APPENDIX I

FIGURES

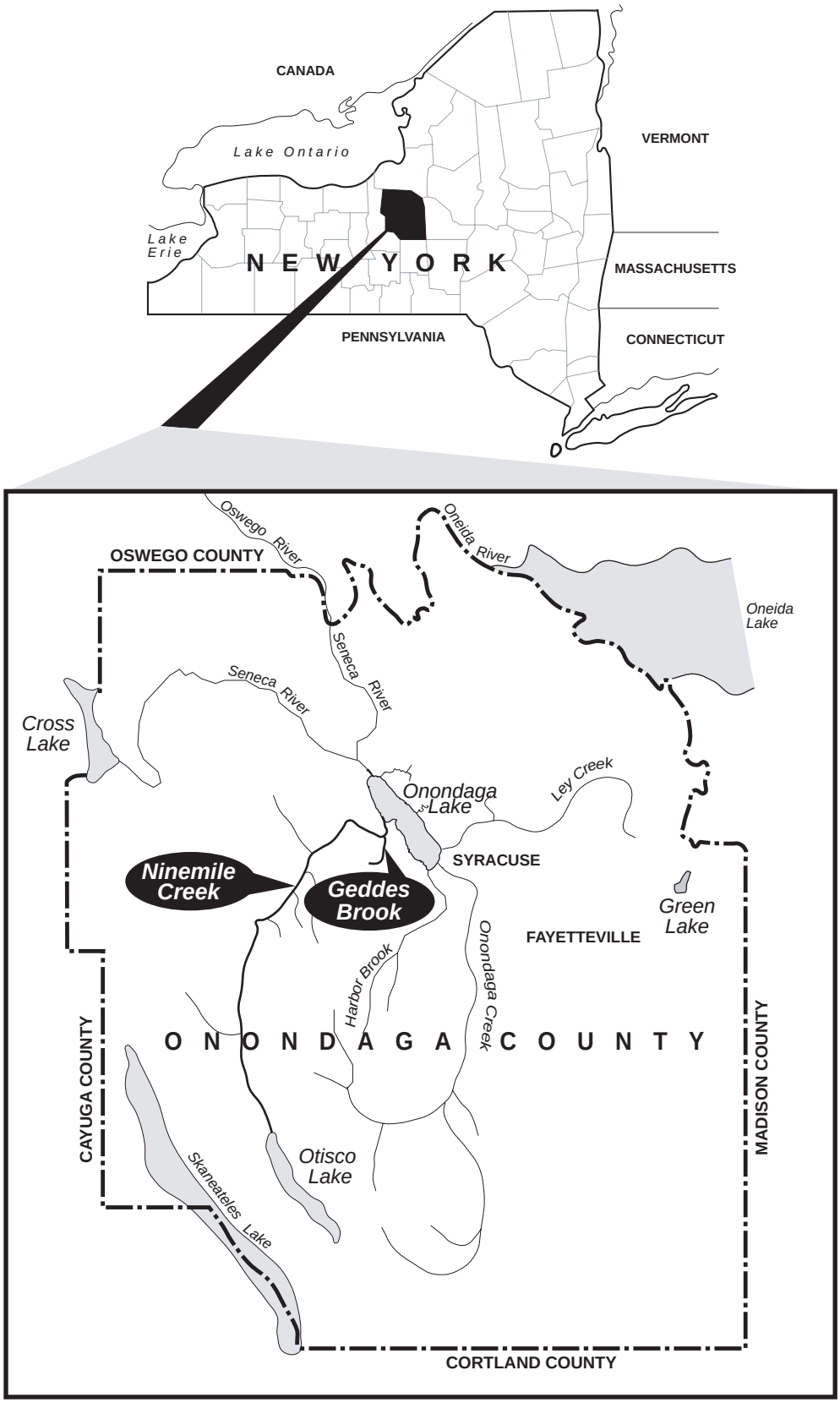
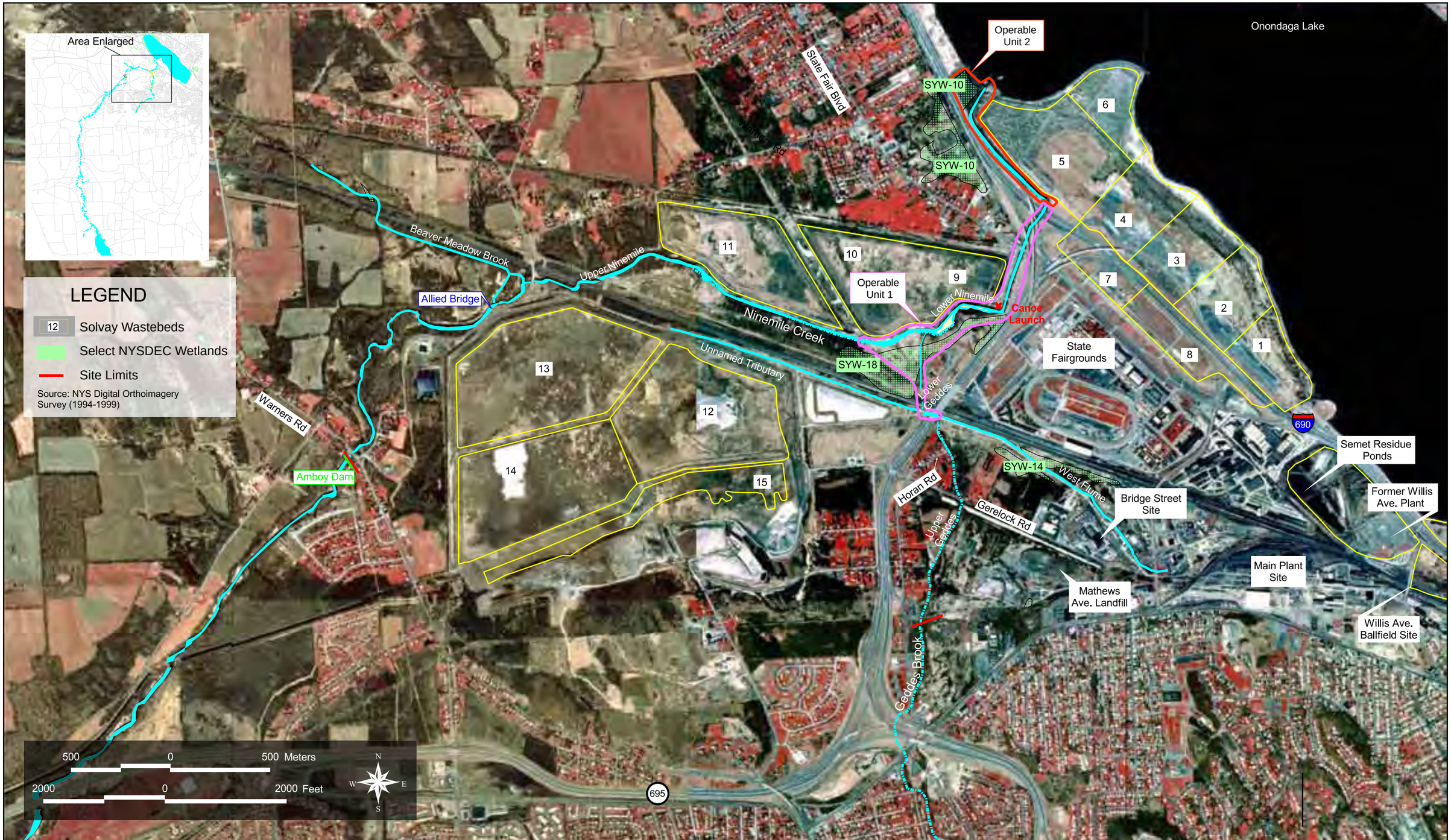


