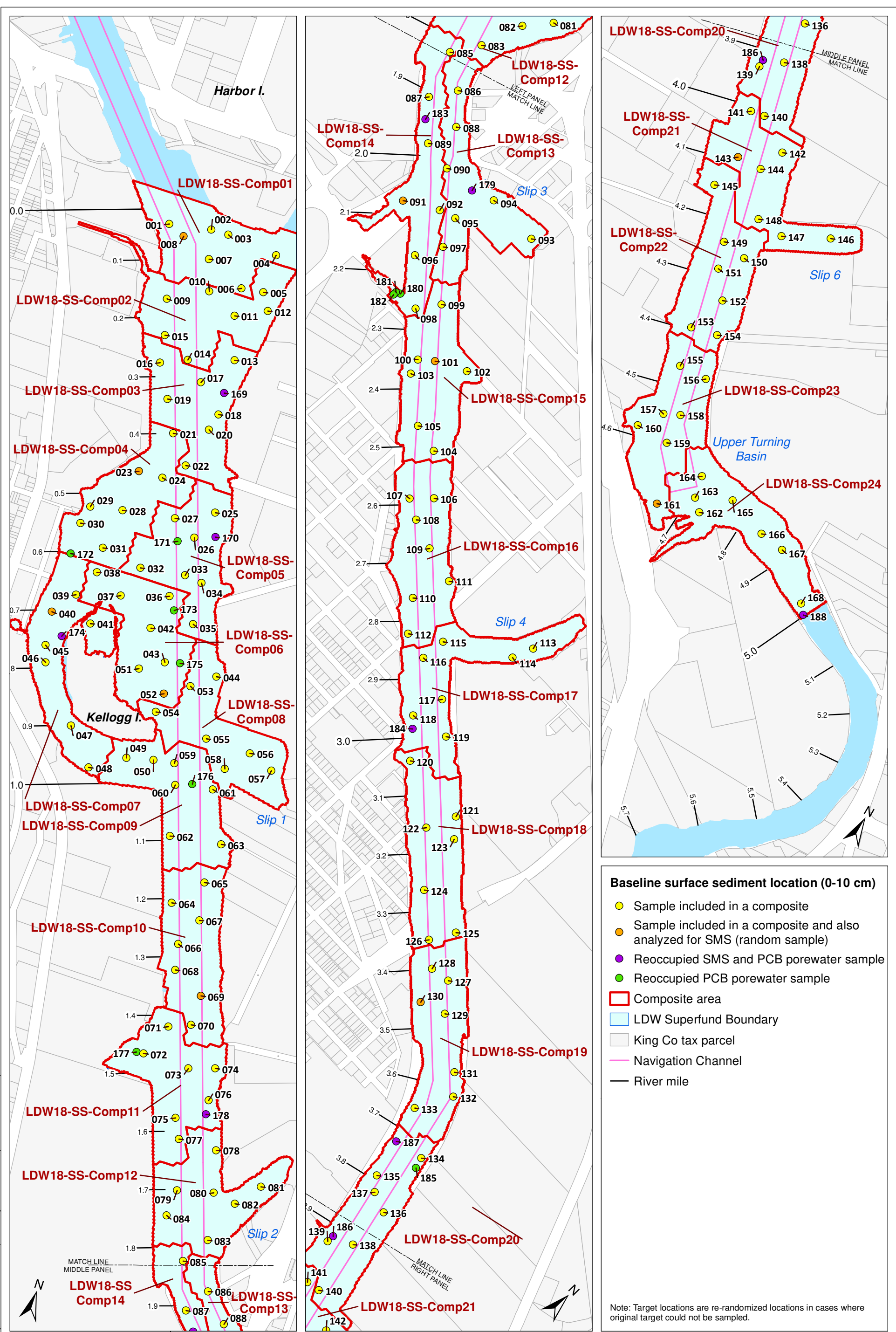


Prepared by craigh_12/18/2018: W:\Projects\Duwamish_AOC3 GIS\Maps and Analyses\Task 05 Data Reports\Surface Sediment\Map 2-1 0-10 cm All surf sed.mxd

