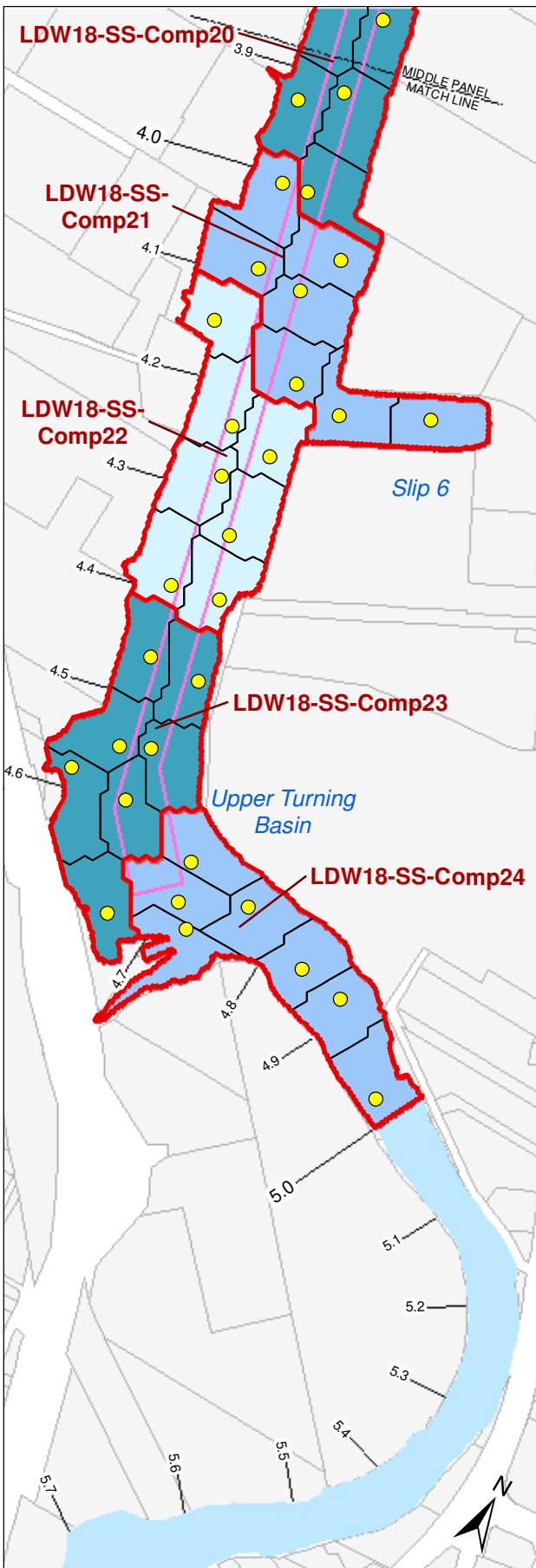
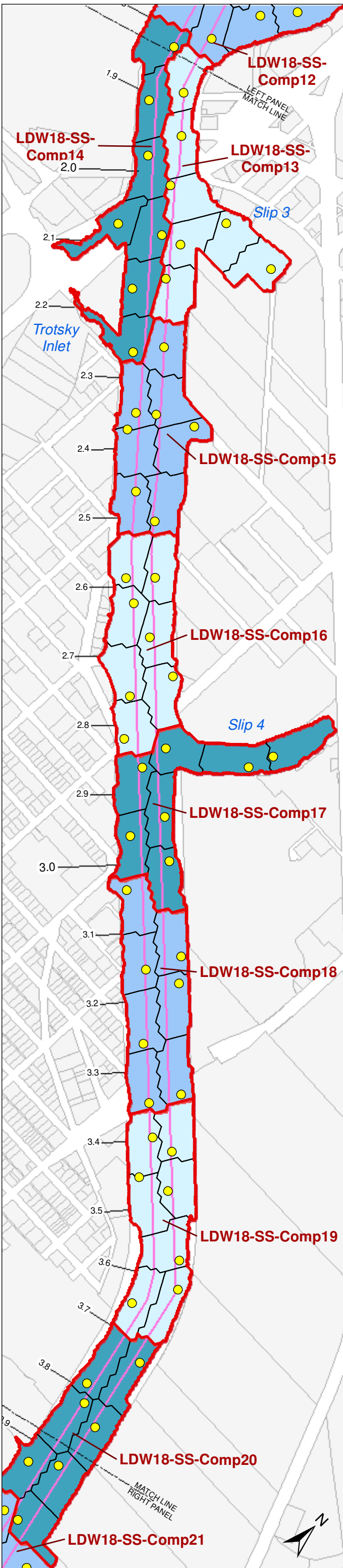
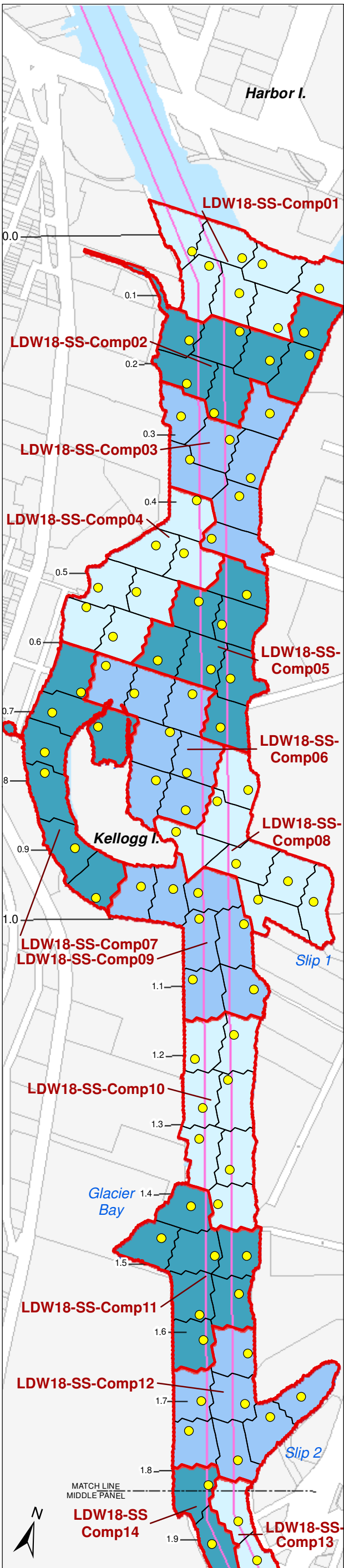


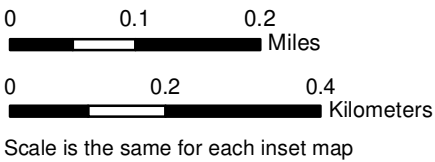
Prepared by craigh_12/13/2018: W:\Projects\Duwamish AOC3 GIS Maps and Analyses\Task 06 Data Evaluation Report\Map 2-01 6868 Surfaced composites.mxd



- Baseline surface sediment location (0-10 cm)**
- Sample location included in a composite
 - Composite area
- Sampling areas combined into composites
- Light blue box
 - Dark blue box
- Legend:
- King Co tax parcel (grey box)
 - Navigation Channel (pink line)
 - River mile (black line)

