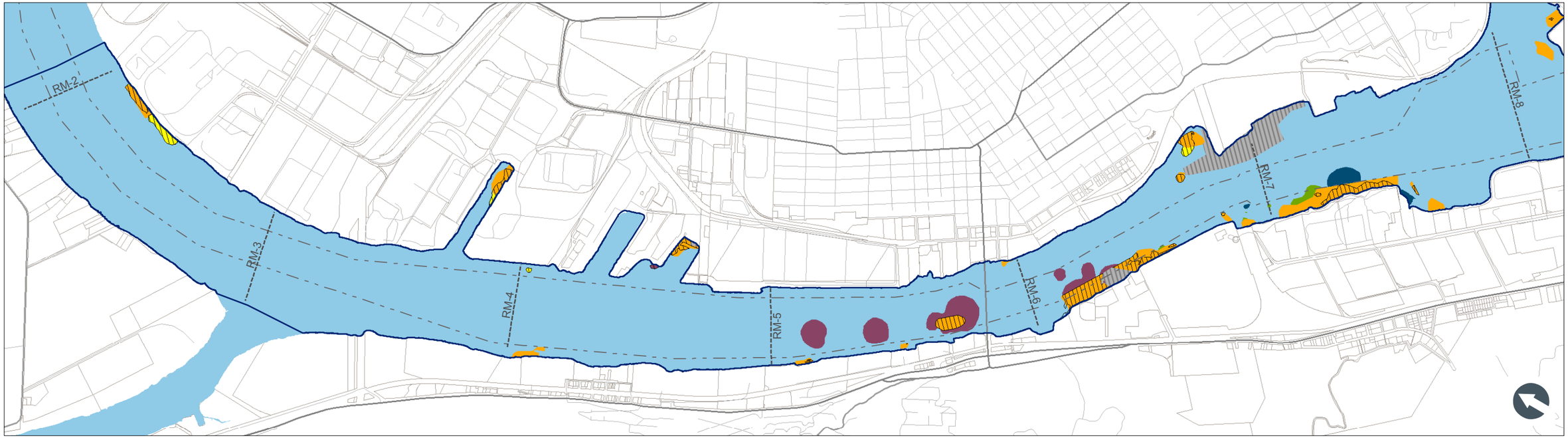

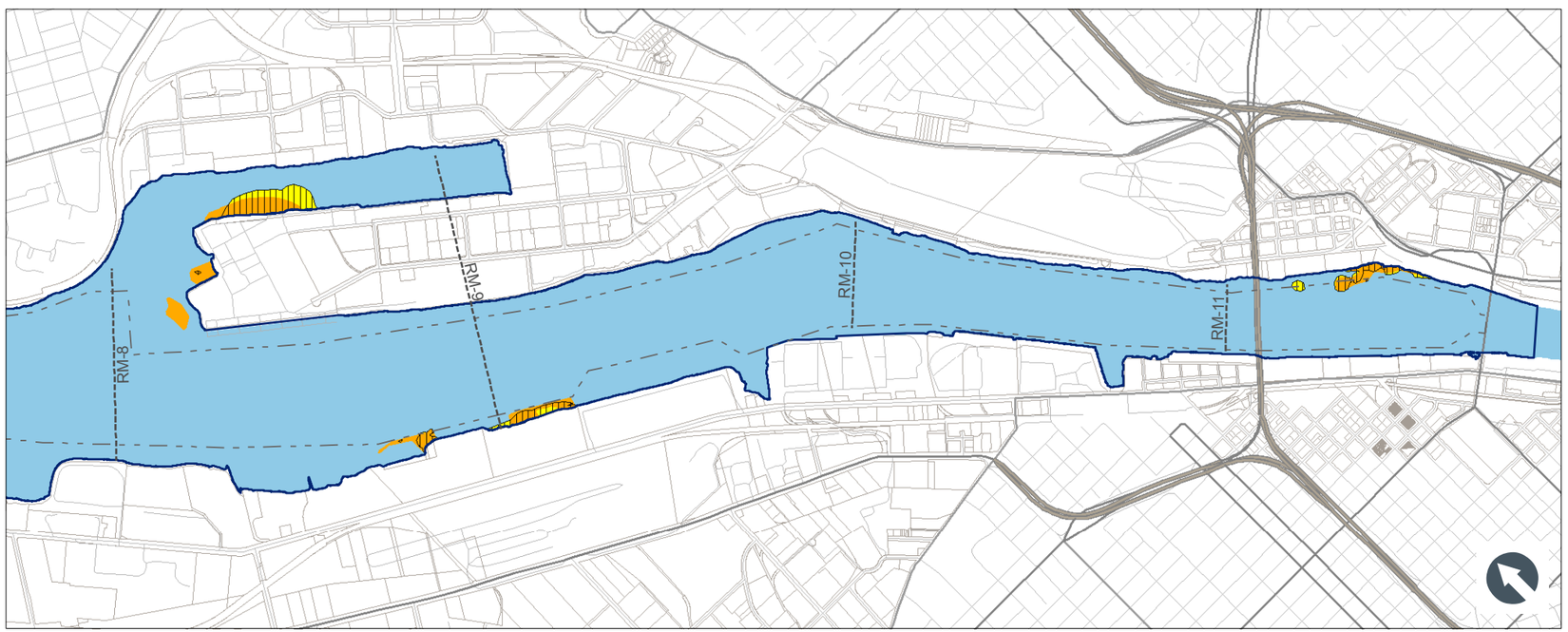

LEGEND

- River miles
- Portland Harbor Study Area
- Tax Lots
- Navigation Channel
- Draft FS RALs Including Draft FS Reduced Benthic Risk Areas

EPA Proposed RALs (2013)

- Revised Comprehensive Benthic Risk Areas (April 2014)
- Dioxin/Furans TEQ (RAL = 0.12 µg/kg)
- Total DDx (RAL = 650 µg/kg)