Figure 1. Location of Geddes Brook, Ninemile Creek, and Onondaga Lake

Source: FS Figure 1-1 (Parsons, 2005)



Approximate Extent of Operable Unit 1
Approximate Extent of Operable Unit 2

Source: Modified from RI Figure 1-2 (TAMS/Earth Tech, 2003c)

Figure 2.
Geddes Brook/Ninemile Creek and Vicinity

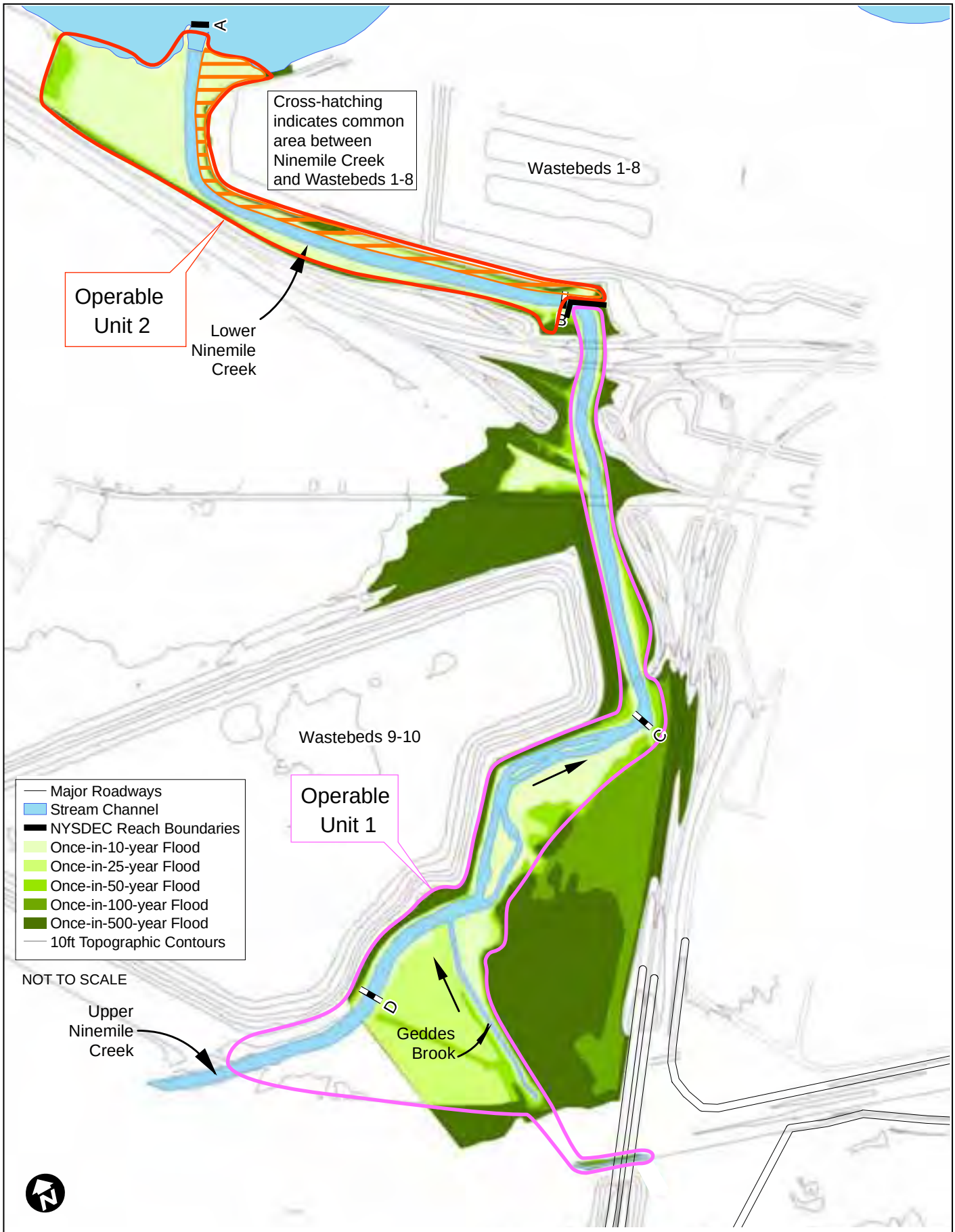
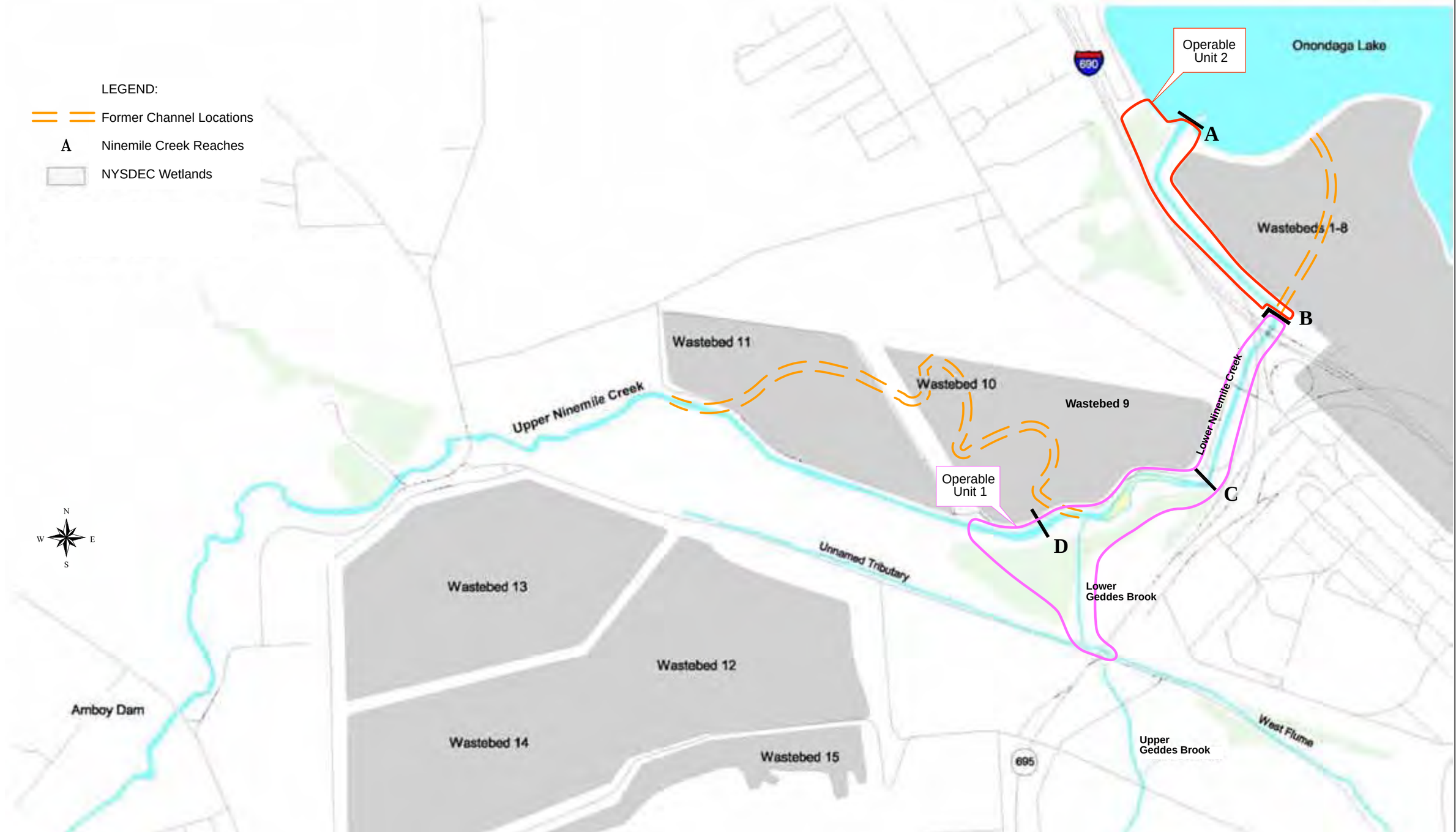