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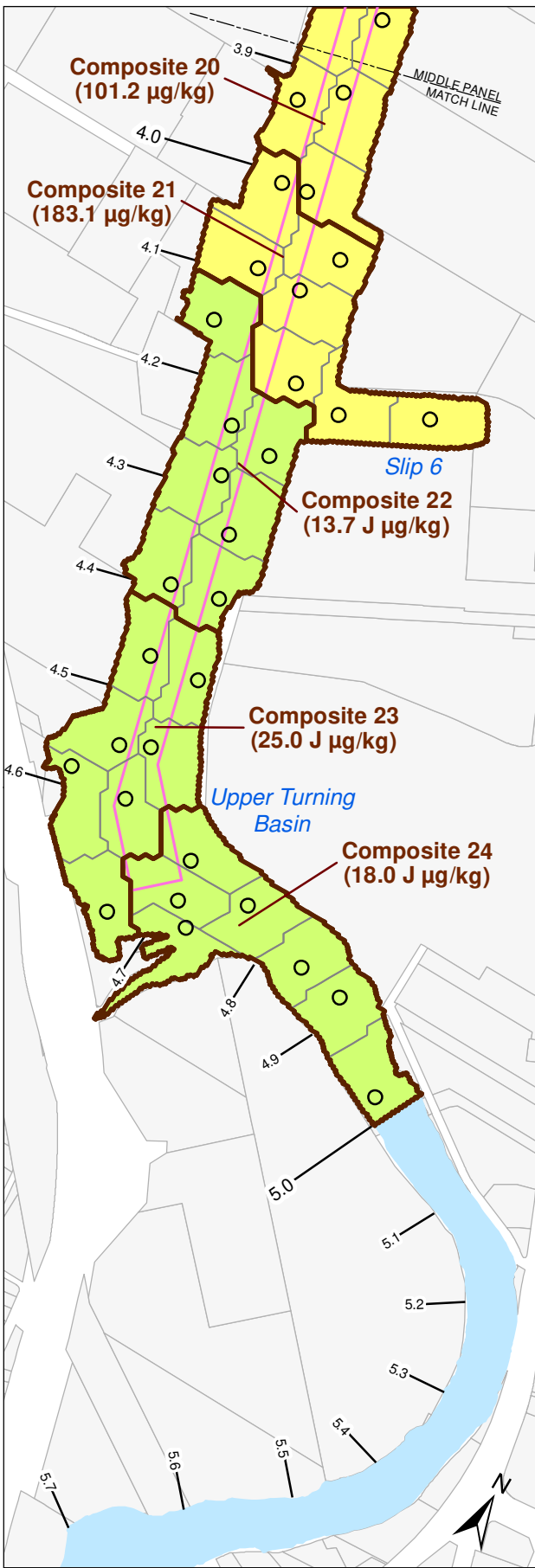
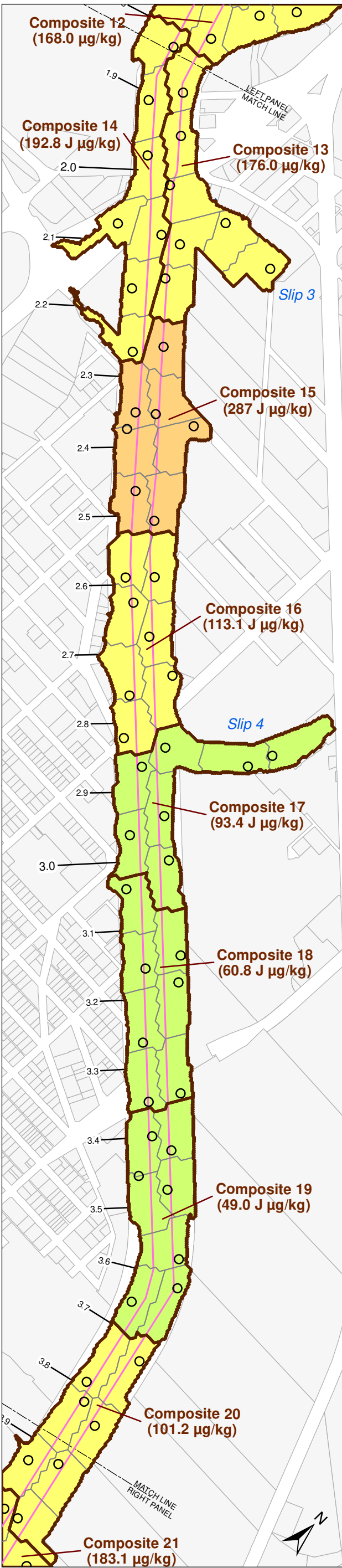
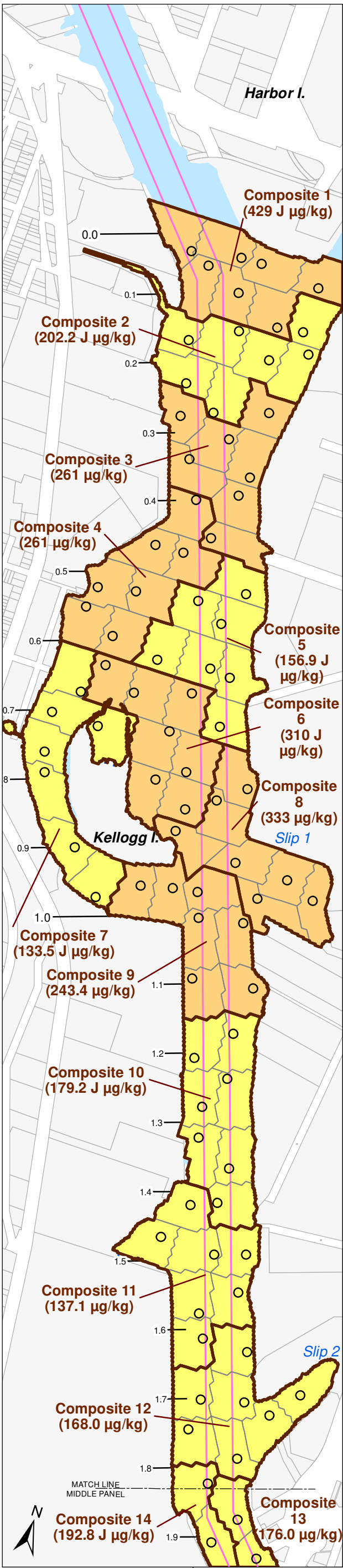


Map 2-1. Locations of baseline surface sediment composite samples

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Prepared by craigh_12/17/2018: W:\Projects\Duwamish AOC3 GIS Maps and Analyses\Task 06 Data Evaluation Report\Map 2-02 6949 Surface sediment compositing data - tPCB Aroclors.mxd



Total PCB Aroclors (µg/kg) in baseline surface sediment composite samples

- > 240
- > 100 and ≤ 240
- ≤ 100
- Sampling area
- Randomly located subsample for sediment composite samples
- King Co tax parcel
- Navigation Channel
- River mile

