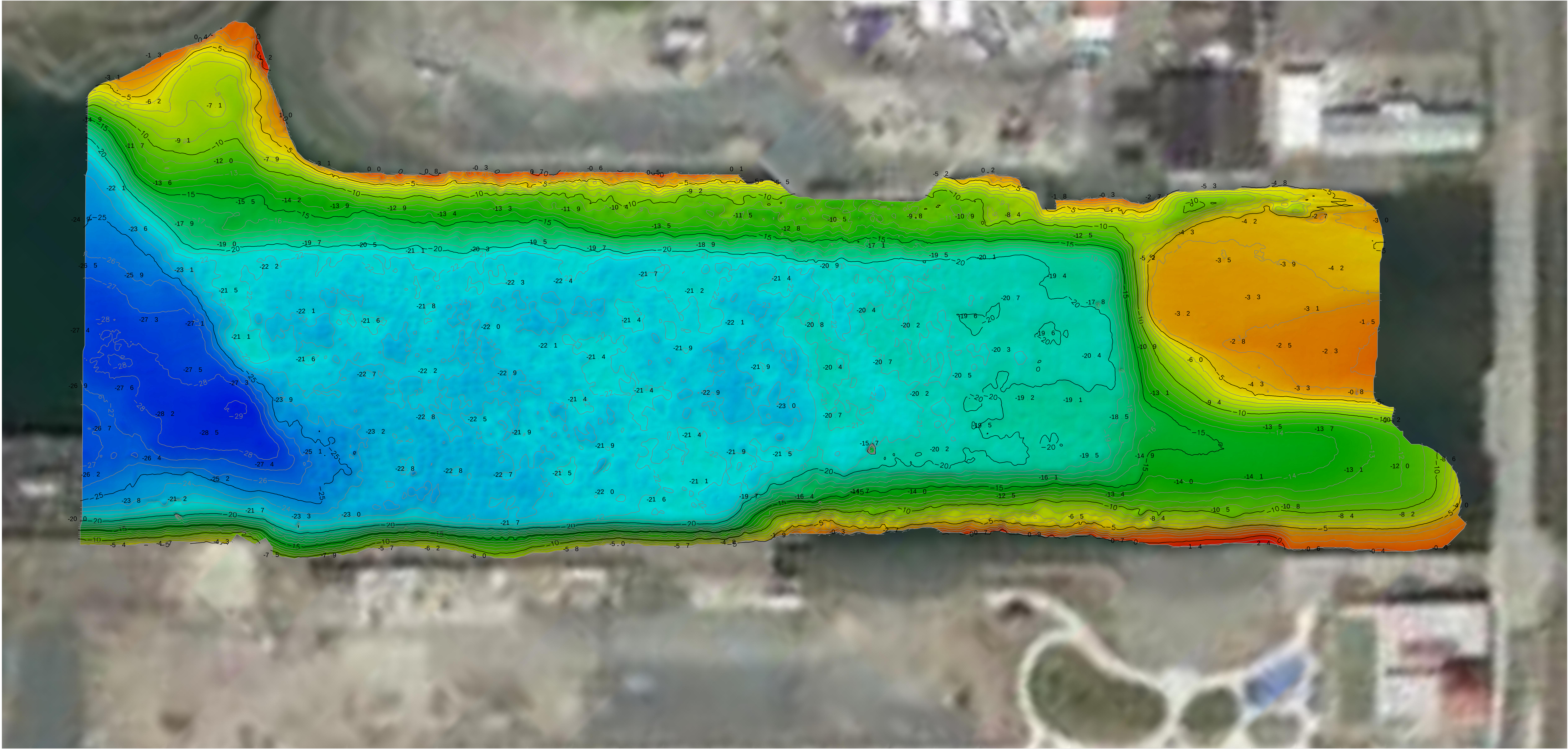


PORT OF BELLINGHAM
WHATCOM WATERWAY PHASE 1 CLEANUP
YEAR 5 MONITORING BATHYMETRIC SURVEY
BELLINGHAM BAY, PUGET SOUND, WASHINGTON
DATA COLLECTED: MAY 25, 2021 & MAY 30, 2021
DRAWING DATE: JUNE 30, 2021



NOTES:
1. HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983, STATE PLANE COORDINATES, WASHINGTON NORTH ZONE. COORDINATES BASED UPON PROJECT MONUMENTS SUPPLIED BY WILSON ENGINEERING.
2. UNITS: U.S. SURVEY FEET
3. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW). ELEVATIONS ARE IN FEET AND ARE BASED ON PROJECT MONUMENTS PROVIDED BY WILSON ENGINEERING.
4. CONTOUR INTERVAL: 1 FOOT.
5. ALL HORIZONTAL POSITIONING AND VESSEL ATTITUDE WAS PROVIDED IN REAL TIME USING AN APPLANIX POS-MV RTK GPS AIDED INERTIAL SENSOR.
6. SOUNDINGS WERE COLLECTED USING A R2SONIC 2022 MULTIBEAM SONAR OPERATING AT 400 KHZ. DATA PROCESSING WAS COMPLETED USING HYPACK HYWEED SOFTWARE.
7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE GENERAL CONDITION OF THE SEABED AT THE TIME OF THE SURVEY. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.
8. ALL BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM-112-02-1003 (NOVEMBER 2013)

PROJECT SURVEY CONTROL (WILSON ENGINEERING)			
POINT NO	NORTHING	EASTING	ELEV. (MLLW)
COB 5603	641091.56	1240489.93	14.29
COB 1860	643845.13	1241719.80	19.45
COB 5588	643391.02	1242172.02	19.44



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