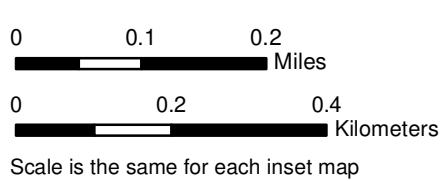


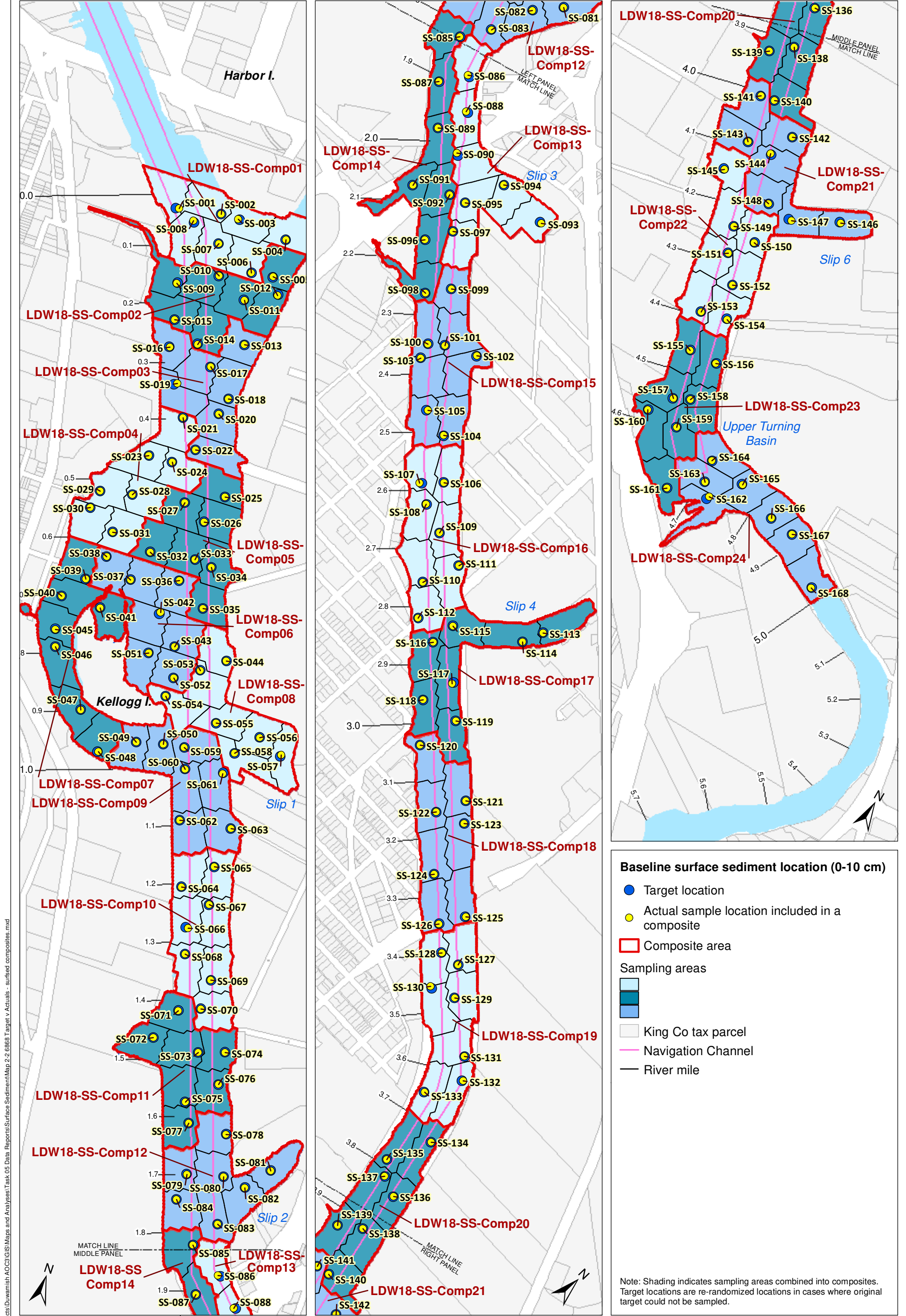
Baseline surface sediment location (0-10 cm)

- Sample included in a composite
- Sample included in a composite and also analyzed for SMS (random sample)
- Reoccupied SMS and PCB porewater sample
- Reoccupied PCB porewater sample
- Composite area
- LDW Superfund Boundary
- King Co tax parcel
- Navigation Channel
- River mile

Note: Target locations are re-randomized locations in cases where original target could not be sampled.

Map 2-1. 0-10-cm surface sediment sample locations

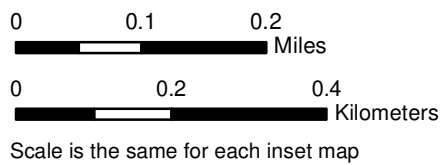




Prepared by craigh_1/9/2019; W:\Projects\Duwamish_AOC3\GIS\Maps and Analyses\Task 05 Data Reports\Surface Sediment\Map 2-2 6868 Target v Actuals - surf sed composites.mxd