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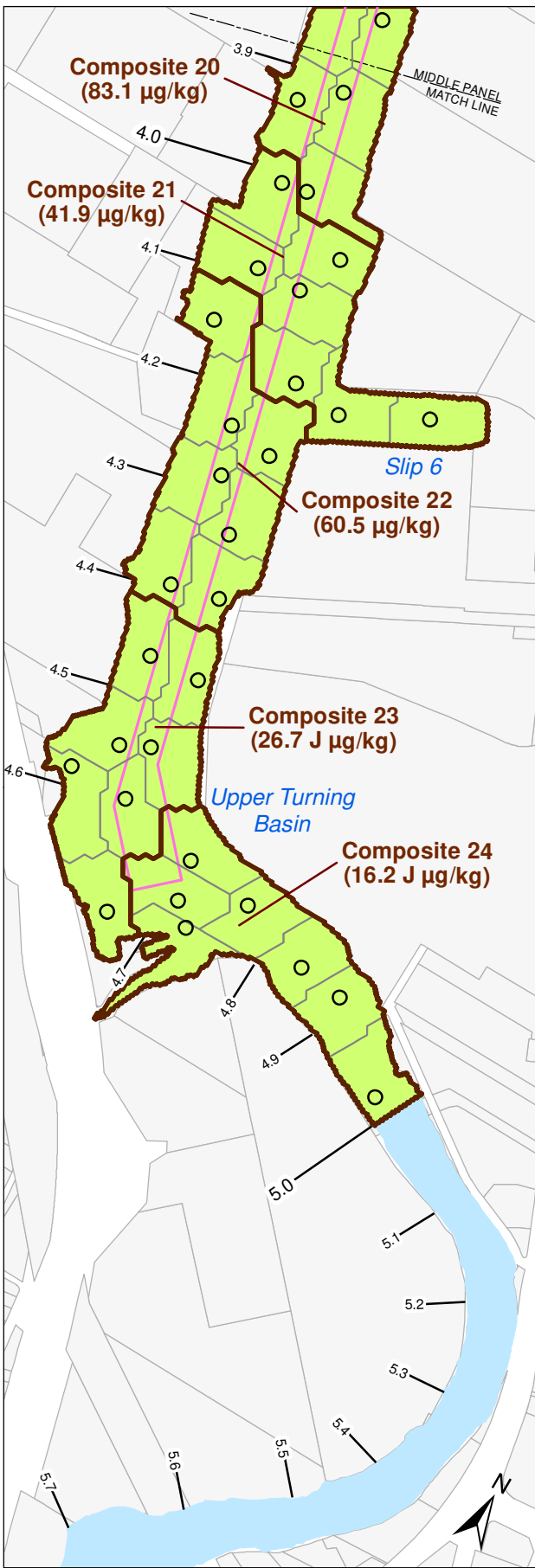
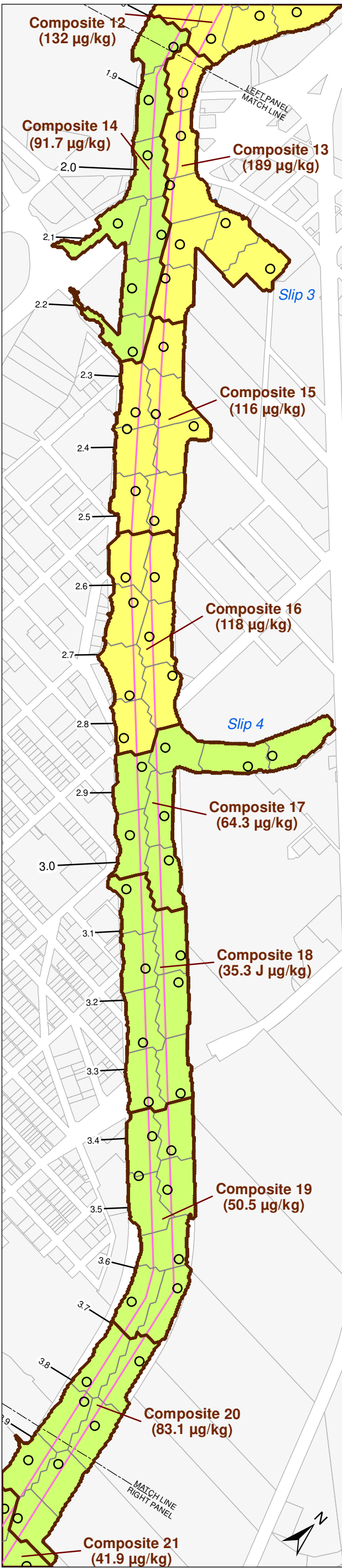
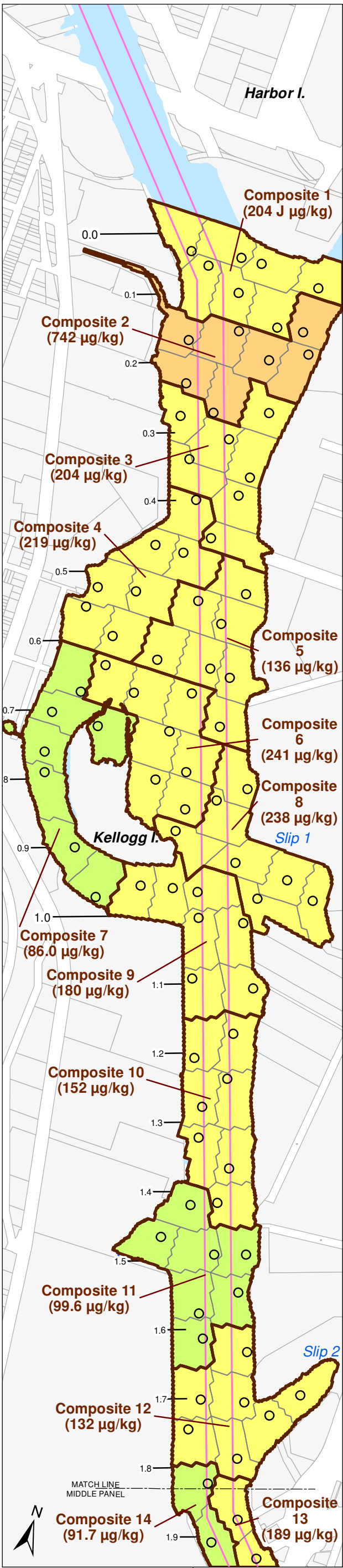
0 0.1 0.2 Miles
0 0.2 0.4 Kilometers
Scale is the same for each inset map

Map 2-2. Total PCB concentrations in Pre-Design Studies baseline surface sediment composite samples

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Prepared by craigh, 12/17/2018; W:\Projects\Duwamish AOC3\GIS\Maps and Analyses\Task 06 Data Evaluation Report\Map 2-03 6949 Surface sediment compositing data - cPAHs.mxd



cPAH TEQ (µg/kg) in baseline surface sediment composite samples

> 380

> 100 and ≤ 380

≤ 100

Sampling area

Randomly located subsample for sediment composite samples

King Co tax parcel

Navigation Channel

River mile

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0 0.1 0.2 Miles

0 0.2 0.4 Kilometers

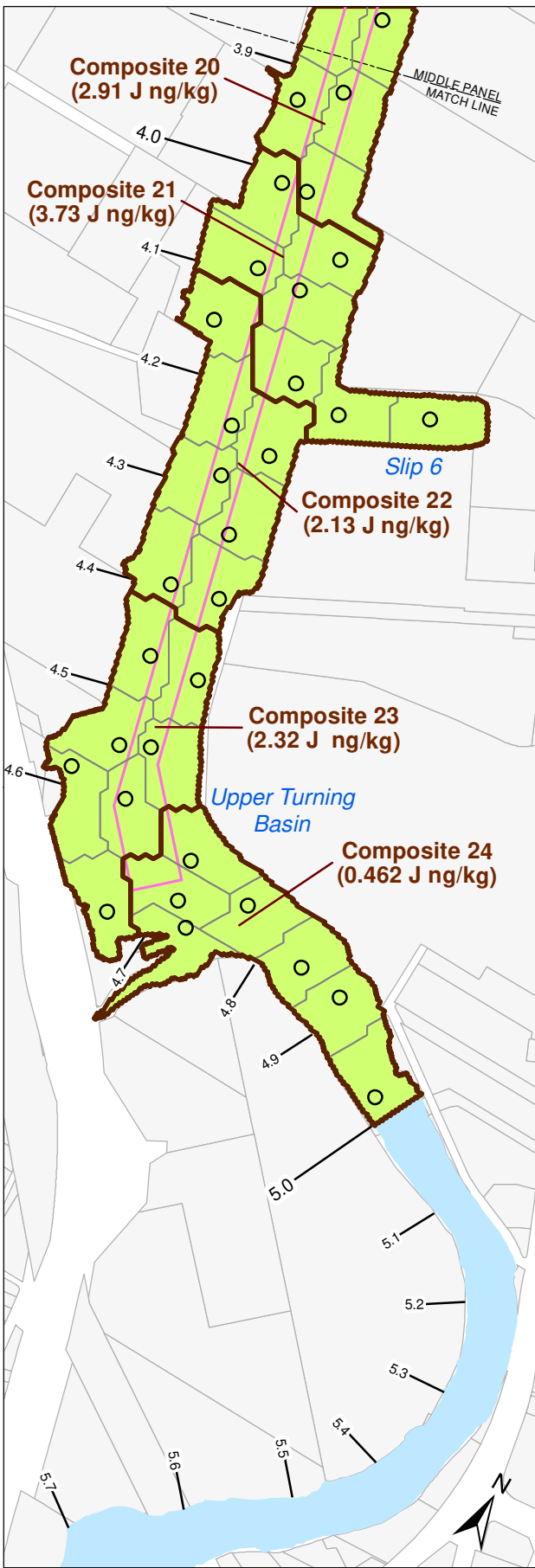
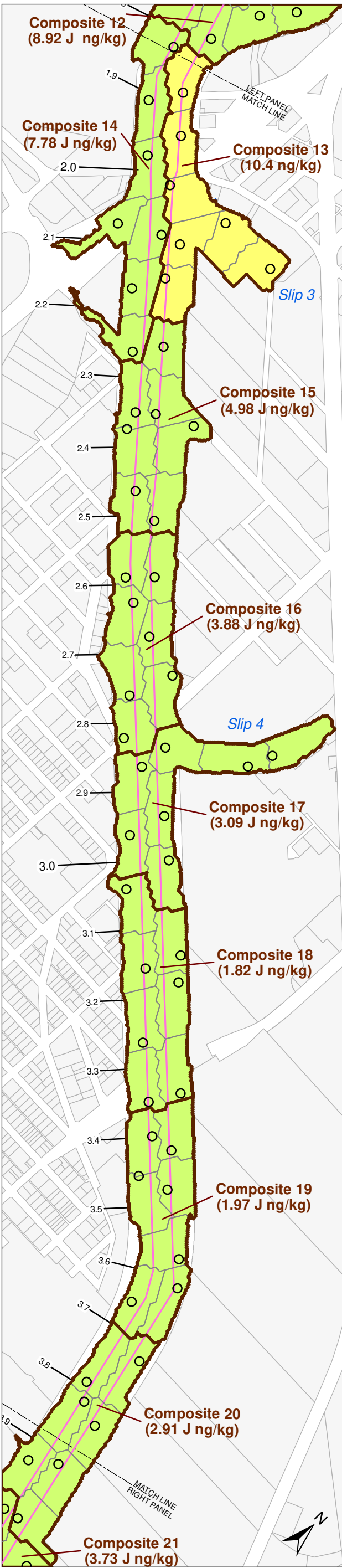
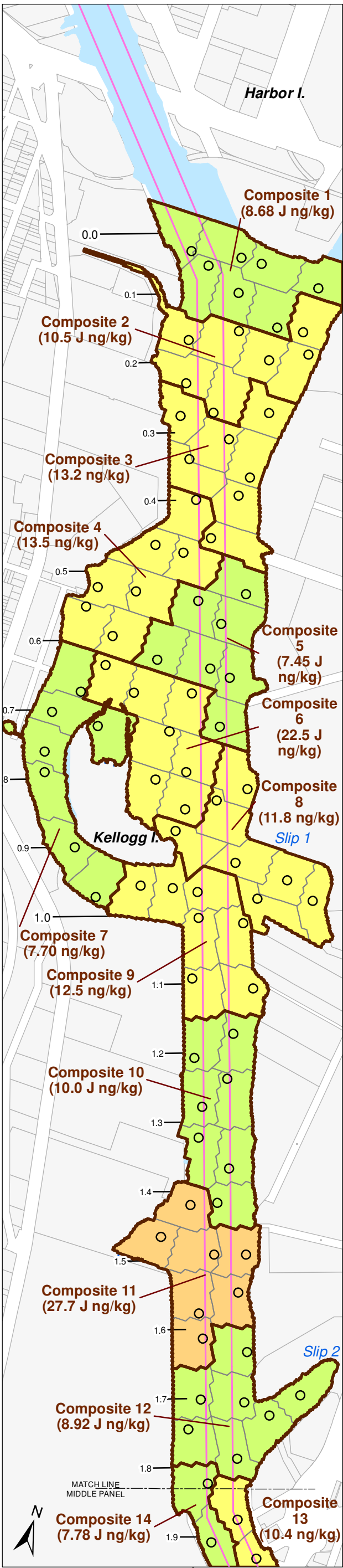
Scale is the same for each inset map