- BapEq (RAL = 20,000 µg/kg)
- Total PCB (RAL = 1,000 µg/kg)

Feet
0 1,000 2,000 3,000 4,000

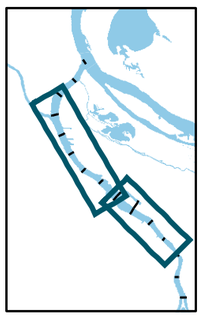

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Figure 1
Portland Harbor RI/FS
Comparison of Draft FS Alternative B
To EPA Proposed RALs

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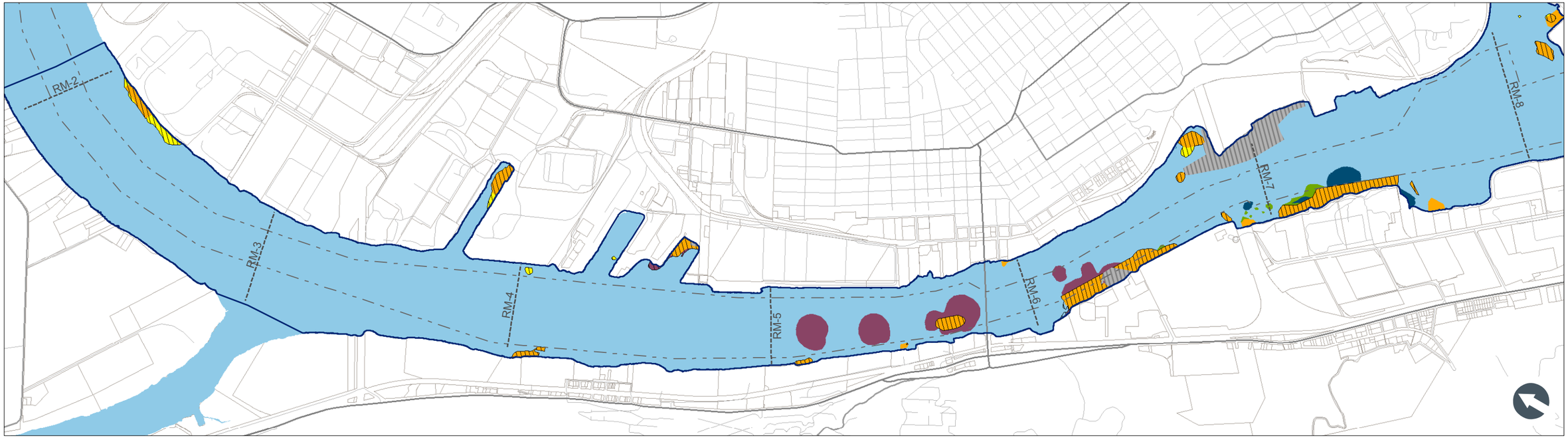