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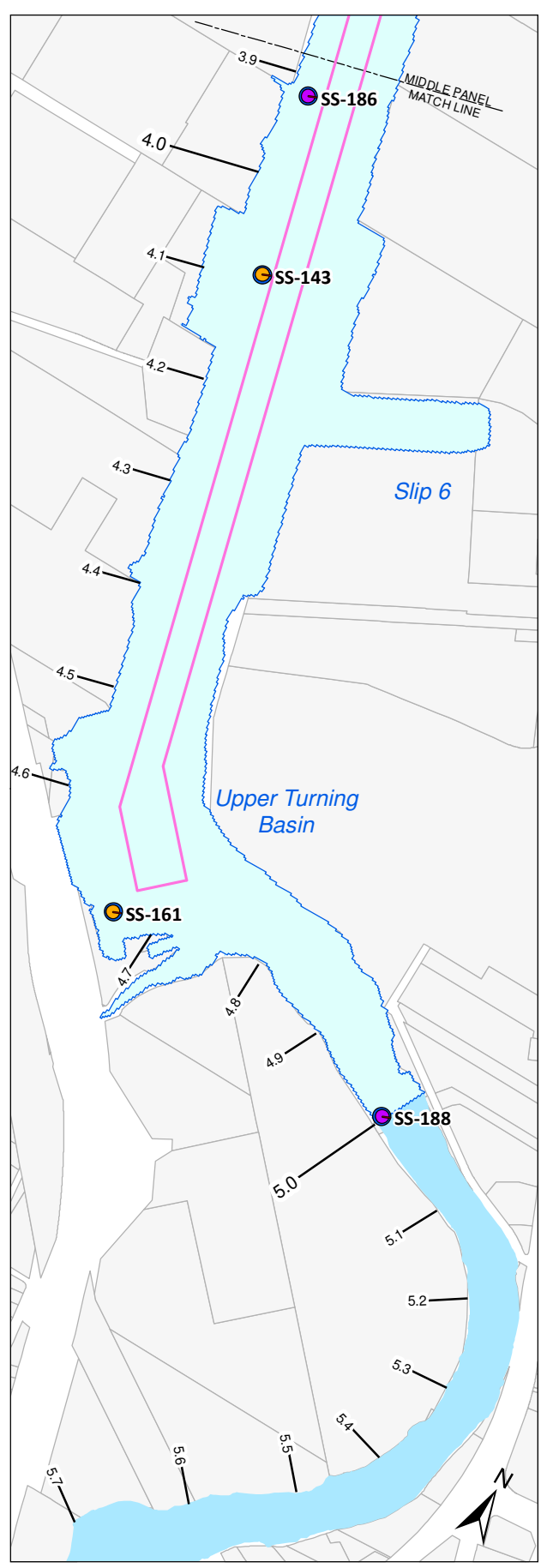
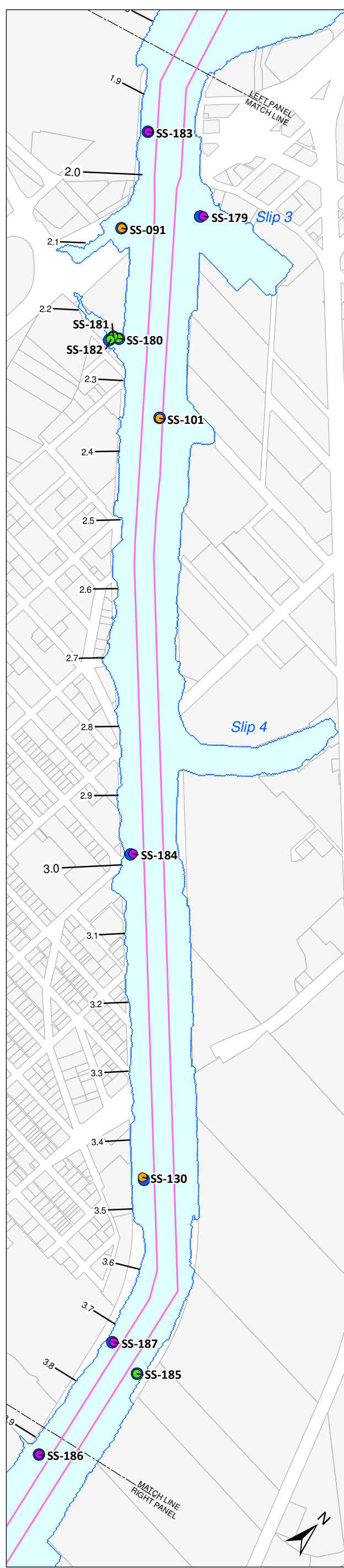
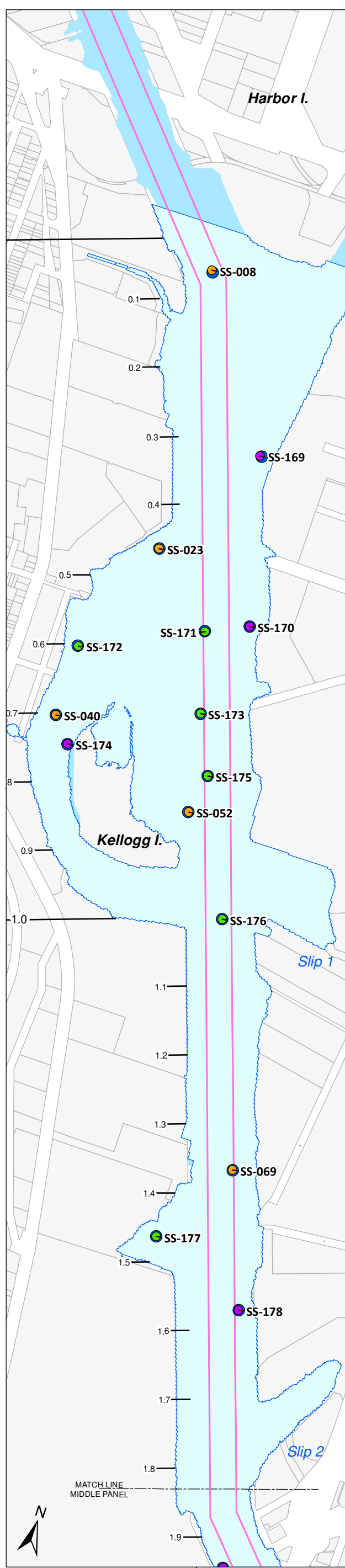


- Baseline surface sediment location (0-10 cm)**
- Target location
 - Actual sample location included in a composite
 - Composite area
- Sampling areas**
- King Co tax parcel
 - Navigation Channel
 - River mile

Note: Shading indicates sampling areas combined into composites. Target locations are re-randomized locations in cases where original target could not be sampled.

Map 2-2. Target and actual locations for surface sediment composite samples

Prepared by craigh_12/18/2018: W:\Projects\Duwamish AOC3 GIS\Maps and Analyses\Task.05 Data Reports\Surface Sediment\Map 2-3 6868 Target v Actuals - surf sed SMS-PW.mxd

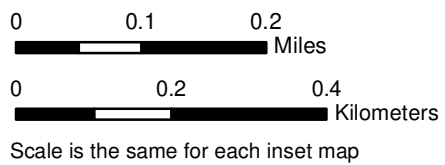


- Baseline surface sediment location (0-10 cm)**
- Target location
 - Actual random SMS sample
 - Actual reoccupied SMS and PCB porewater sample
 - Actual reoccupied PCB porewater sample
 - LDW Superfund Boundary
 - King Co tax parcel
 - Navigation Channel
 - River mile

Note: Target locations are re-randomized locations in cases where original target could not be sampled.

