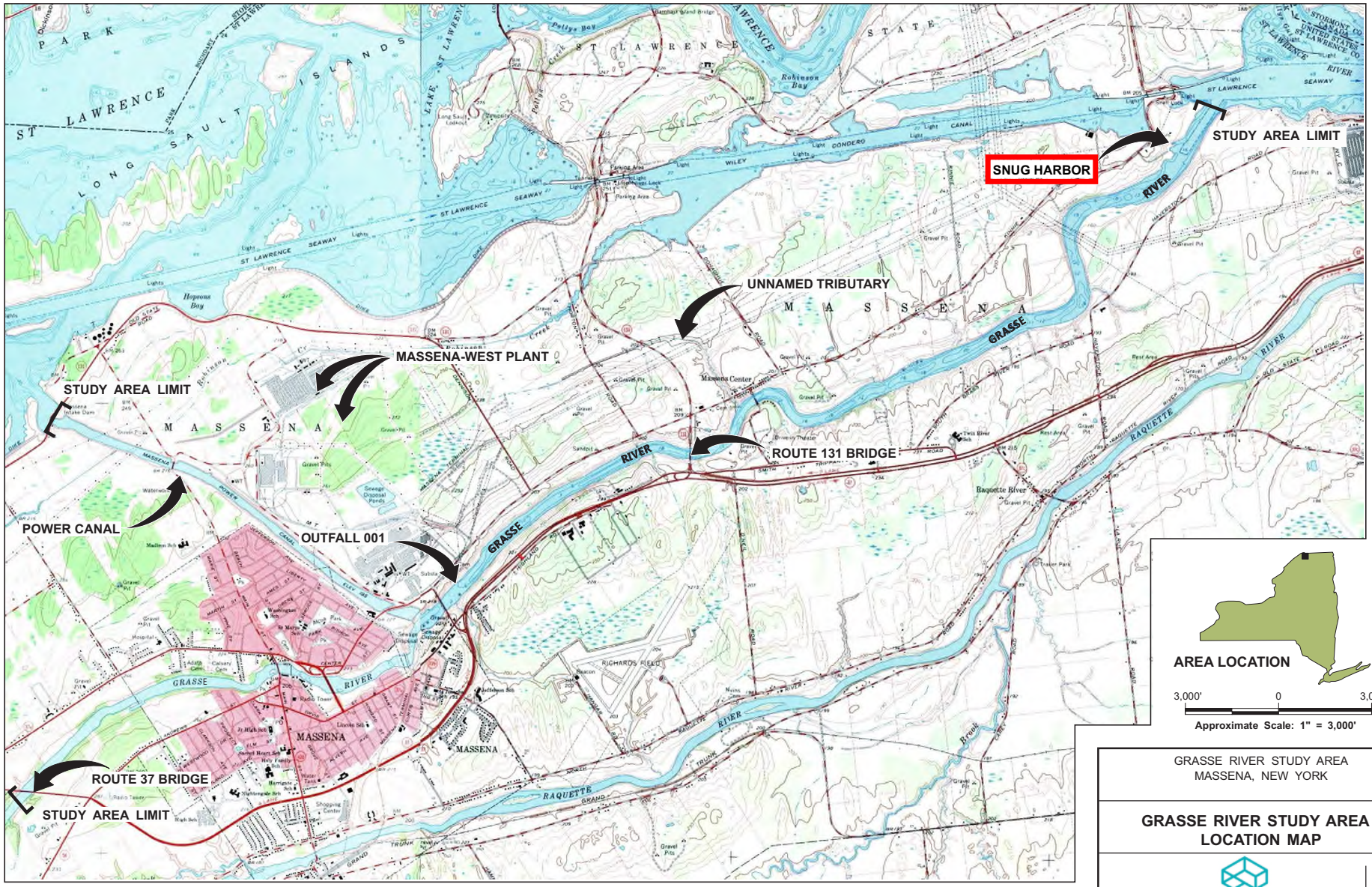


GRASSE RIVER STUDY AREA
MASSENA, NEW YORK

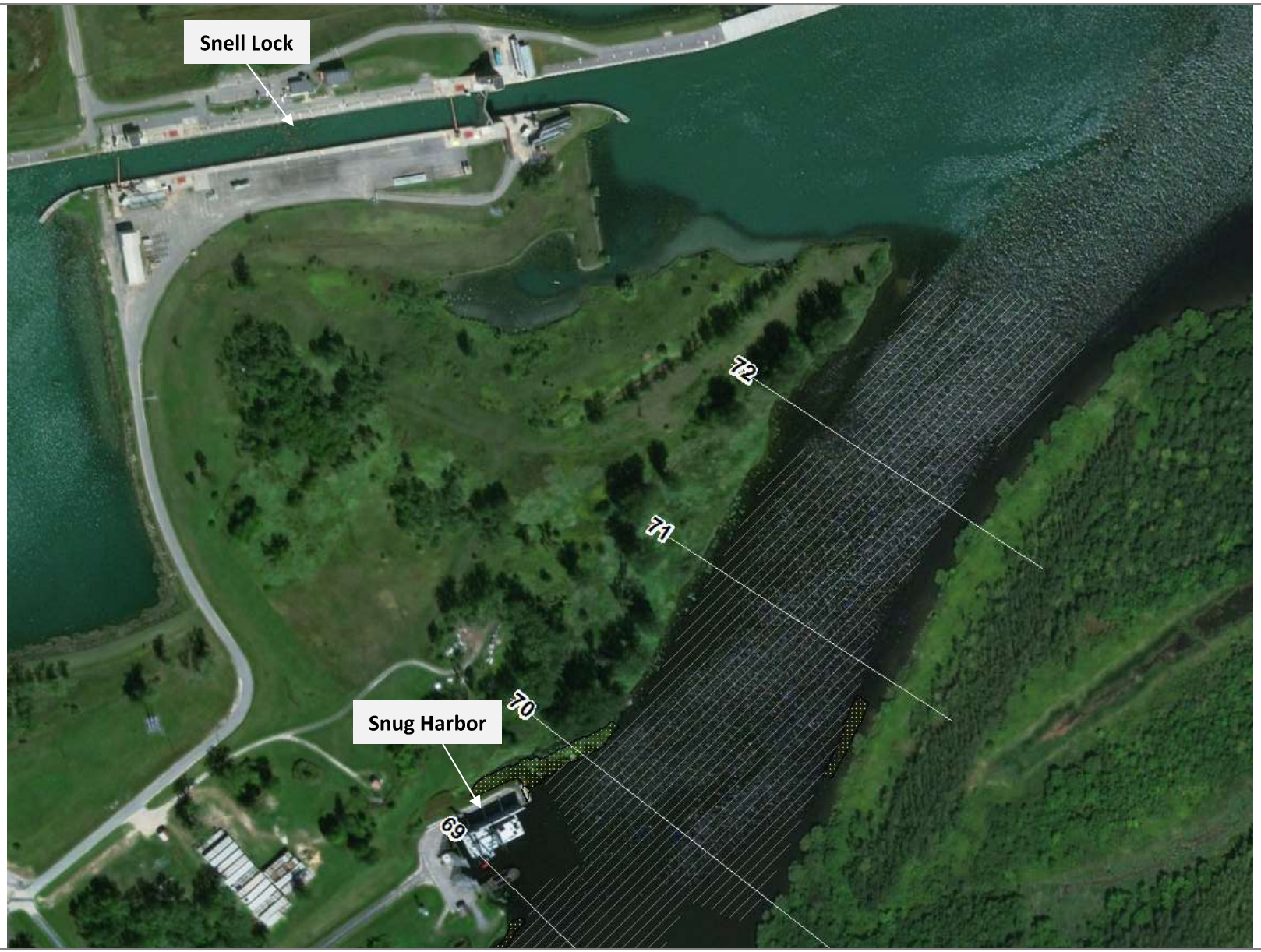
GRASSE RIVER STUDY AREA - LOCATION MAP

ARCONIC

FIGURE
1

08/23/2016 SYRACUSE, NY-ENV/CAD-DJHOWES
B0010886/0016/00001/CDR/10886N02.CDR, sh

REFERENCE: MASSENA, NEW YORK-ONTARIO USGS QUAD. 1964 RAQUETTE RIVER, NEW YORK-ONTARIO USGS QUAD. 1964



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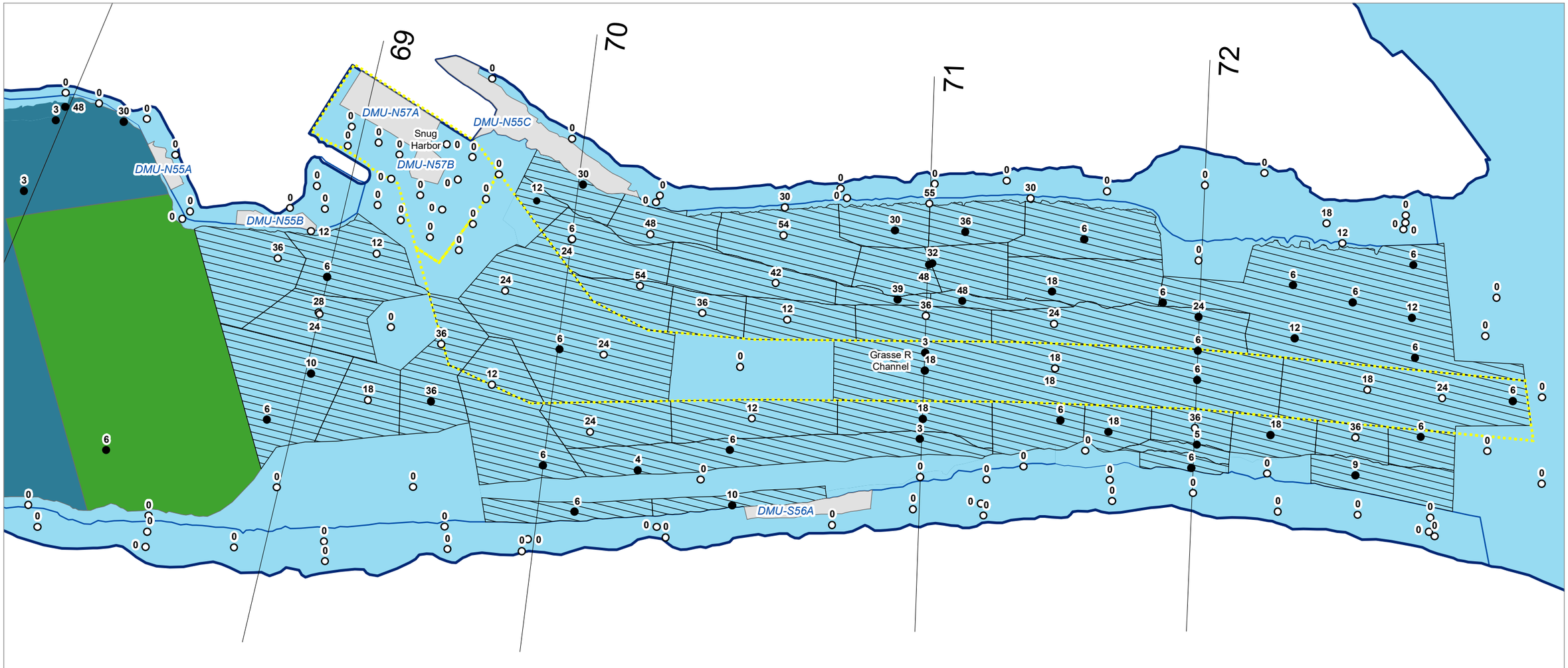
ARCONIC

Figure 2
Vicinity Around Snug Harbor

Grasse River Project/Arconic



LEGEND:

Sediment Sampling Locations
- ● Above Criteria
- ○ Below Criteria
- ✕ No Recovery