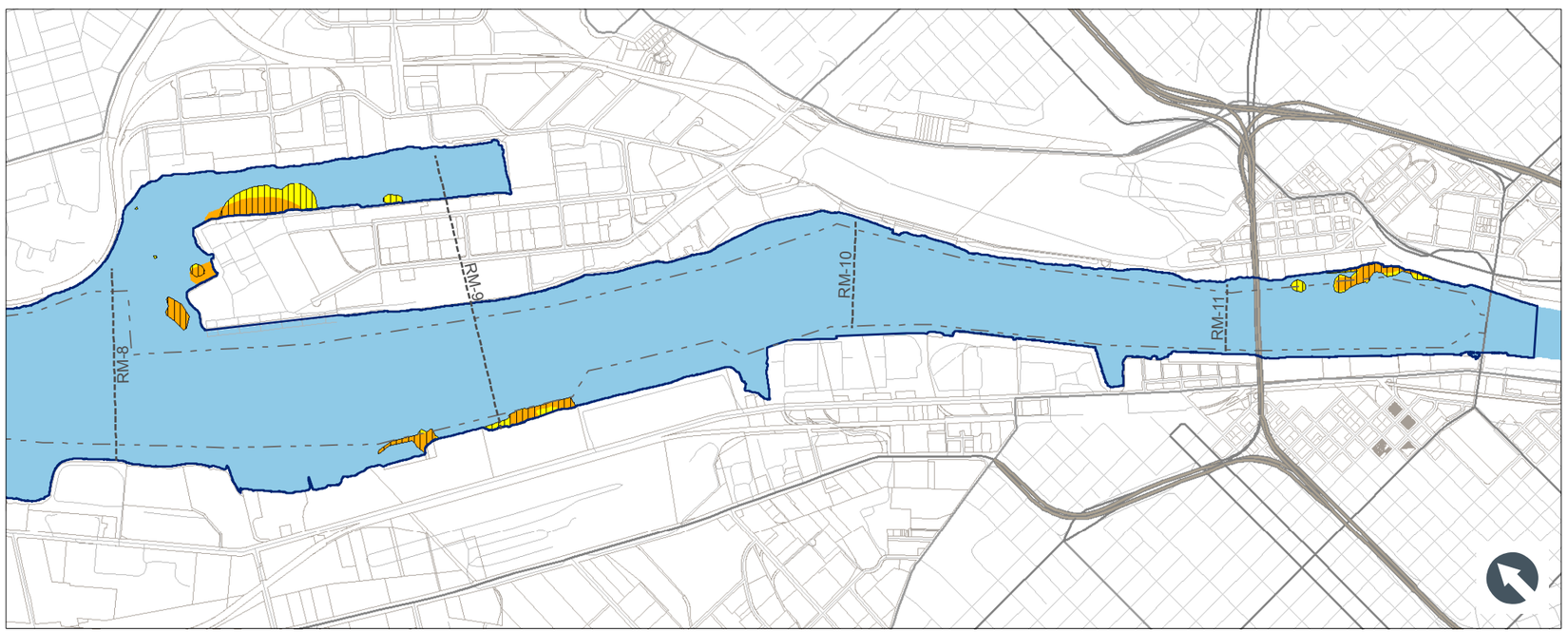

LEGEND

- River miles
- Portland Harbor Study Area
- Tax Lots
- Navigation Channel
- Draft FS RALs Including Draft FS Comprehensive Benthic Risk Areas

EPA Proposed RALs (2013)

- Revised Comprehensive Benthic Risk Areas (April 2014)
- Dioxin/Furans TEQ (RAL = 0.081 µg/kg)
- Total DDx (RAL = 550 µg/kg)
- BapEq (RAL = 15,000 µg/kg)
- Total PCB (RAL = 750 µg/kg)

Feet

0 1,000 2,000 3,000 4,000

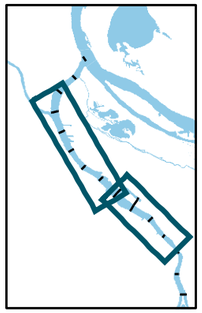

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Figure 2
Portland Harbor RI/FS
Comparison of Draft FS Alternative C
To EPA Proposed RALs