Figure 3. Floodplain Extent for Various Flood Frequencies Based on Hydrologic Modeling Results

Source: Modified from FS Figure 1-15 (Parsons, 2005)



NOT TO SCALE

Source: Modified from RI Figure 2-3 (TAMS/Earth Tech, 2003c) and FS Figure 1-3 (Parsons, 2005)

Figure 4.
Geddes Brook/Ninemile Creek Reaches and Former Channel Locations

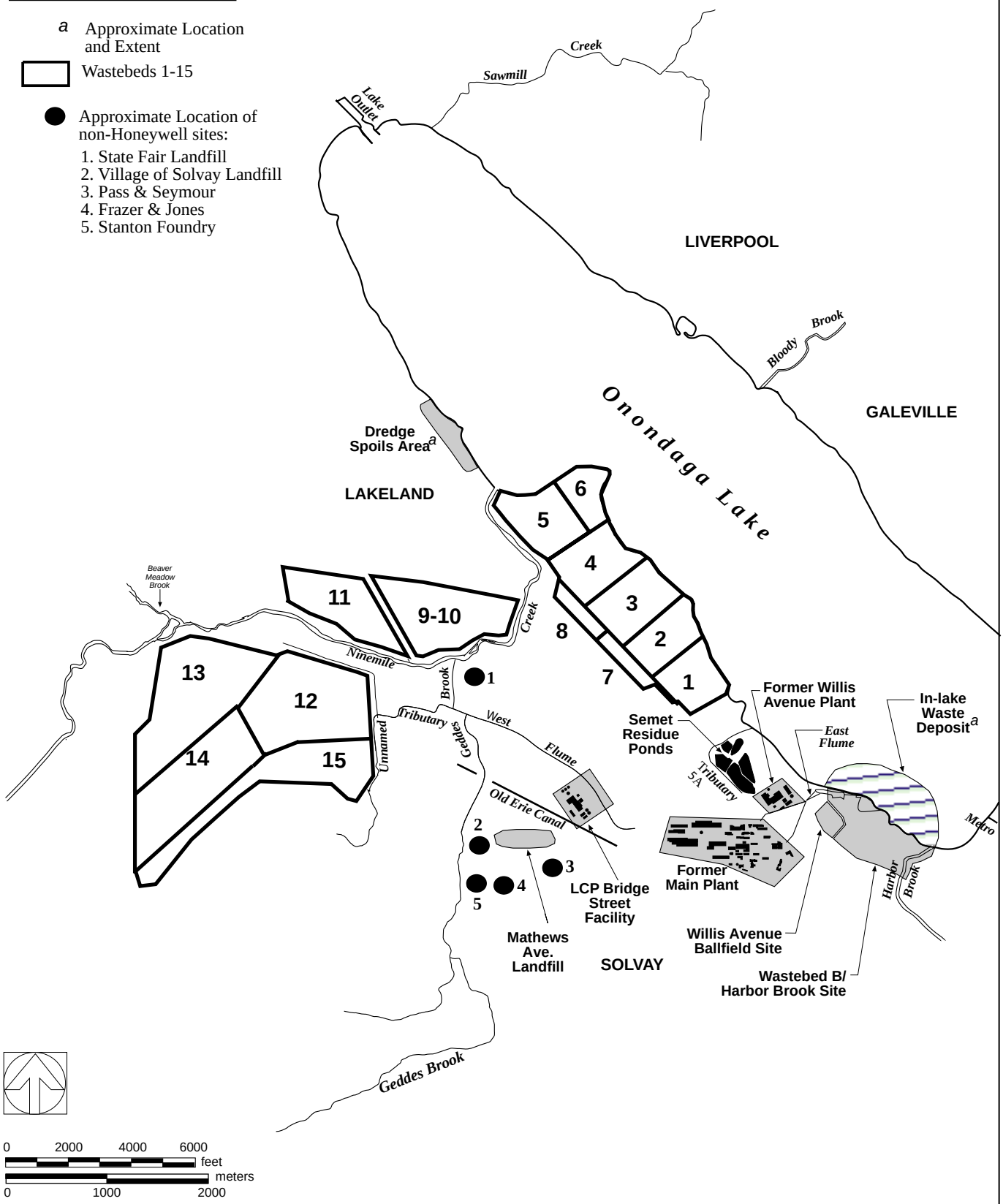


Figure 5. Location of Honeywell and Other Referenced Sites Near Geddes Brook/Ninemile Creek