- Channel/Harbor Extents
- Dredge Management Units
- Near Shore Extent
- Grasse River Transects
- Grasse River Shoreline

Channel/Harbor Dredging Boundaries
- Navigational Dredging
- Remedial Dredging

Alt. 2 Proposed Cap Type
- 12 Inches Sand (as per FDR)
- 6 Inches Sand Plus 12 Inches Gravel Armor

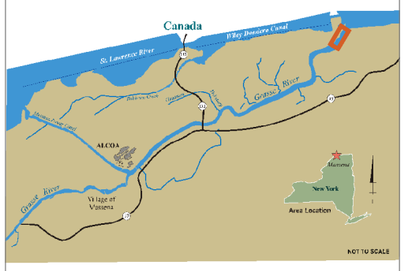
0 180
Feet

NOTE(S):
Horizontal Datum: NAD83 New York State Plane East (US Survey Feet)
Vertical Datum: USLS 1935

Sediment data points are labeled with their depth of contamination (DoC) in inches. Remedial criteria is based on ROD:
- Near Shore: 0-12" maximum PCB >= 1 mg/kg
- Main Channel: 0-6" maximum PCB >= 1 mg/kg

Remedial dredging is targeted for areas with sediment Total PCB concentrations greater than 1 mg/kg. Navigational dredging targets sediment above 135 feet elevation (USLS 1935), per the St. Lawrence Seaway Development Corporation's draft requirements. Areas of navigational dredging may be targeted if the remedial dredging target surface does not meet the navigational dredging target.

FDR: Final Design Report
mg/kg: milligrams per kilogram
PCB: polychlorinated biphenyl



Publish Date: 2020/01/29, 12:42 PM | User: slaroe
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ARCONIC

Figure 3
Snug Harbor Remedy Design
Grasse River/Arconic