Map 2-3. cPAH TEQs in Pre-Design Studies baseline surface sediment composite samples

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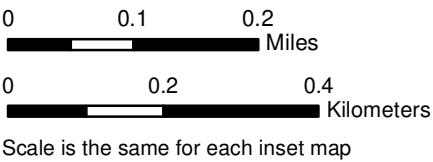
Prepared by craigh_12/17/2018: W:\Projects\Duwamish AOC3 GIS Maps and Analyses\Task 06 Data Evaluation Report\Map 2-04 6849 Surface sediment compositing data - DF.mxd



- Dioxin/furan TEQ (ng/kg) in baseline surface sediment composite samples**
- > 25
 - > 10 and ≤ 25
 - ≤ 10
 - Sampling area
 - Randomly located subsample for sediment composite samples
 - King Co tax parcel
 - Navigation Channel
 - River mile

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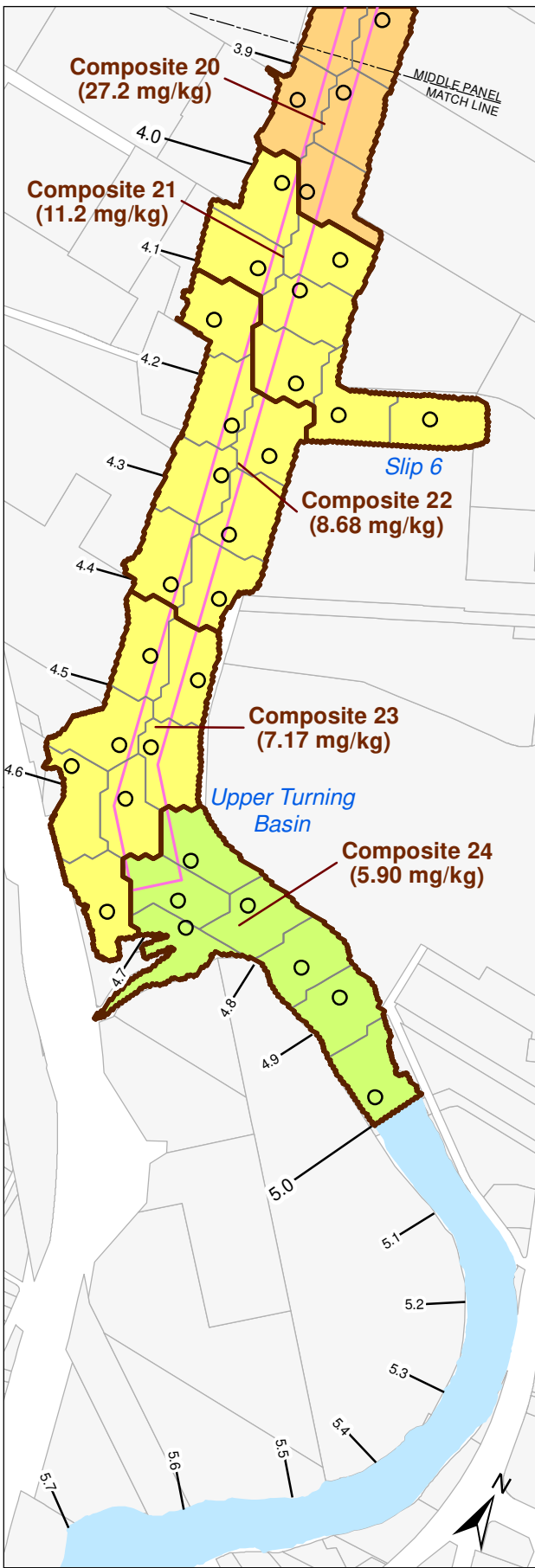
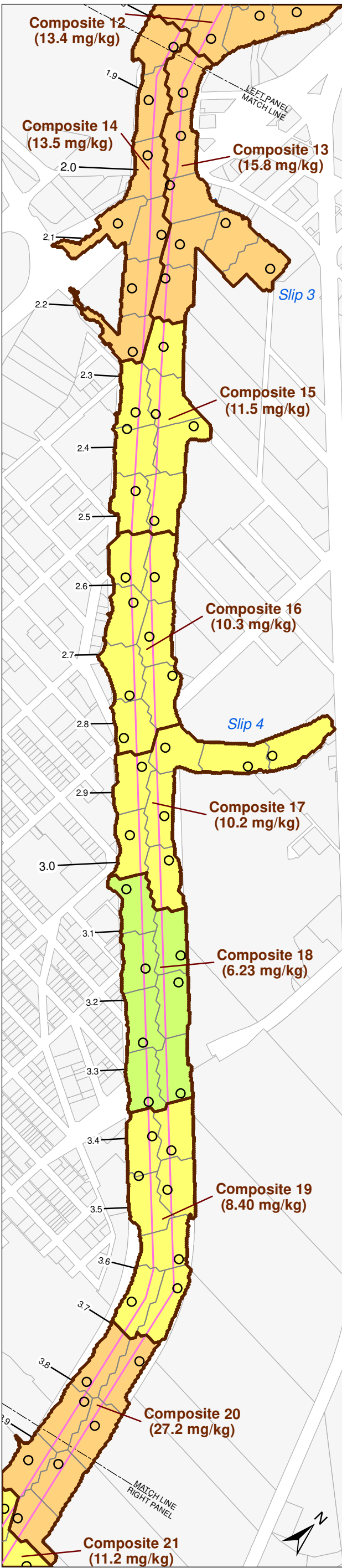
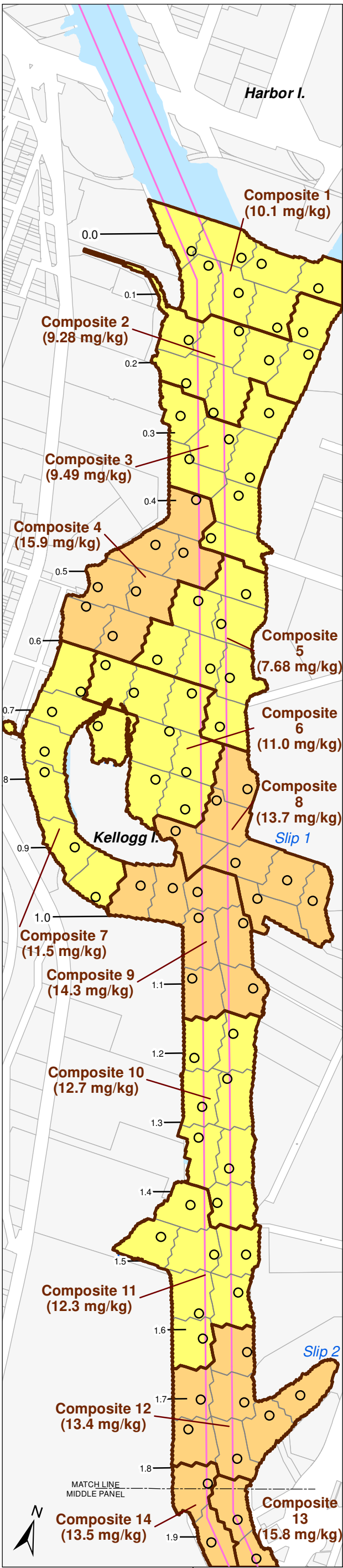
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Map 2-4. Dioxin/furan TEQs in Pre-Design Studies baseline surface sediment composite samples