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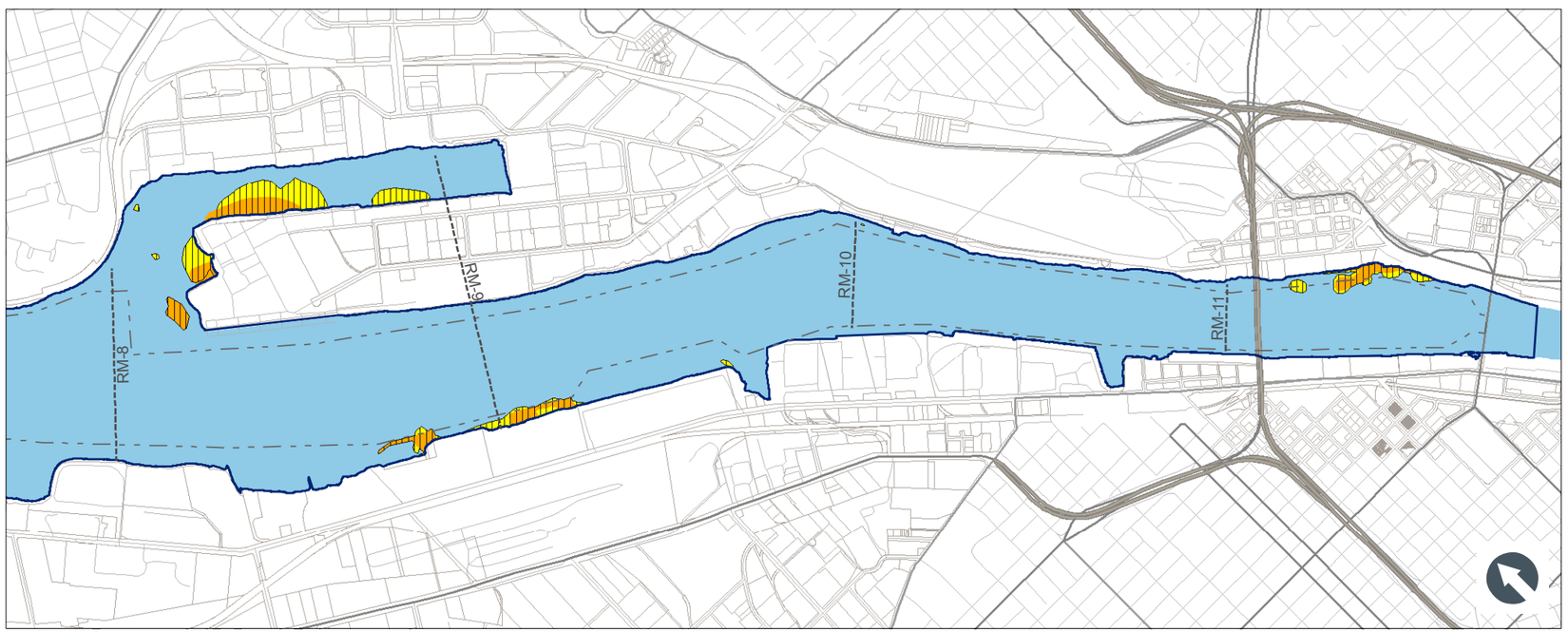

LEGEND

- River miles
- Portland Harbor Study Area
- Tax Lots
- Navigation Channel
- Draft FS RALs Including Draft FS Comprehensive Benthic Risk Areas

EPA Proposed RALs (2013)

- Revised Comprehensive Benthic Risk Areas (April 2014)
- Dioxin/Furans TEQ (RAL = 0.053 µg/kg)
- Total DDx (RAL = 450 µg/kg)
- BapEq (RAL = 8,000 µg/kg)
- Total PCB (RAL = 500 µg/kg)

Feet
0 1,000 2,000 3,000 4,000

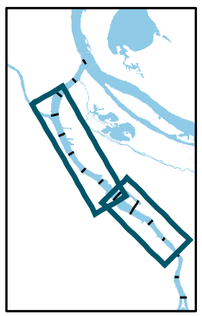

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Figure 3
Portland Harbor RI/FS
Comparison of Draft FS Alternative D
To EPA Proposed RALs

