

Remedial Investigation / Feasibility Study
 Quality Assurance Project Plan
 Hingham Naval Ammunition Depot
 Hingham, MA
 (FUDS # D01MA0022)

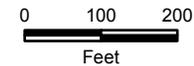
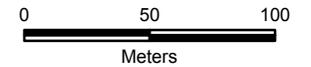


**North Pier MRS
 RI/FS Technical Approach**

Legend

-  FUDS Property Boundary
-  MRS Boundary
-  Proposed Sediment Sampling Location
-  100% Coverage DGM Survey *

*Analog geophysical surveys will be performed in areas that are inaccessible to DGM surveys. These include around piers, barges, and shallow water with depths less than 2 feet.



Data Sources: ESRI, ArcGIS Online,
 Aerial Imagery

Coordinate System: UTM Zone 19N
 Datum: WGS84
 Units: Meters

The MC technical approach includes a site-specific background metals study for Hingham NAD, as well as collection and analysis of 20 sediment sample locations for select explosives and metals.

Additionally, discrete samples will be taken in locations where breached MEC or concentrations of MD are observed during the RI.

**WEYMOUTH
 BACK
 RIVER**

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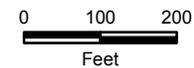
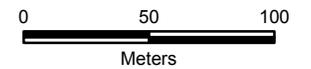


**South Pier MRS
 RI/FS Technical Approach**

Legend

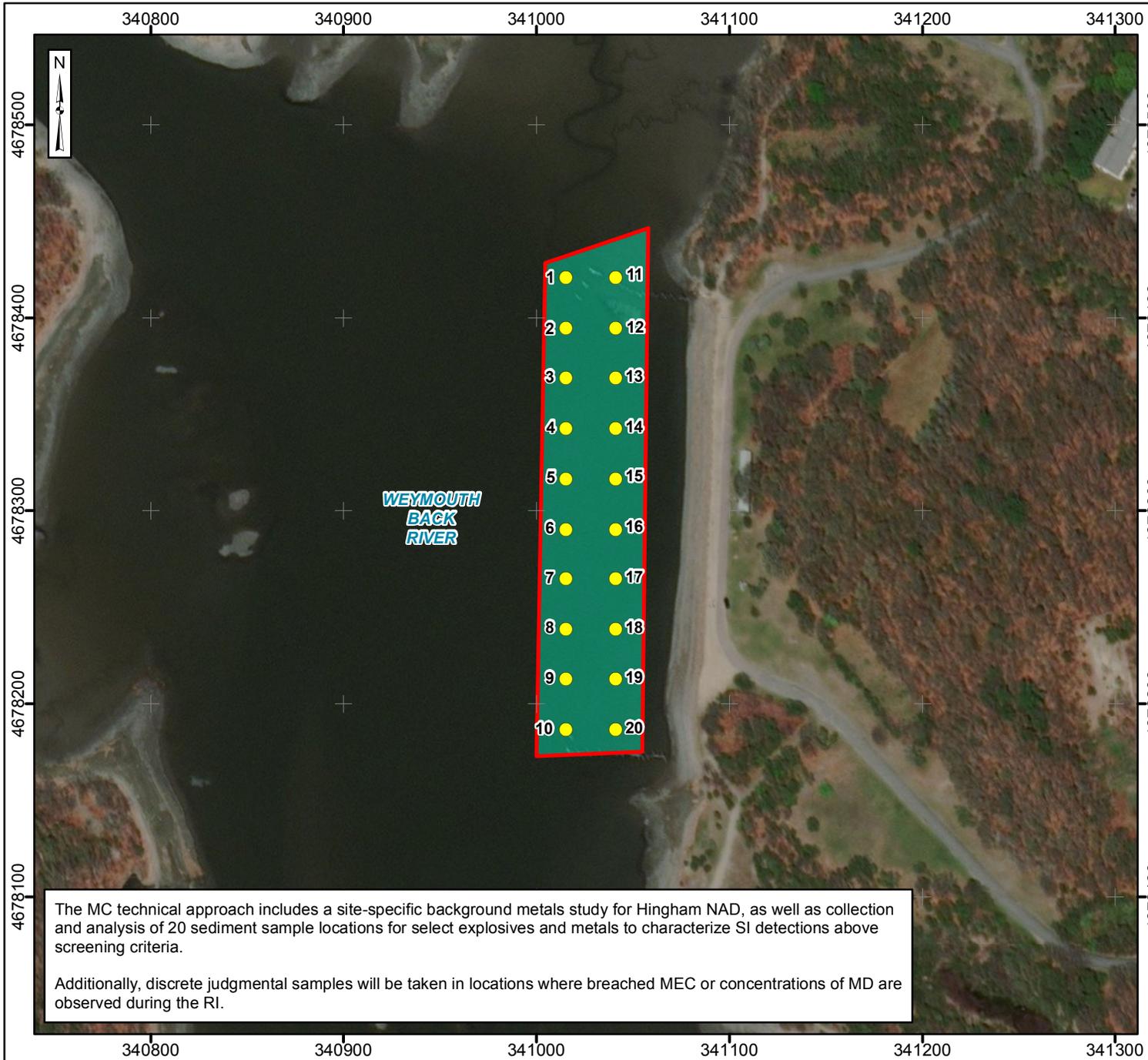
-  MRS Boundary
-  Proposed Sediment Sampling Location
-  100% Coverage DGM Survey *

*Analog geophysical surveys will be performed in areas that are inaccessible to DGM surveys. These include around piers, barges, and shallow water with depths less than 2 feet.