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Arsenic (mg/kg) in baseline surface sediment composite samples

- > 13
- > 7 and ≤ 13
- ≤ 7
- Sampling area
- Randomly located subsample for sediment composite samples
- King Co tax parcel
- Navigation Channel
- River mile

Map 2-5. Arsenic concentrations in Pre-Design Studies baseline surface sediment composite samples

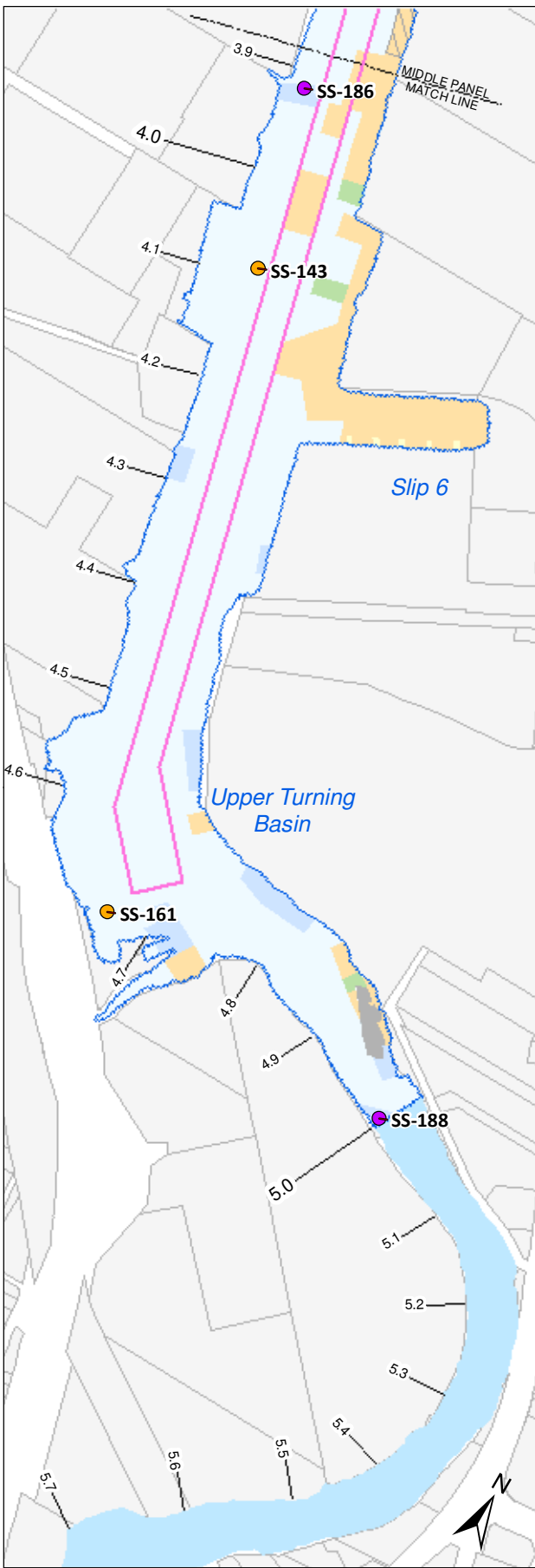
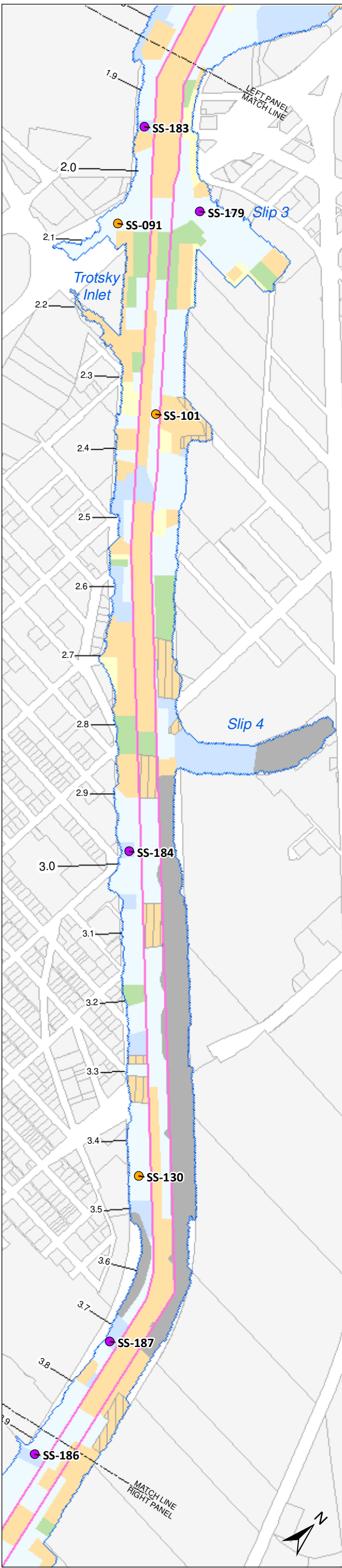
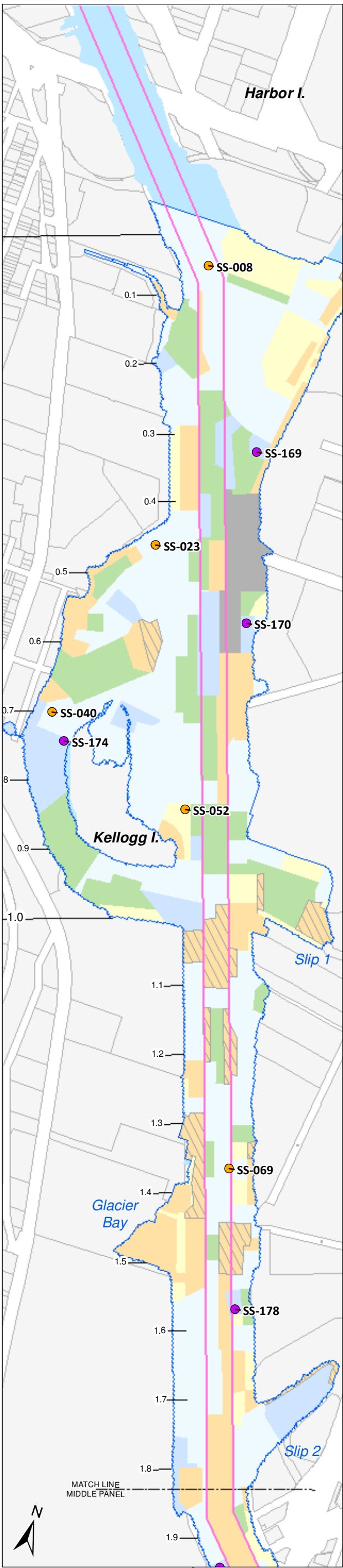
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Baseline surface sediment location (0-10 cm)

- Random RAO3 sample
- Reoccupied RAO3 sample

Technology assignment (ROD Fig. 18)^a

- Dredge
- Partial Dredge and Cap
- Cap
- ENR/*in situ*
- Monitored Natural Recovery (Surface Sediment >SCO)
- Monitored natural recovery (Surface Sediment <SCO)
- Early Action Area
- LDW Superfund Boundary
- King Co tax parcel
- Navigation Channel
- River mile

^a Source: EPA 2014.