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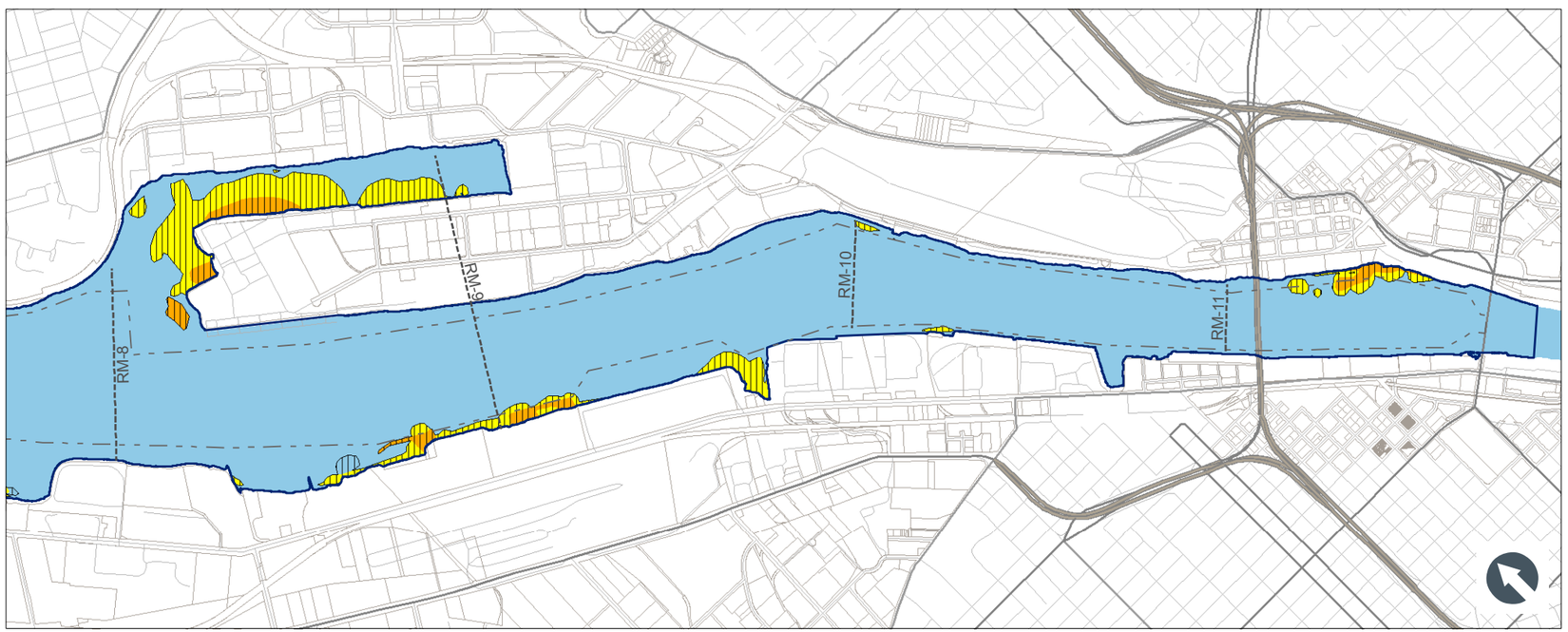

LEGEND

- River miles
- Portland Harbor Study Area
- Tax Lots
- Navigation Channel
- Draft FS RALs Including Draft FS Comprehensive Benthic Risk Areas

EPA Proposed RALs (2013)

- Revised Comprehensive Benthic Risk Areas (April 2014)
- Dioxin/Furans TEQ (RAL = 0.038 µg/kg)
- Total DDx (RAL = 300 µg/kg)
- BapEq (RAL = 4,000 µg/kg)
- Total PCB (RAL = 200 µg/kg)

Feet
0 1,000 2,000 3,000 4,000

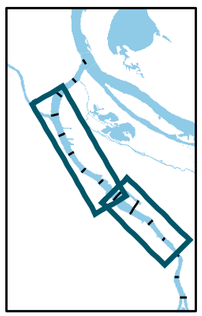

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Figure 4
Portland Harbor RI/FS
Comparison of Draft FS Alternative E
To EPA Proposed RALs