Source: RI Figure 4-1 (TAMS/Earth Tech, 2003c)

Figure 6a

Source: Modified from OU2 Supplemental FS (Parsons, 2009) Mercury Concentrations in Channel and Floodplain Samples in Reach AB (0 to 1 ft)

Figure 6b

Source: Modified from OU2 Supplemental FS (Parsons, 2009) Mercury Concentrations in Channel and Floodplain Samples in Reach AB (1 to 2 ft)

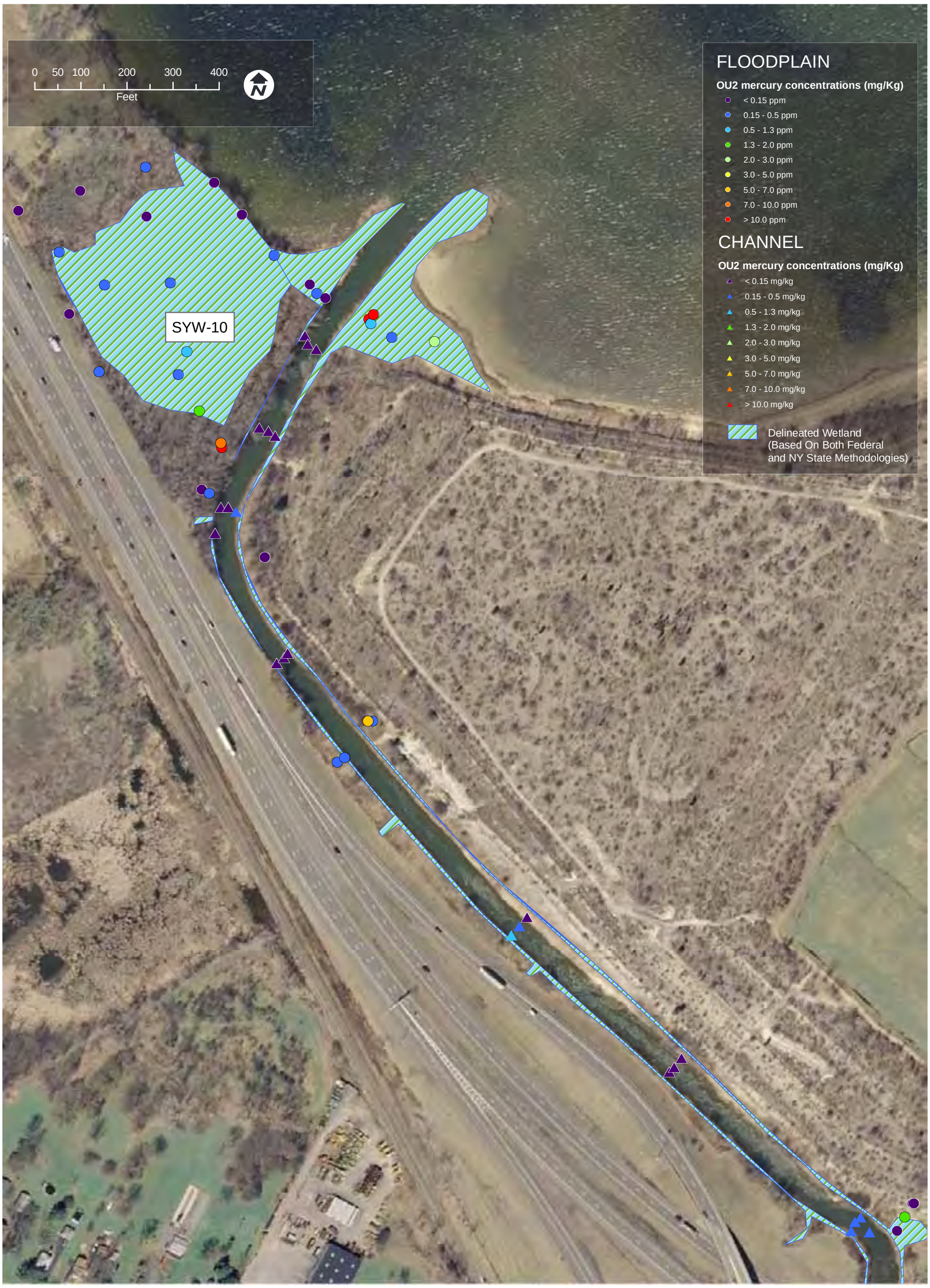
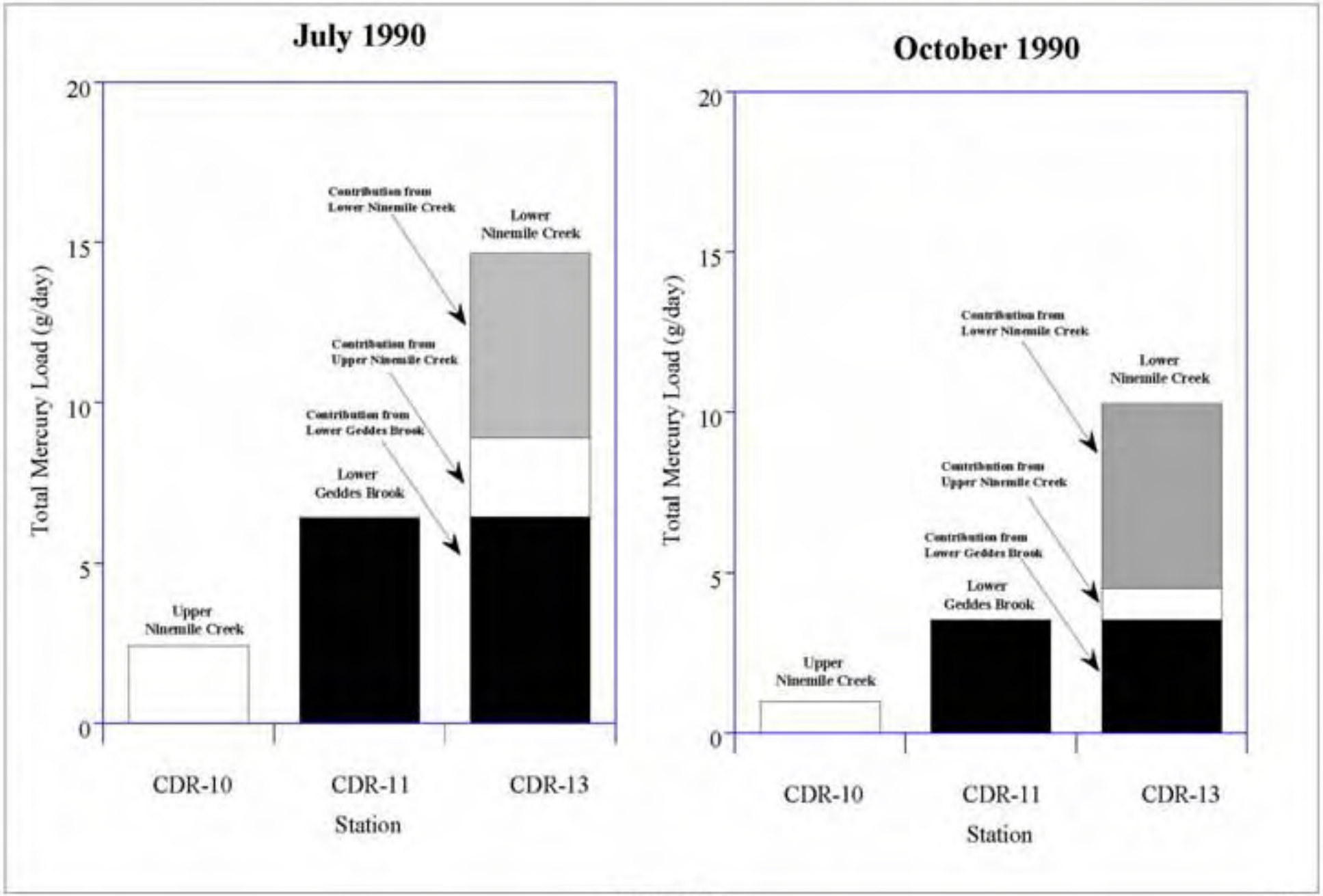