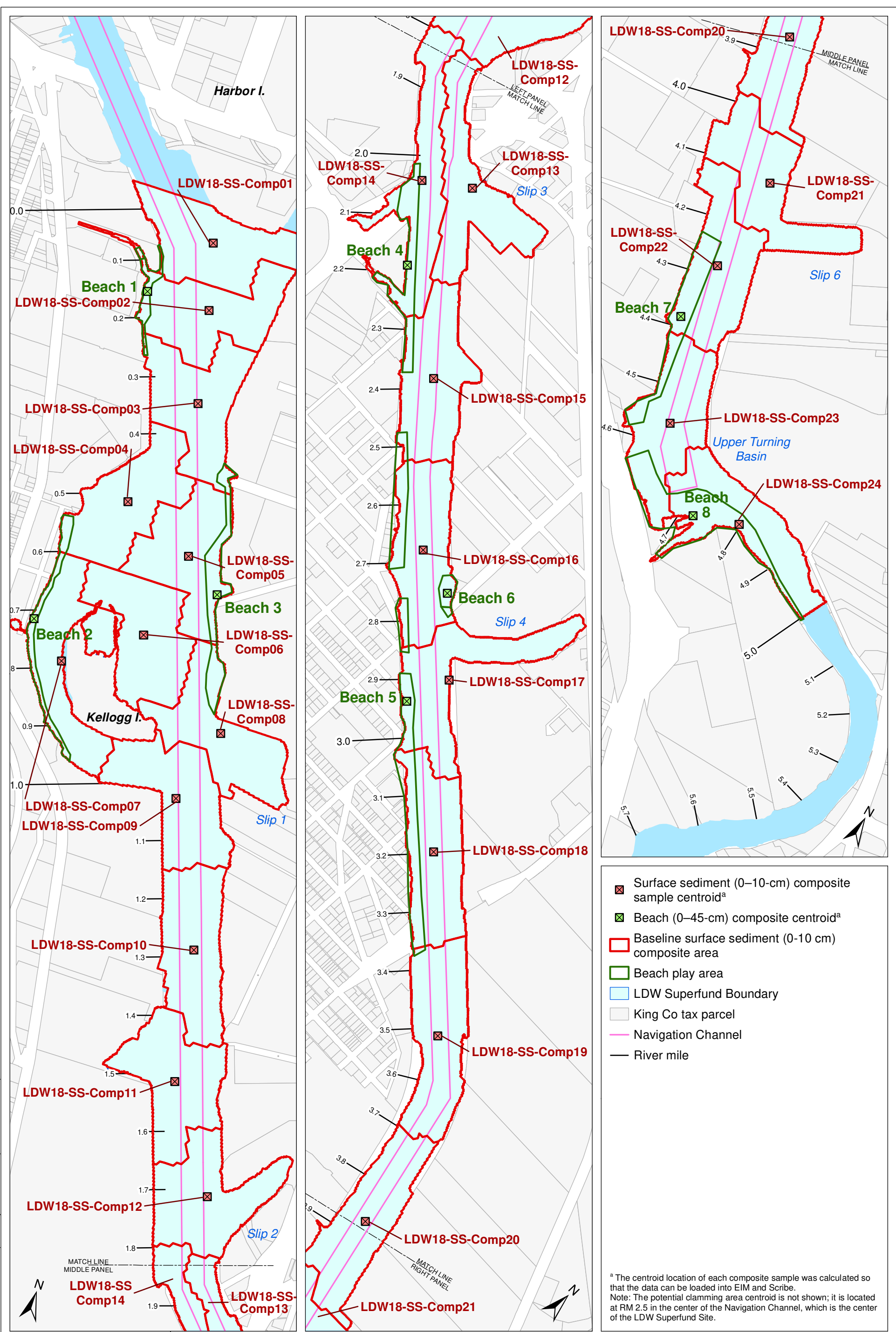


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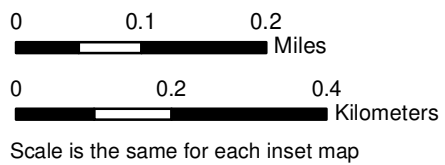