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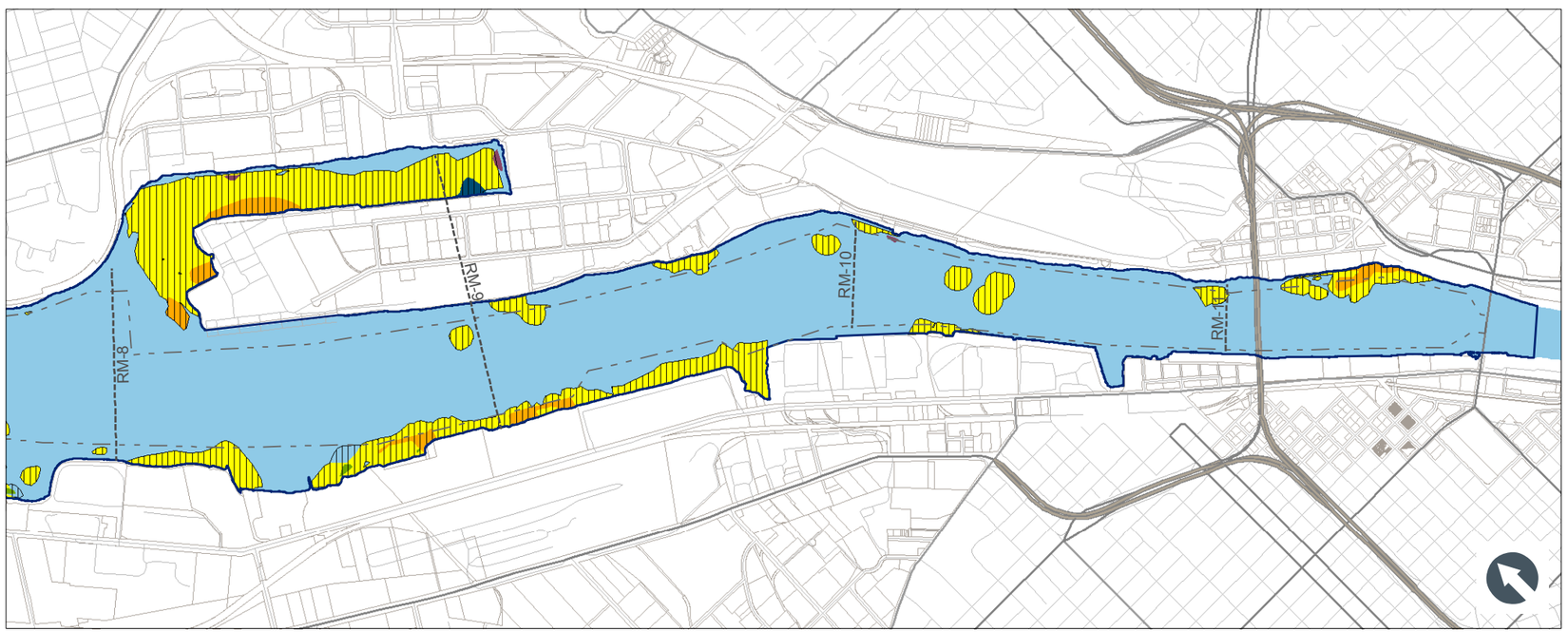

LEGEND

- River miles
- Portland Harbor Study Area
- Tax Lots
- Navigation Channel
- Draft FS RALs Including Draft FS Comprehensive Benthic Risk Areas

EPA Proposed RALs (2013)

- Revised Comprehensive Benthic Risk Areas (April 2014)
- Dioxin/Furans TEQ (RAL = 0.022 µg/kg)
- Total DDx (RAL = 160 µg/kg)
- BapEq (RAL = 1,500 µg/kg)
- Total PCB (RAL = 75 µg/kg)

Feet
0 1,000 2,000 3,000 4,000

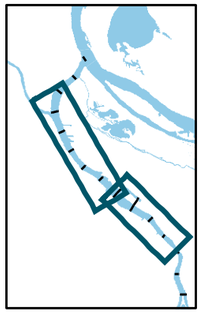

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Figure 5
Portland Harbor RI/FS
Comparison of Draft FS Alternative F
To EPA Proposed RALs

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