Figure 6c

Source: Modified from OU2 Supplemental FS (Parsons, 2009) Mercury Concentrations in Channel and Floodplain Samples in Reach AB (2 to 3 ft)



Source: RI Figure 6-6a (TAMS/Earth Tech, 2003c)

Figure 7. Comparison of Total Mercury Loads in Surface Water of Geddes Brook and Ninemile Creek in 1990

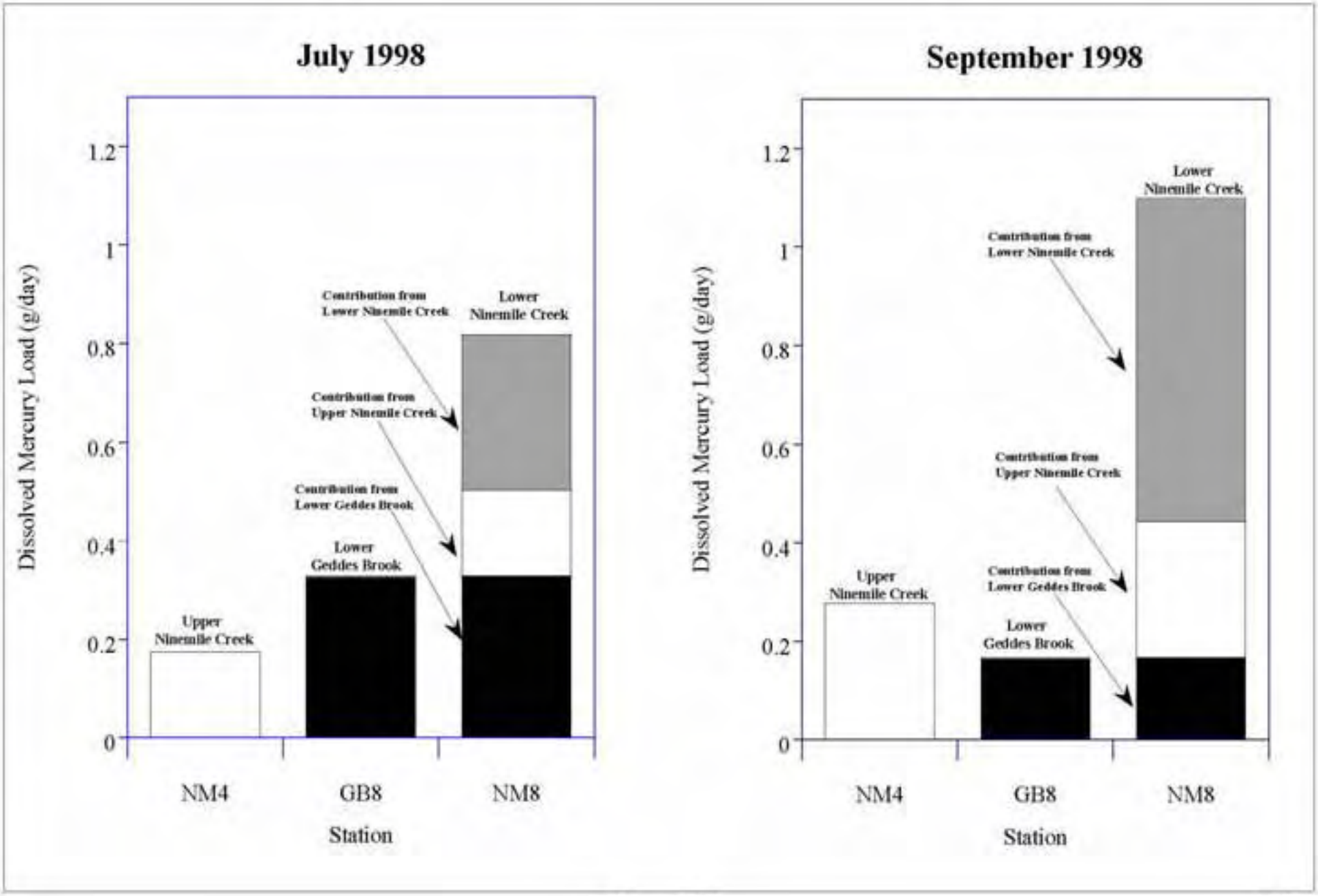
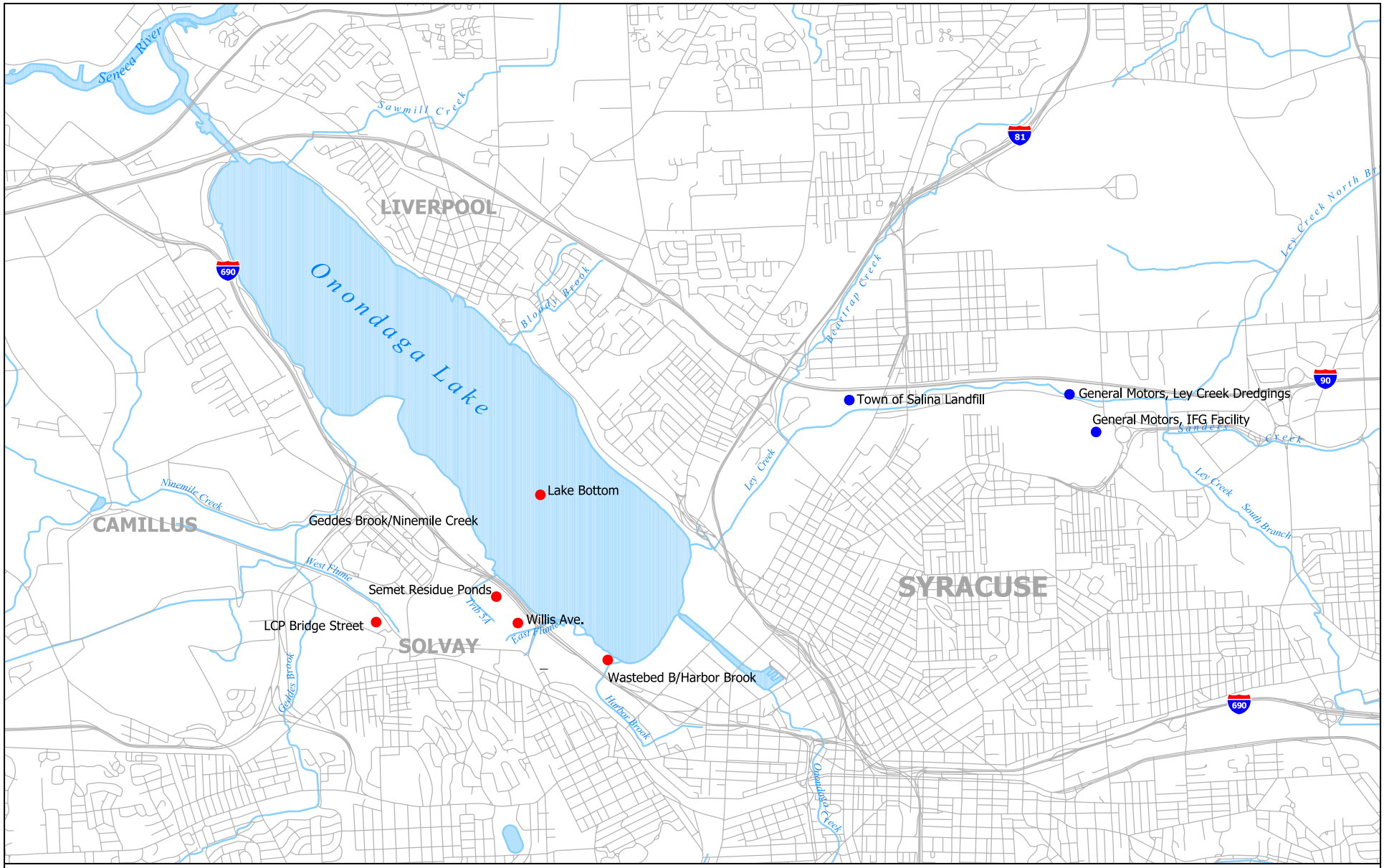