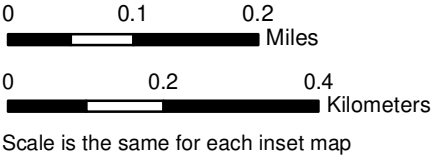
Map 2-6. Locations of baseline individual surface sediment samples

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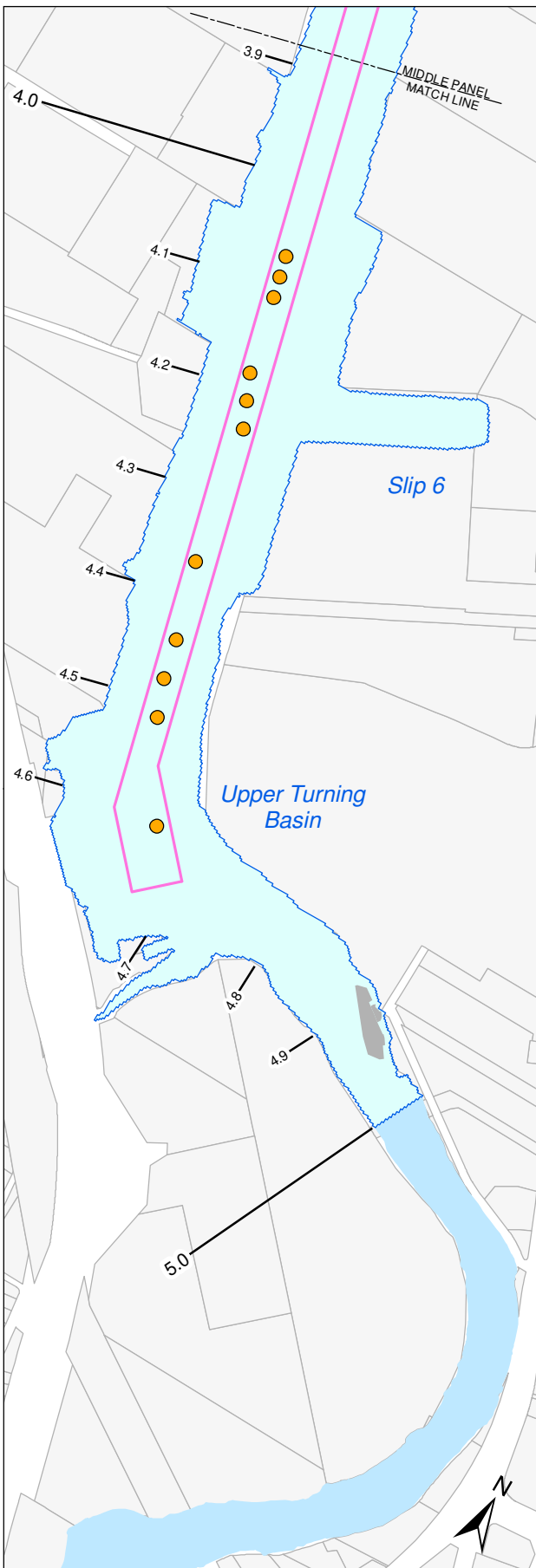
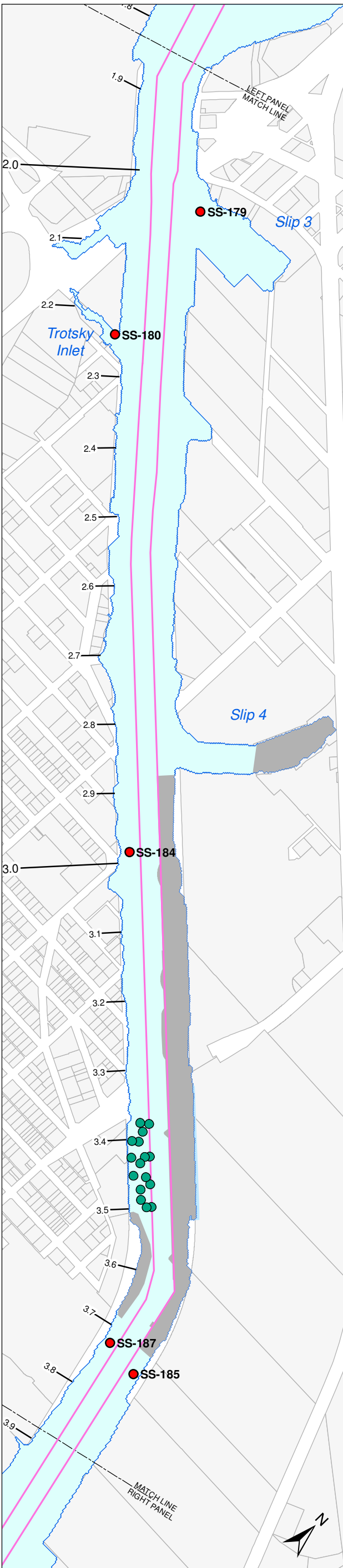
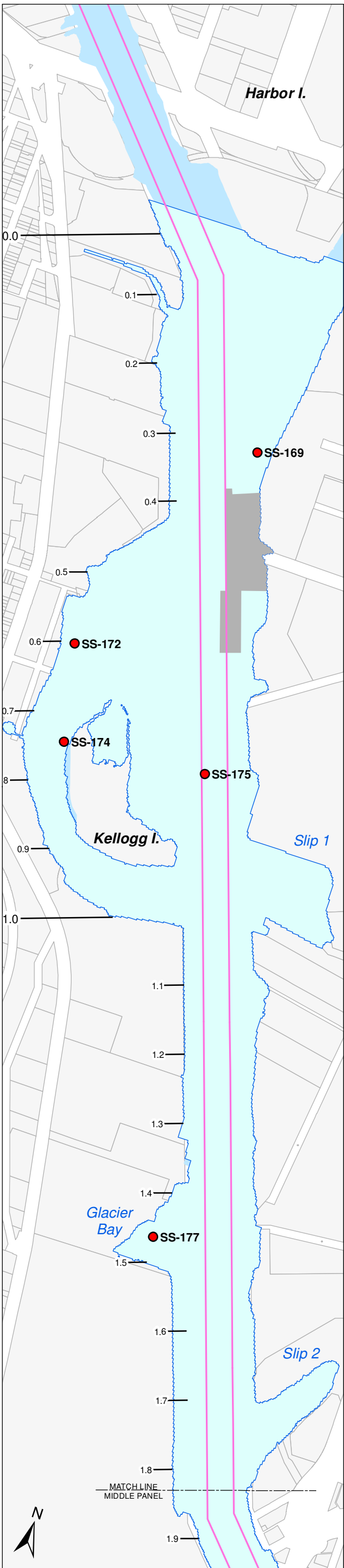
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- Pre-Design Studies (2018) surface sediment location for PCB porewater investigation
- South Park Marina (2016) sediment core
- USACE (2012) sediment core
- Early Action Area
- LDW Superfund Boundary
- King Co tax parcel
- Navigation Channel
- River mile