Map 2-3. Target and actual locations for SMS and PCB porewater sediment samples

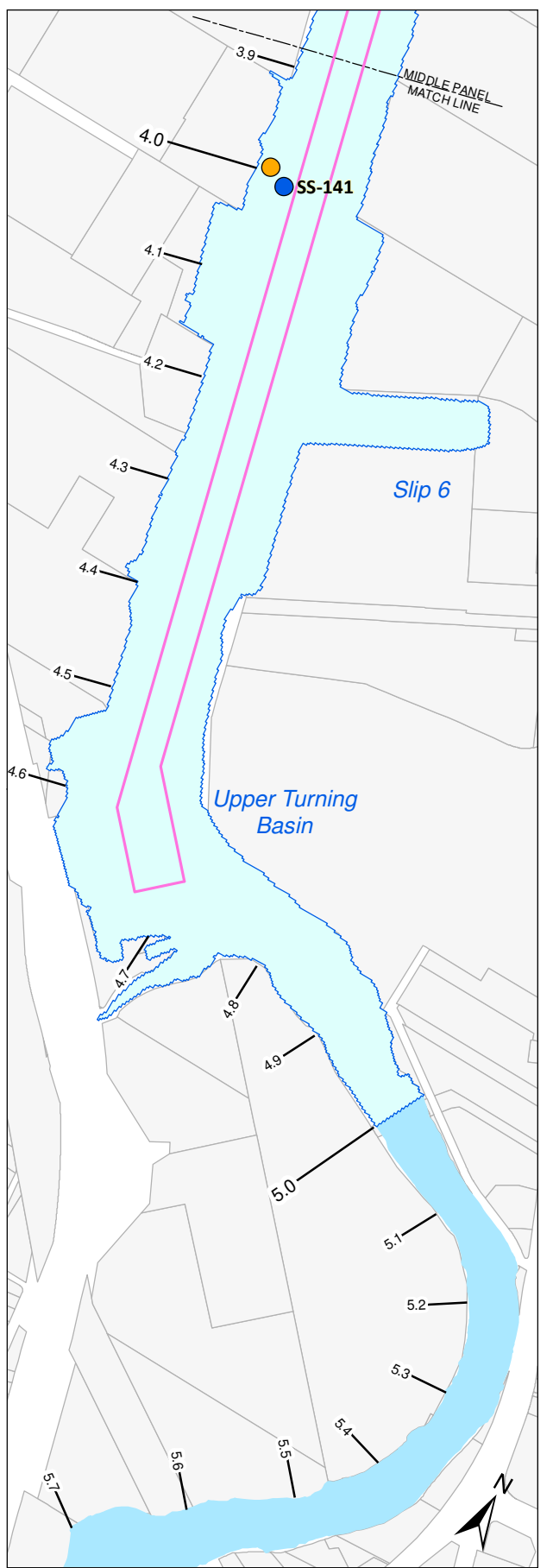
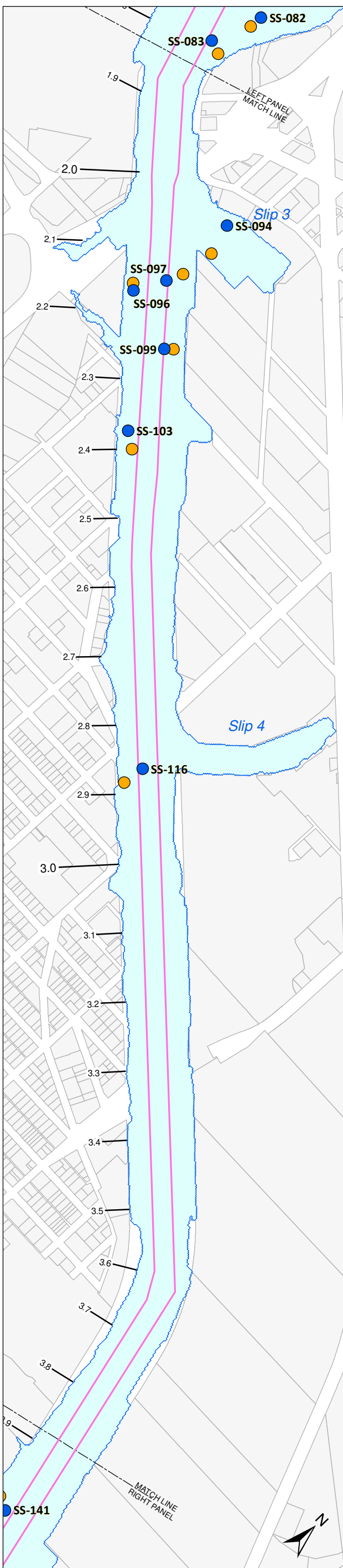
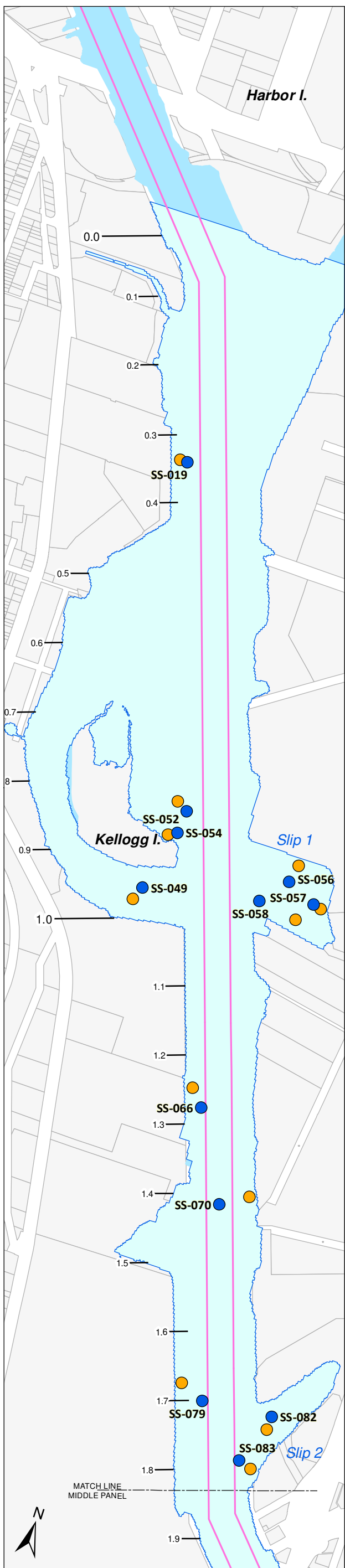
Prepared by craigh, 1/16/2019, W:\Projects\Duwamish ACOS\GIS\Maps and Analyses\Task 05 Data Reports\Surface Sediment\Map 2-4 6865 Surf sed centroids.mxd



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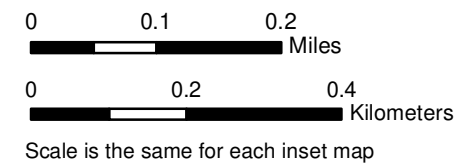


