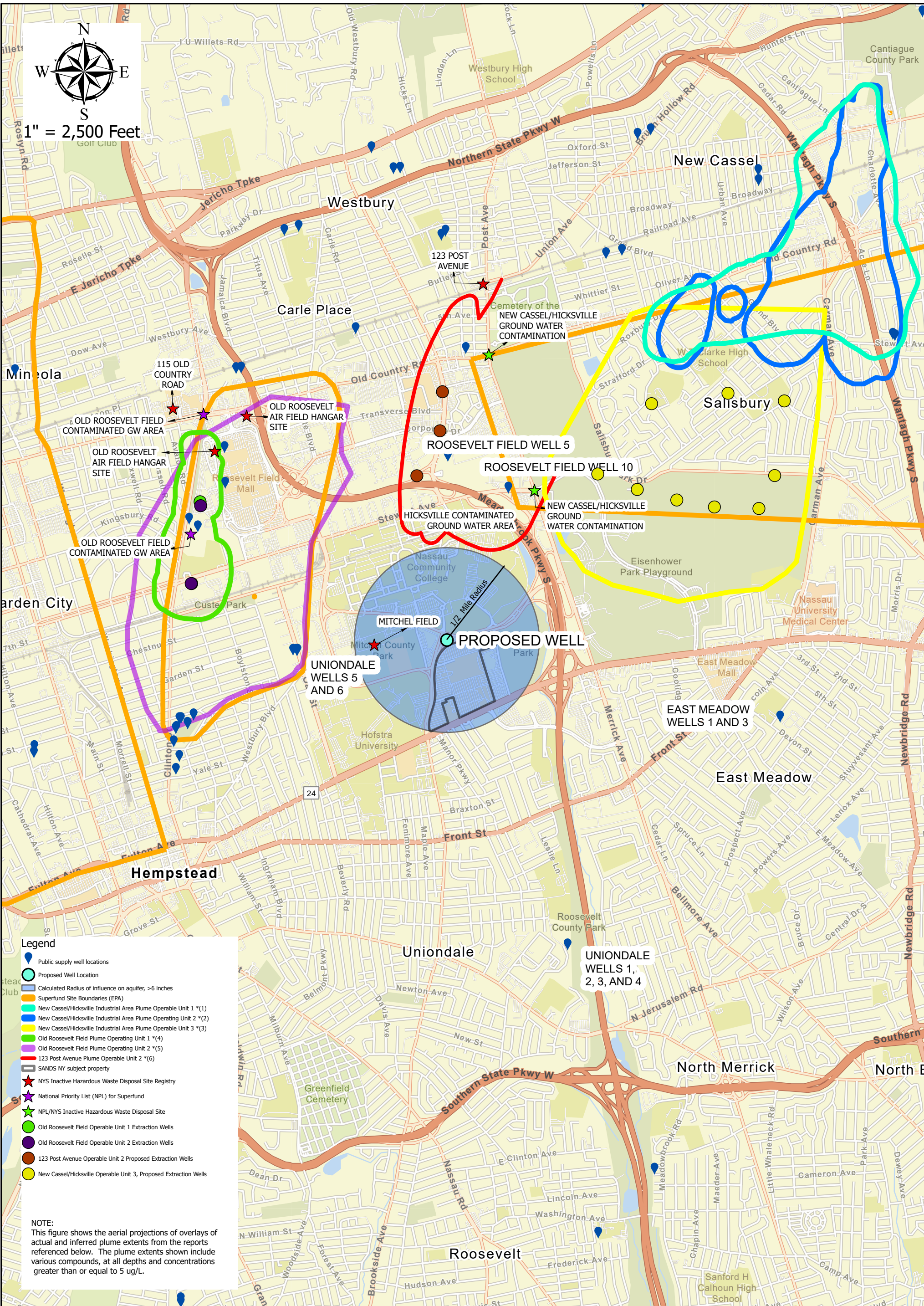




Appendix 2.3-4

Proposed Public Water Supply Well Location and Locations of Plumes in the Vicinity of Proposed Well



- Legend**
- Public supply well locations
 - Proposed Well Location
 - Calculated Radius of influence on aquifer, >6 inches
 - Superfund Site Boundaries (EPA)
 - New Cassel/Hicksville Industrial Area Plume Operable Unit 1 *(1)
 - New Cassel/Hicksville Industrial Area Plume Operating Unit 2 *(2)
 - New Cassel/Hicksville Industrial Area Plume Operating Unit 3 *(3)
 - Old Roosevelt Field Plume Operating Unit 1 *(4)
 - Old Roosevelt Field Plume Operating Unit 2 *(5)
 - 123 Post Avenue Plume Operable Unit 2 *(6)
 - SANDS NY subject property
 - ★ NYS Inactive Hazardous Waste Disposal Site Registry
 - ★ National Priority List (NPL) for Superfund
 - ★ NPL/NYS Inactive Hazardous Waste Disposal Site
 - Old Roosevelt Field Operable Unit 1 Extraction Wells
 - Old Roosevelt Field Operable Unit 2 Extraction Wells
 - 123 Post Avenue Operable Unit 2 Proposed Extraction Wells
 - New Cassel/Hicksville Operable Unit 3, Proposed Extraction Wells

NOTE:
This figure shows the aerial projections of overlays of actual and inferred plume extents from the reports referenced below. The plume extents shown include various compounds, at all depths and concentrations greater than or equal to 5 ug/L.

- SOURCES:**
- (1) Record of Decision, Operable Unit One, Cassel/Hicksville Groundwater Contamination Superfund Site, September 2013, EPA Document ID 692289)
 - (2) Remedial Investigation Report (Sept 2021, EPA Document ID 654861)
 - (3) Record of Decision, New Cassel/Hicksville Groundwater Contamination Superfund Site, Operable Unit 3, March 2024, EPA Document ID 701335
 - (4) Annual Progress Report – Year 12 for Old Roosevelt Field Contaminated Groundwater Area Superfund Site (May 2024, EPA Document ID 647067)
 - (5) Final Pre-Design Investigation Report, Old Roosevelt Field Contaminated Groundwater Area Superfund Site, Operable Unit 2, Remedial Design (Dec 2020, EPA Document ID 623887)
 - (6) 123 Post Avenue - Operable Unit 2 Feasibility Study Report (Nov 2021)

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Proposed Public Water Supply Well Location and Locations of Plumes in the Vicinity of Proposed Well

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