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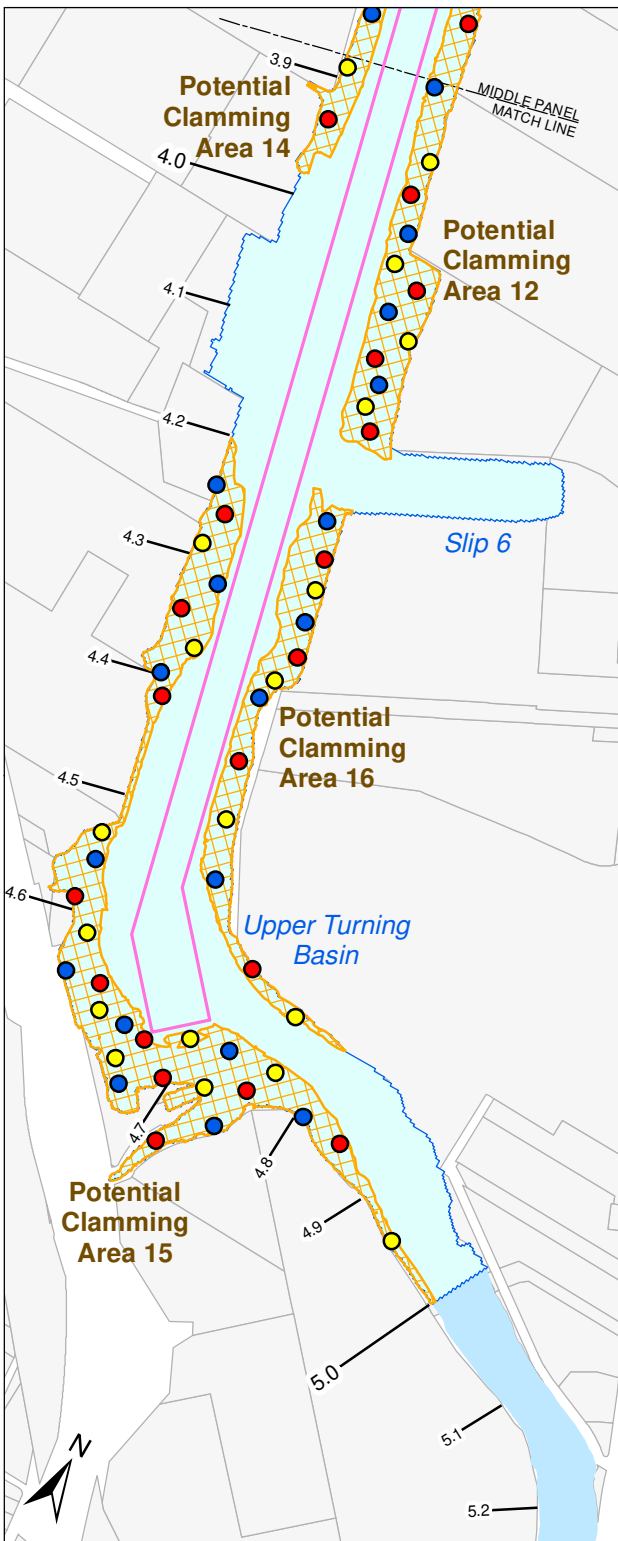
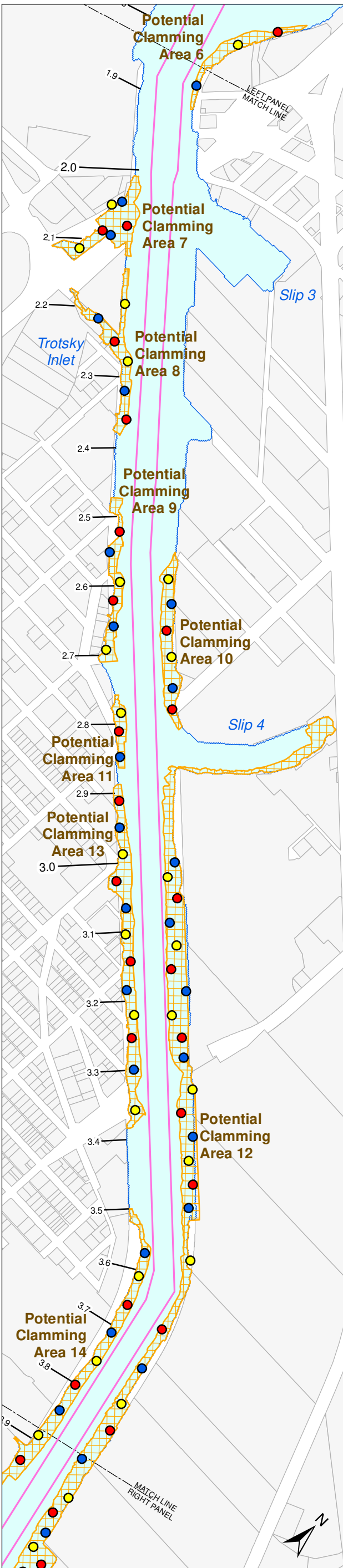
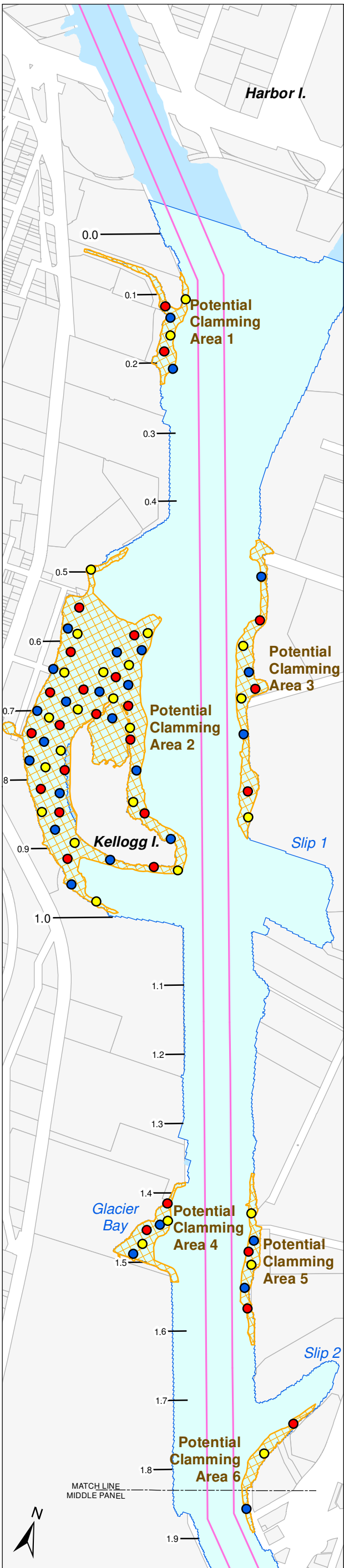
0 0.1 0.2 Miles
0 0.2 0.4 Kilometers
Scale is the same for each inset map

Map 2-7. Locations of baseline sediment samples analyzed for PCB Aroclors and congeners

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Prepared by craigh_12/13/2018: W:\Projects\Duwamish AOC3 GIS Maps and Analyses\Task 06 Data Evaluation Report\Map 2-08 6517 Inertial sampling - clamming areas.mxd

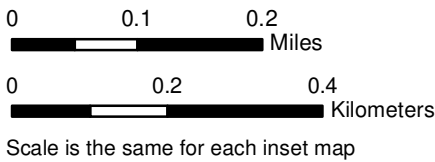


Clamming grab sample collection location (0-45 cm)

- Composite 1
- Composite 2
- Composite 3
- ▨ Potential clamming area
- ▭ LDW Superfund Boundary
- ▭ King Co tax parcel
- Navigation Channel
- River mile

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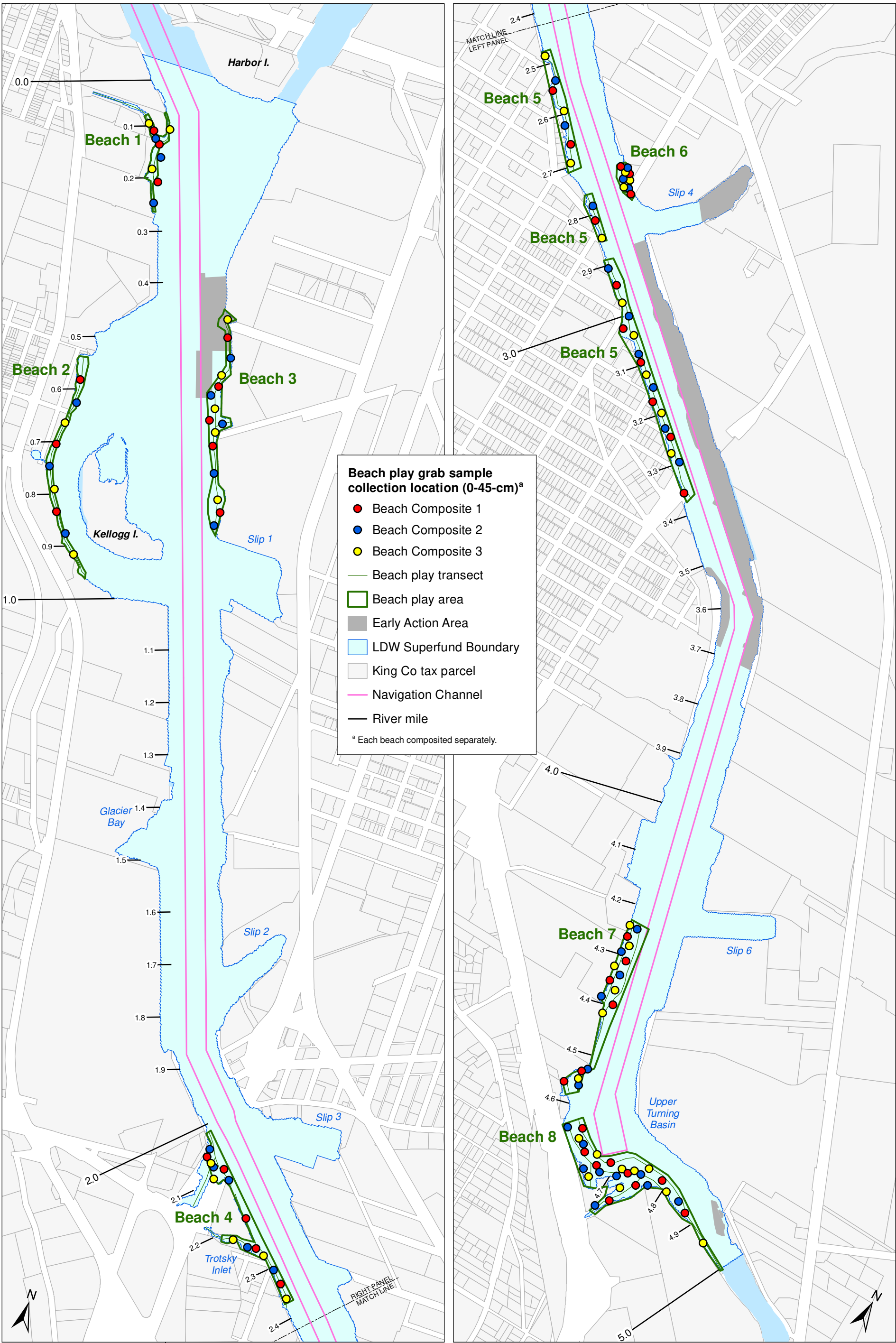