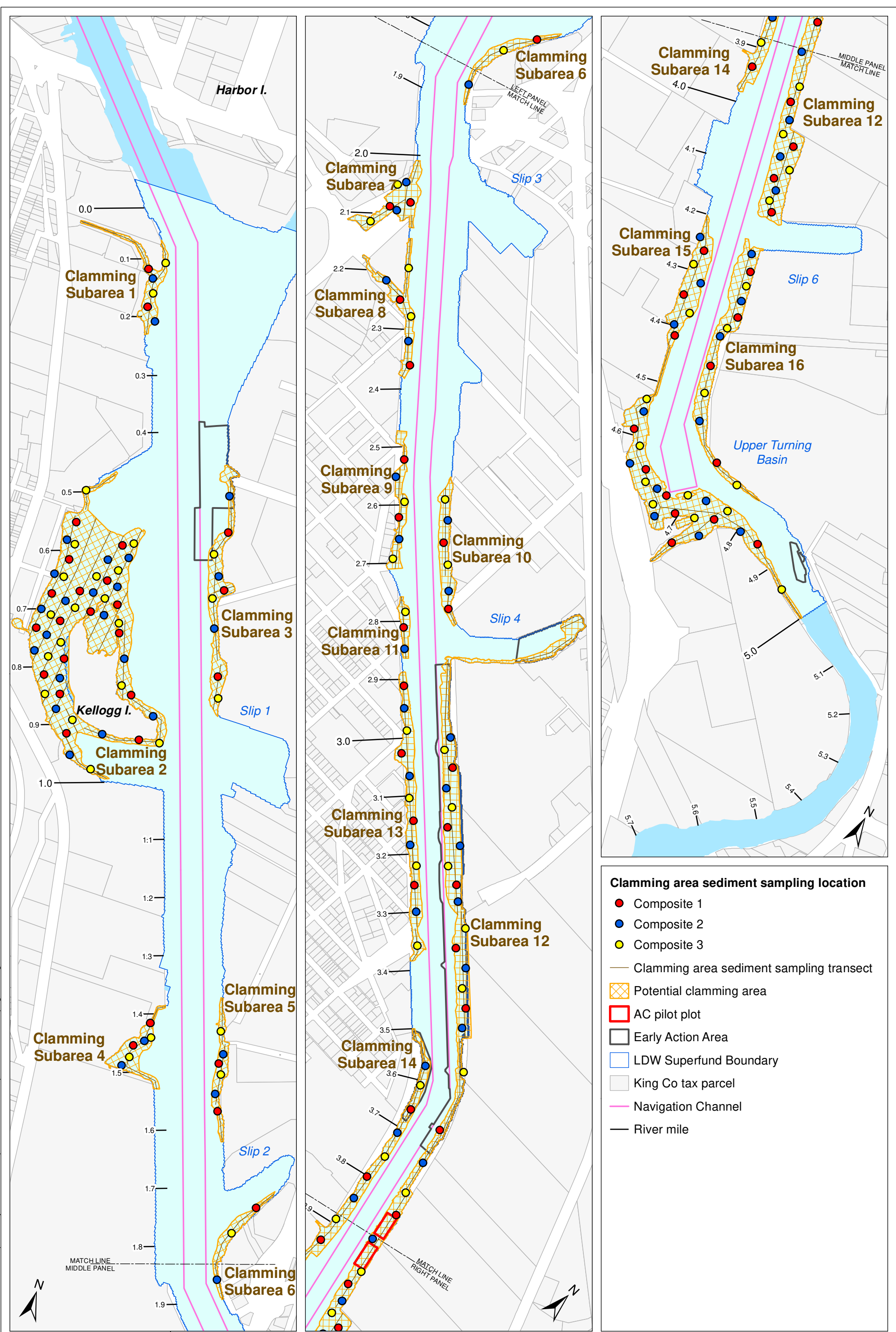
Map 2-4. Surface sediment composite and beach play composite centroid locations used for logging composite data results into EIM and Scribe databases



- Original random target location
- Revised random target location
- LDW Superfund Boundary
- King Co tax parcel
- Navigation Channel
- River mile

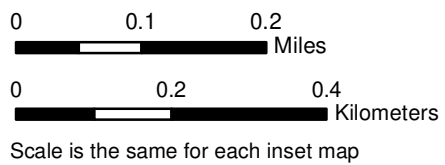
Note: Locations were re-randomized because of obstructions or if an acceptable sample could not be collected.