Figure 8. Comparison of Total Mercury Loads in Surface Water of Geddes Brook and Ninemile Creek in 1998

Source: RI Figure 6-6b (TAMS/Earth Tech, 2003c)



Honeywell NPL Subsite

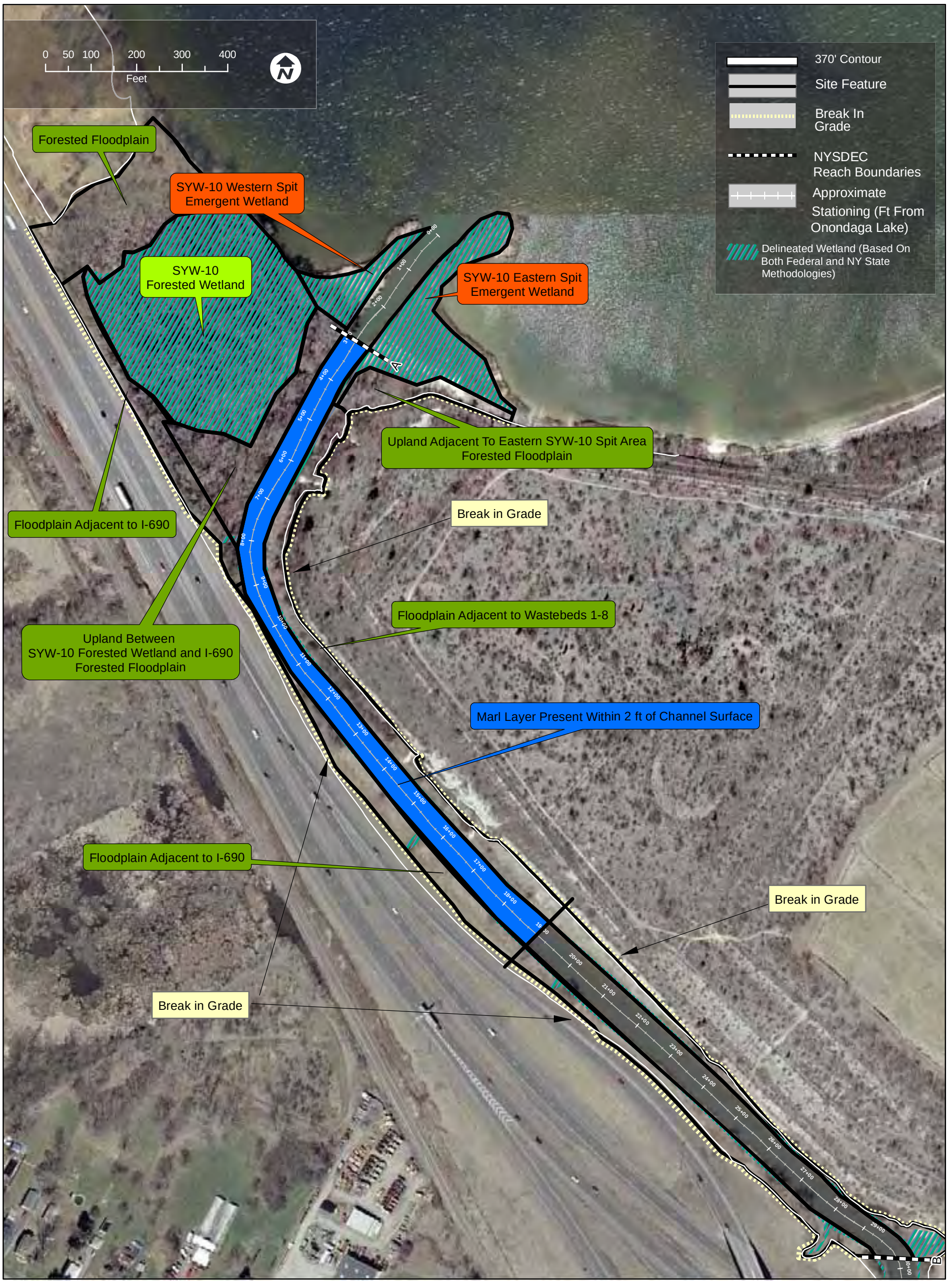
Non-Honeywell NPL Subsite

5000 0 5000 Feet

1000 0 1000 Meters

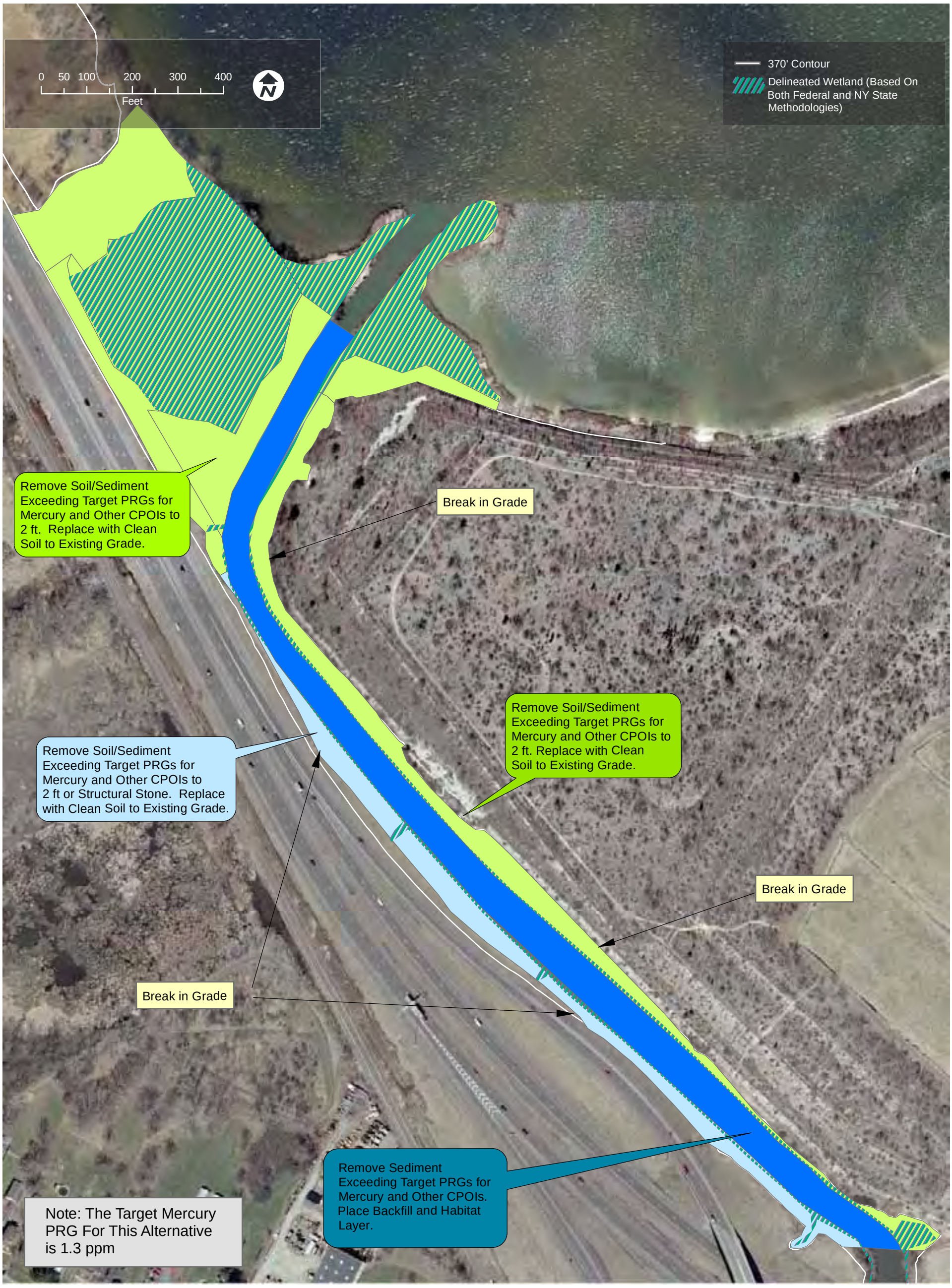
Figure 9. Location of Onondaga Lake NPL Subsites

Source: Onondaga Lake ROD Figure 5 (NYSDEC/USEPA, 2005)