Map 2-8. Locations of 0-45-cm grab samples collected for the baseline potential clamming area sediment composite samples

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0 0.2 0.4 Miles

0 0.2 0.4 Kilometers

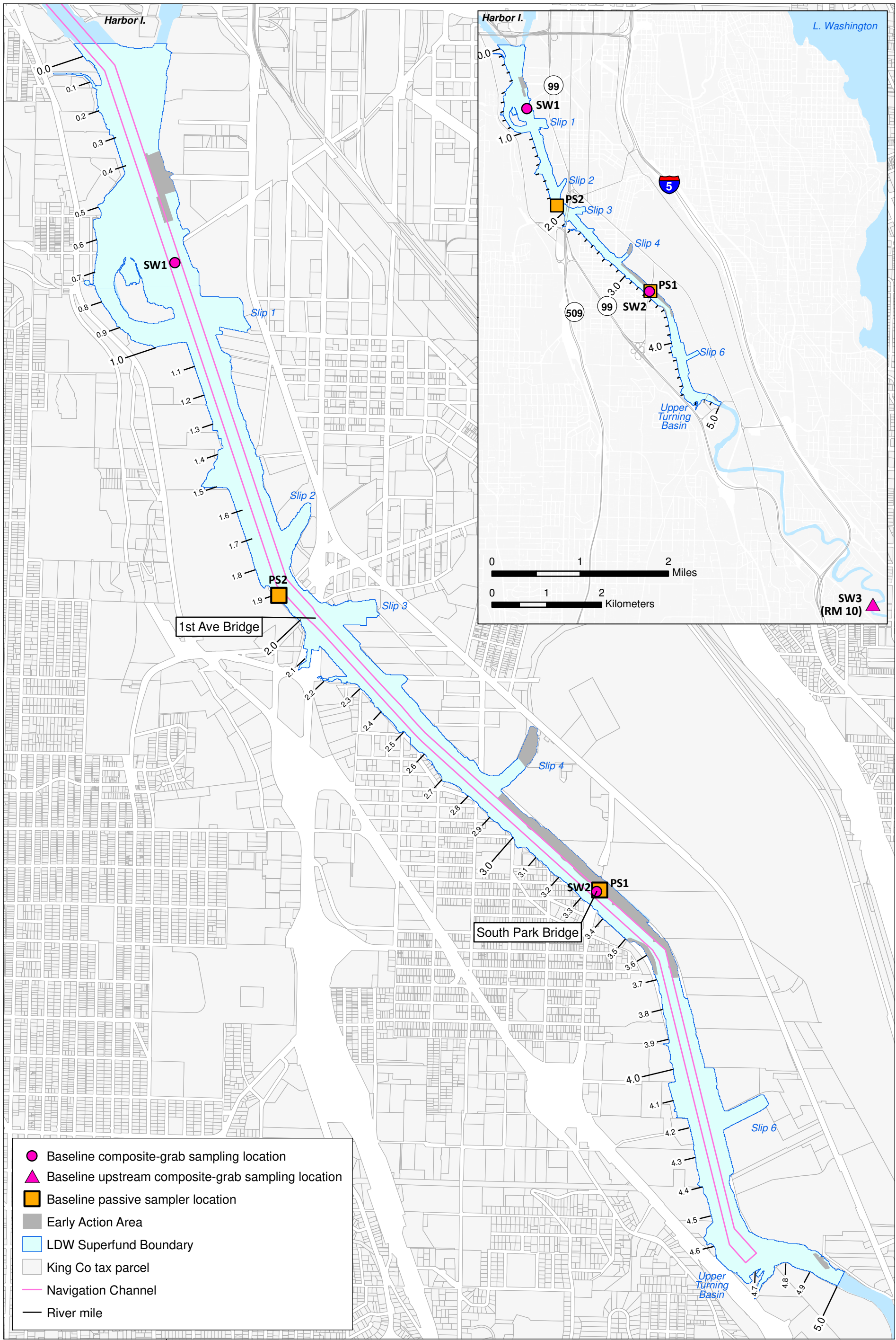
Scale is the same for each inset map

Map 2-9. Locations of 0-45-cm grab samples collected for the baseline beach play area sediment composite samples

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Prepared by craigh, 12/13/2018: W:\Projects\Duwamish AOC3 GIS\Maps and Analyses\Task 06 Data Evaluation Report\Map 3-1 6522 Surface water sampling locations.mxd

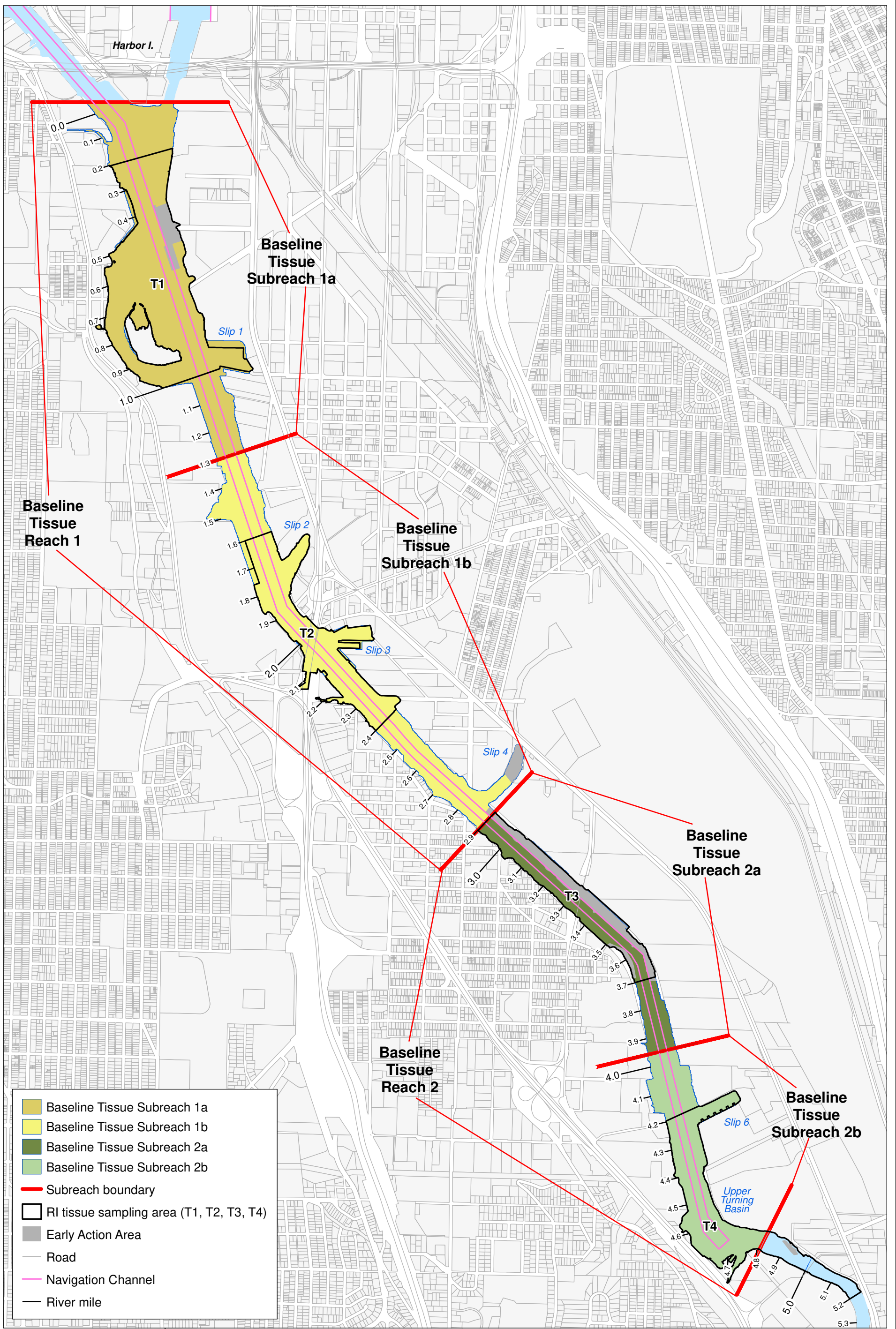


Map 3-1. Locations of baseline surface water composite-grab samples and passive sampler deployment

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0 0.2 0.4 Miles
0 0.2 0.4 Kilometers

Map 4-1. Sampling reaches and subreaches for baseline fish and crab tissue sampling

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