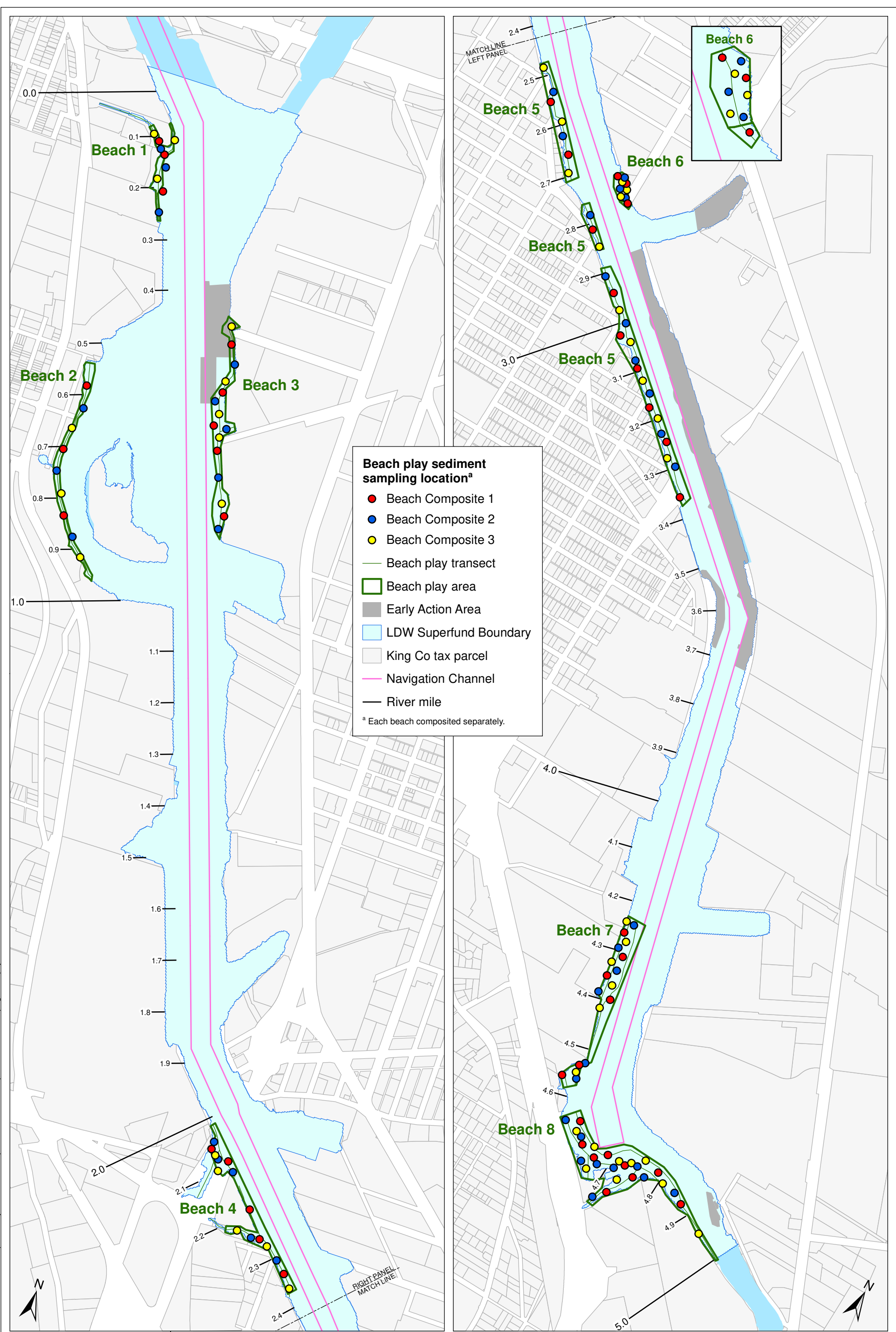


- Clamming area sediment sampling location**
- Composite 1
 - Composite 2
 - Composite 3
 - Clamming area sediment sampling transect
 - Potential clamming area
 - AC pilot plot
 - Early Action Area
 - LDW Superfund Boundary
 - King Co tax parcel
 - Navigation Channel
 - River mile

Map 2-6. Locations of 0-45-cm subsamples collected for the potential clamming area composite sediment samples



Prepared by craigh. 1/11/2019. W:\Projects\Duwamish ACCS\GIS\Maps and Analyses\Task 05 Data Reports\Surface Sediment\Map 2-7 6517 Interidal sampling - beach play areas.mxd



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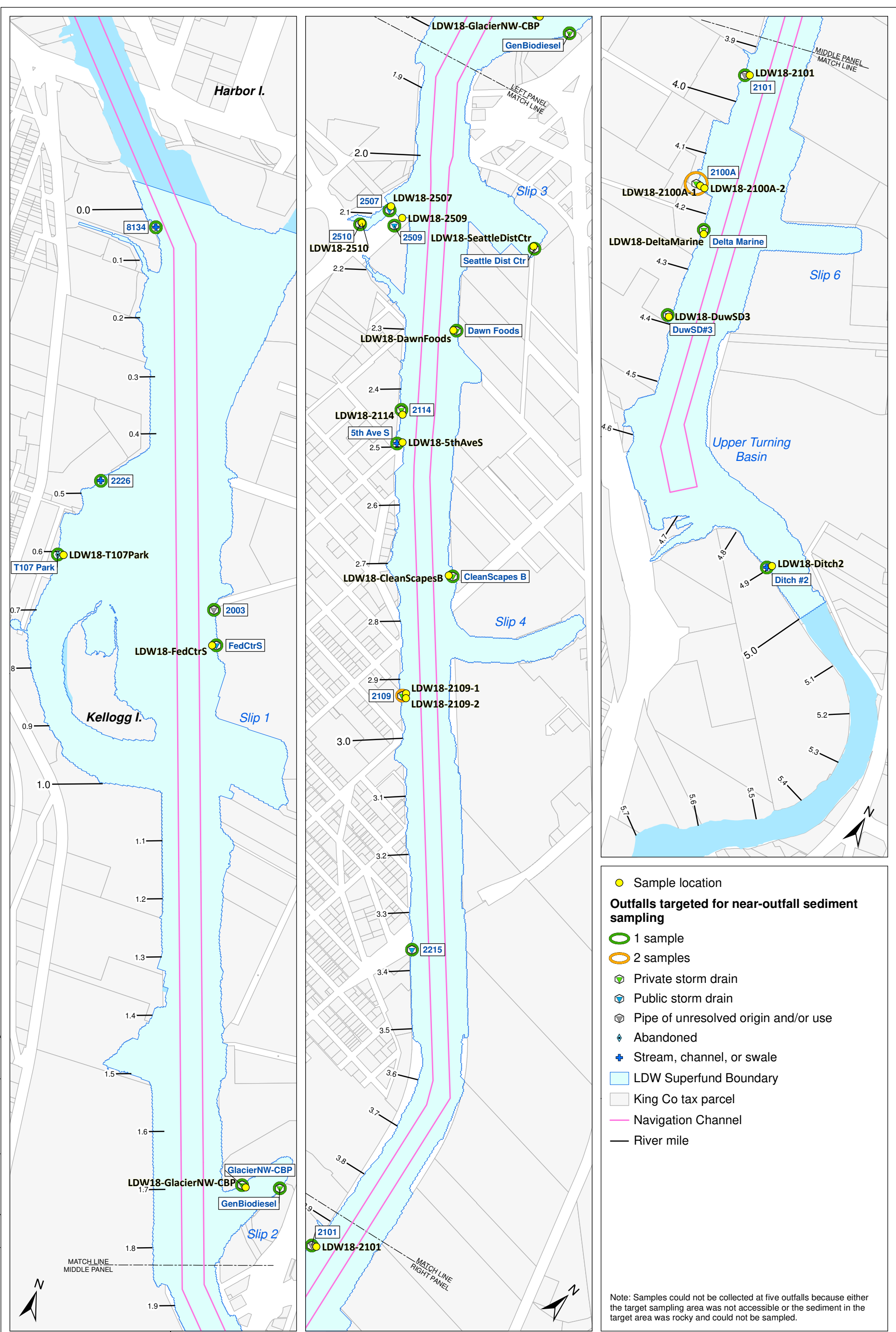
0 0.2 0.4 Miles