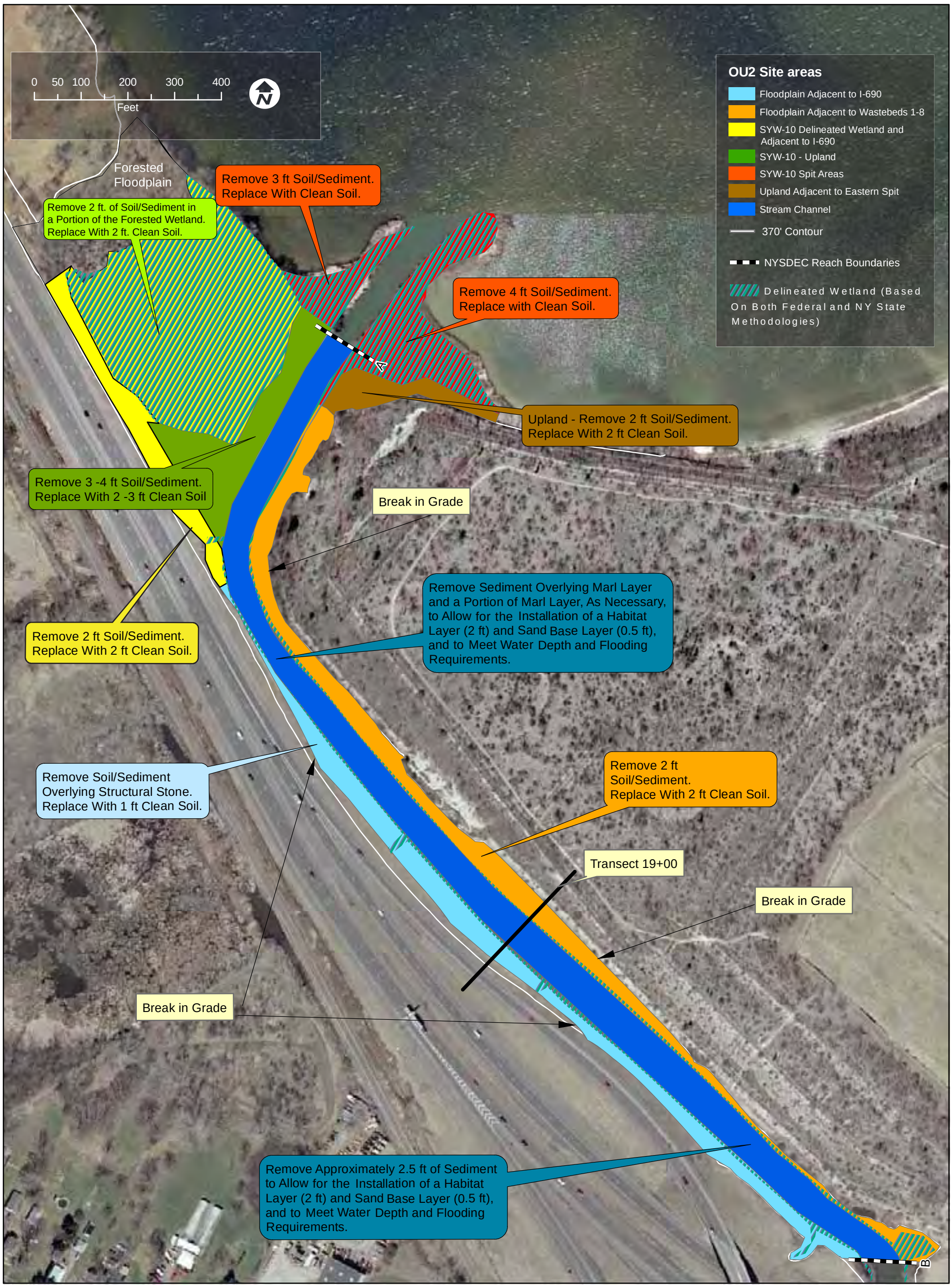
Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 10
OU2 Site Characteristics



Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 11
Alternative 2 Remedial Approach



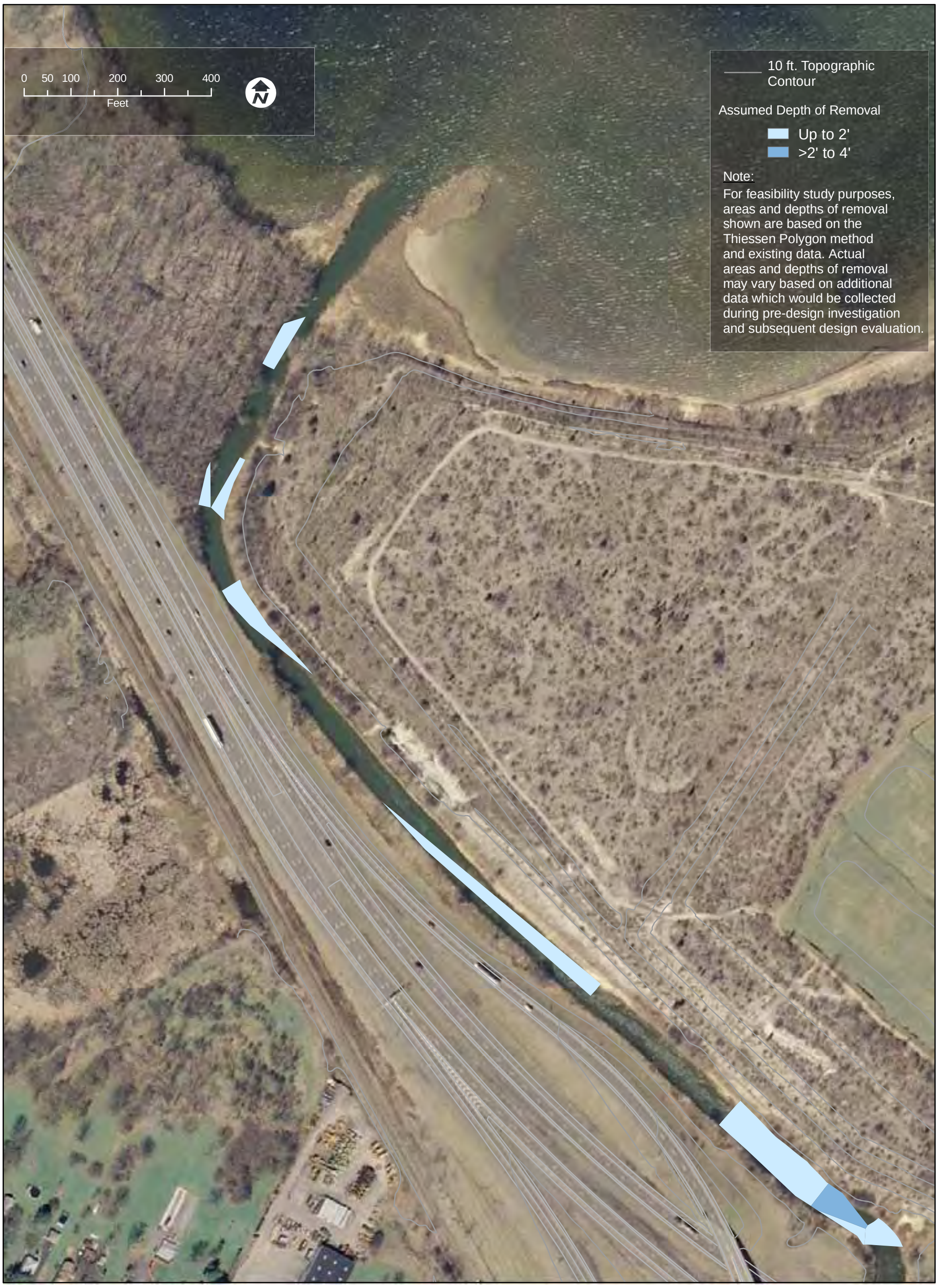
Note: Removal depths noted above are preliminary and would be finalized during remedial design.

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 12
Alternative 3 (Selected Remedy) Remedial Approach

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 13
Alternative 4 Remedial Approach



Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 14
Alternative 2 Removal Areas, Channel

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 15
Alternative 2 Removal Areas, Floodplain

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 16
Alternative 3 (Selected Remedy) Removal Areas, Channel

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 17
Alternative 3 (Selected Remedy) Removal Areas, Floodplain

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 18
Alternative 4 Removal Areas, Channel

Source: Modified from OU2 Supplemental FS (Parsons, 2009)

Figure 19
Alternative 4 Removal Areas, Floodplain