Data Sources: ESRI, ArcGIS Online,
 Aerial Imagery

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 Units: Meters



The MC technical approach includes a site-specific background metals study for Hingham NAD, as well as collection and analysis of 20 sediment sample locations for select explosives and metals to characterize SI detections above screening criteria.

Additionally, discrete judgmental samples will be taken in locations where breached MEC or concentrations of MD are observed during the RI.

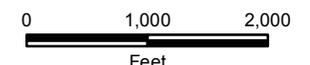
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**Proposed Subtidal
 Sediment Background
 Sample Areas**

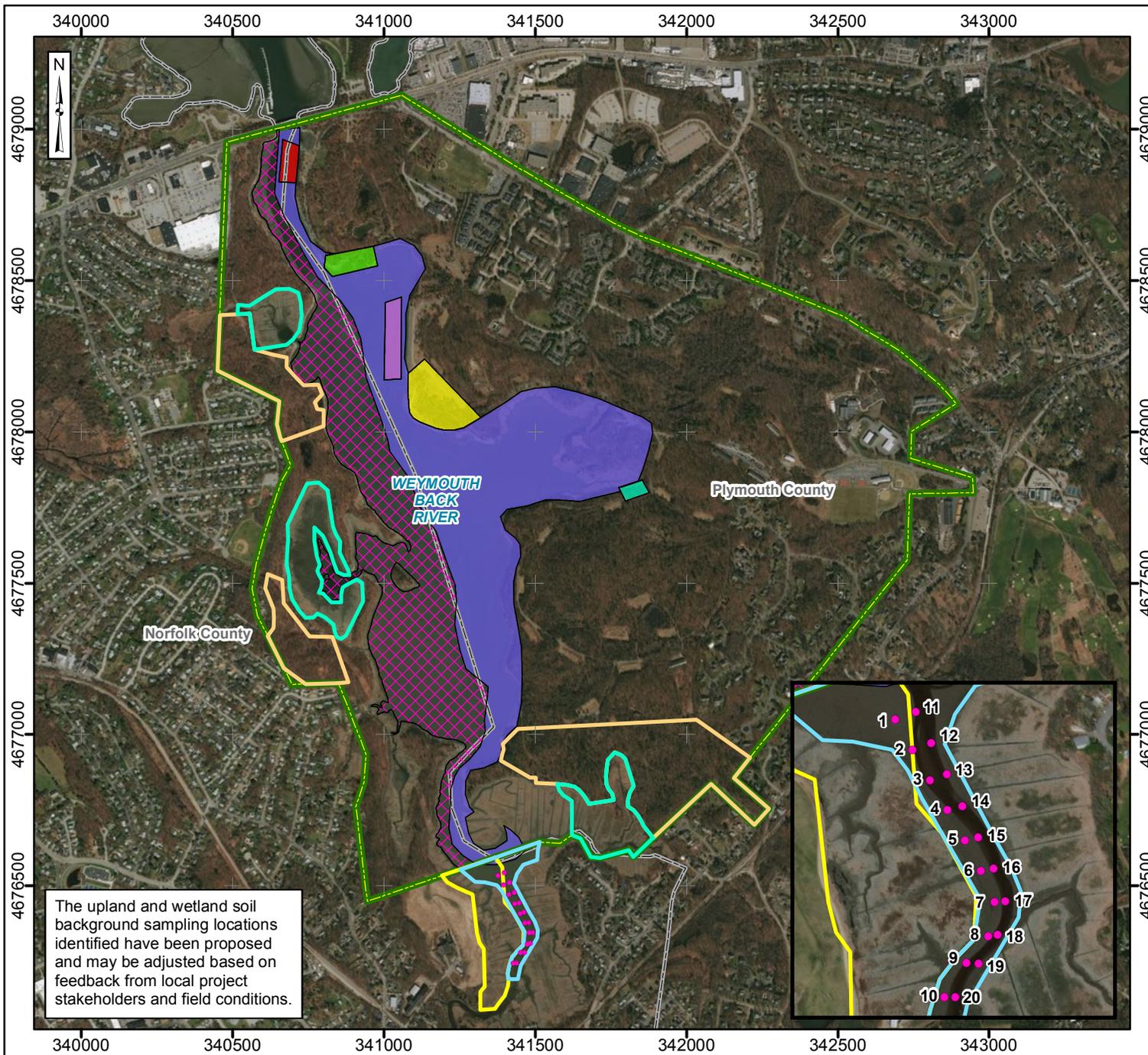
Legend

- FUDS Property Boundary
- County Boundary
- Burial Area MRS
- Dump Area MRS
- Furnace Area MRS
- North Pier MRS
- South Pier MRS
- Weymouth Back River MRS (133.5 acres)
- Expanded Weymouth Back River MRS (94 acres)
- Upland Soil Background Area (discrete and incremental samples)
- Intertidal Sediment Background Area (discrete and incremental samples)
- Intertidal Sediment Upgradient Background Area (discrete and incremental samples)
- Subtidal (river) Sediment Upgradient Background Area (discrete samples)
- Proposed Sampling Location



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The upland and wetland soil background sampling locations identified have been proposed and may be adjusted based on feedback from local project stakeholders and field conditions.