0 0.2 0.4 Kilometers

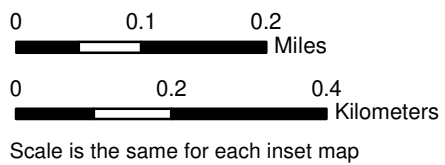
Scale is the same for each inset map

Map 2-7. Locations of 0-45-cm subsamples collected for the beach play area composite sediment samples

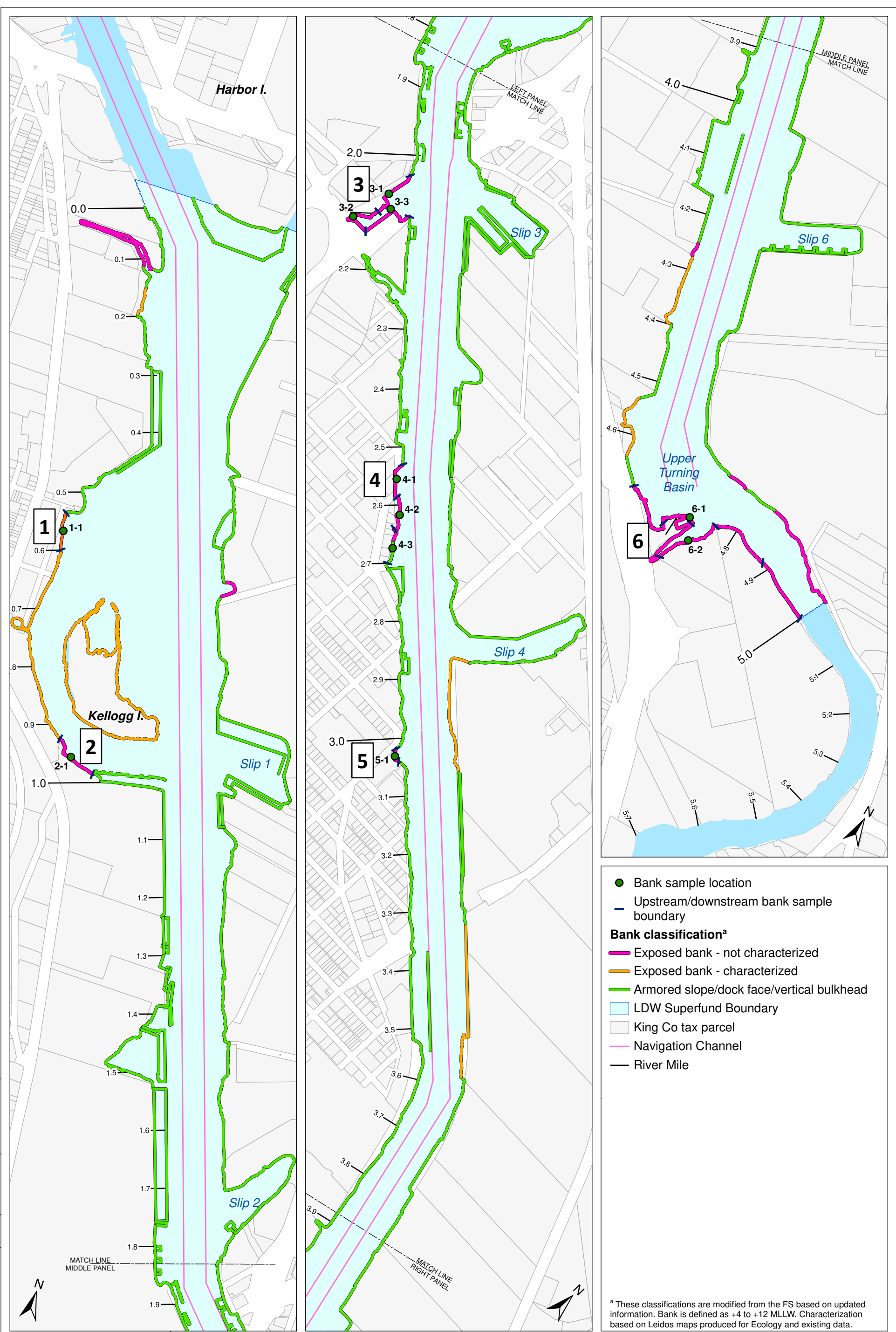
Prepared by craigh. 1/11/2019. W:\Projects\Duwamish ACCS\GIS\Maps and Analyses\Task 05 Data Reports\Surface Sediment\Map 2-8 6988 Target v Actuals - outfalls.mxd



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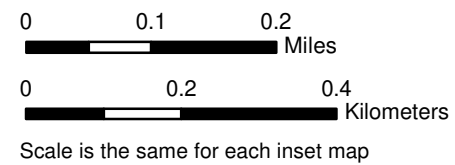


Map 2-8. Locations of near-outfall sediment samples



- Bank sample location
- Upstream/downstream bank sample boundary
- Bank classification^a**
- Exposed bank - not characterized
- Exposed bank - characterized
- Armored slope/dock face/vertical bulkhead
- LDW Superfund Boundary
- King Co tax parcel
- Navigation Channel
- River Mile

^a These classifications are modified from the FS based on updated information. Bank is defined as +4 to +12 MLLW. Characterization based on Leidos maps produced for Ecology and existing data.



Map 2-9. Bank sample locations
 LOWER DUWAMISH WATERWAY SURFACE SEDIMENT DATA REPORT