

Grasse River Superfund Site Public Information Session

Thursday, April 10, 2025
6:00pm-7:30pm



Agenda

Introduction

Kelly Gaffney, EPA Remedial Project Manager

Project Update

Larry McShea, Arconic Project Manager

Dan Casey, Arcadis Construction Manager

Sarah Hill, Arcadis Environmental Monitoring Manager

2022 ice jam event

Cap repair overview

Work planned for 2025

What to expect

Questions and Answers

Project Team



Project Team

Presenters:

Kelly Gaffney – EPA Remedial Project Manager

Larry McShea – Arconic Grasse River Project Manager

Dan Casey – Arcadis Construction Manager

Sarah Hill – Arcadis Environmental Monitoring Manager

Support Agency Representatives:

John Armitage – New York State Department of Environmental Conservation

Daniel Tucholski – New York State Department of Health

Jay Wilkins – Saint Regis Mohawk Tribe Environment Division



Project Update

Grasse River Remediation Project

April 10, 2025

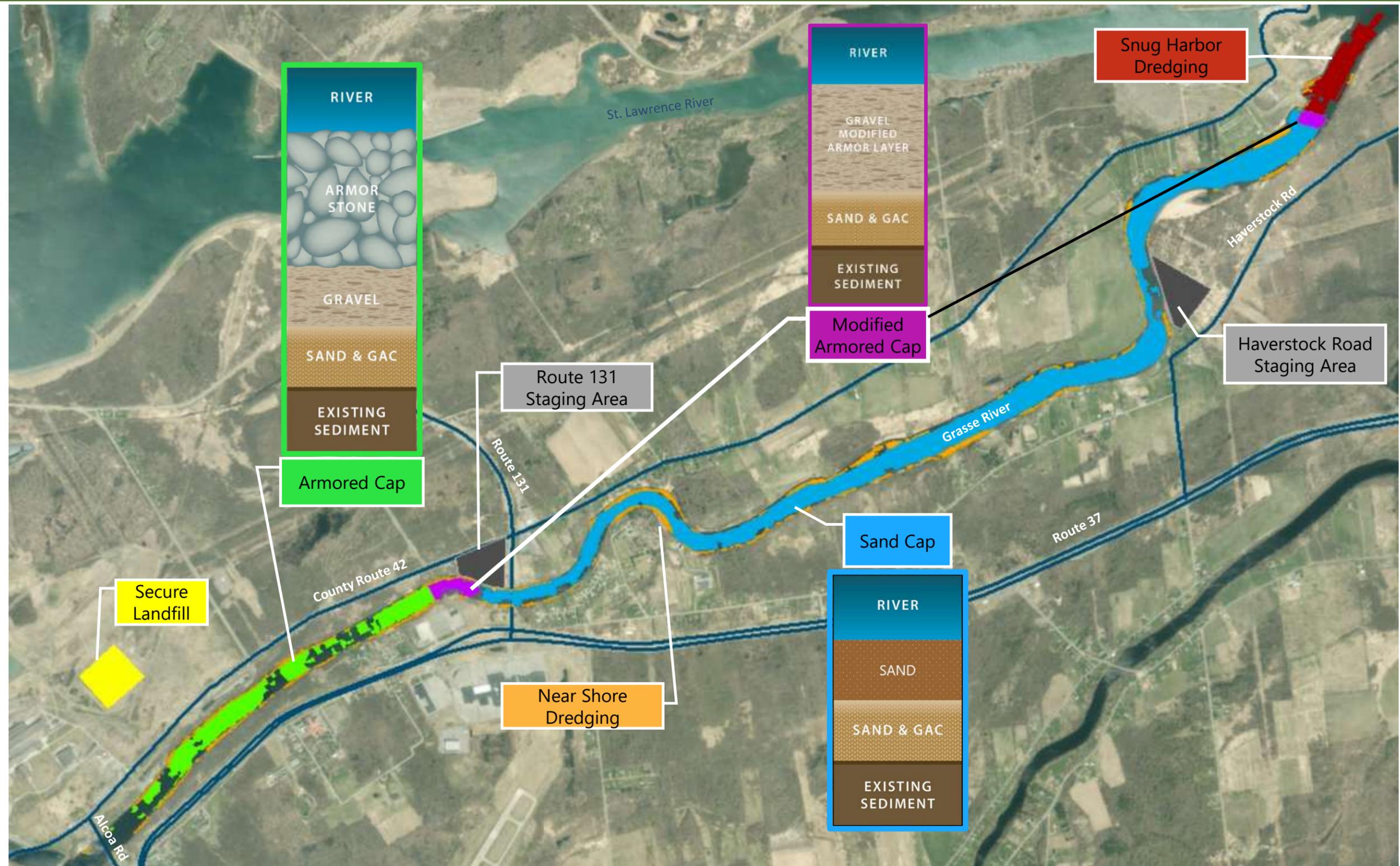


Topics to be Covered

- Grasse River Remedy Overview (Completed Fall 2021)
- Summary of 2022 Ice Jam and 2024 High Flow Event
- Cap Repair Overview
- What to Expect During Construction
- Boating and Swimming Safety
- Monitoring
- Resources for More Information
- Q and A



Grasse River Remedy Overview (2019-2021)



Summary – 2022 Ice Jam and 2024 High Flow Event

- ❑ Two low frequency events happened since completion of construction in 2021
 - March 2022 ice jam was first major jam since 2003
 - 2024 high-flow event estimated to be greater than 1 in 800-year event
- ❑ Impacts to the cap were limited in size
- ❑ Monitoring data (fish and water) collected following the events did not show significant impacts
 - Fish sampling results in 2023 were near or below the lowest levels on record
- ❑ Areas affected will be repaired with more erosion resistant material
- ❑ The monitoring program in the project operations and maintenance plan worked as designed
 - Events were recognized right after they happened and rapidly investigated

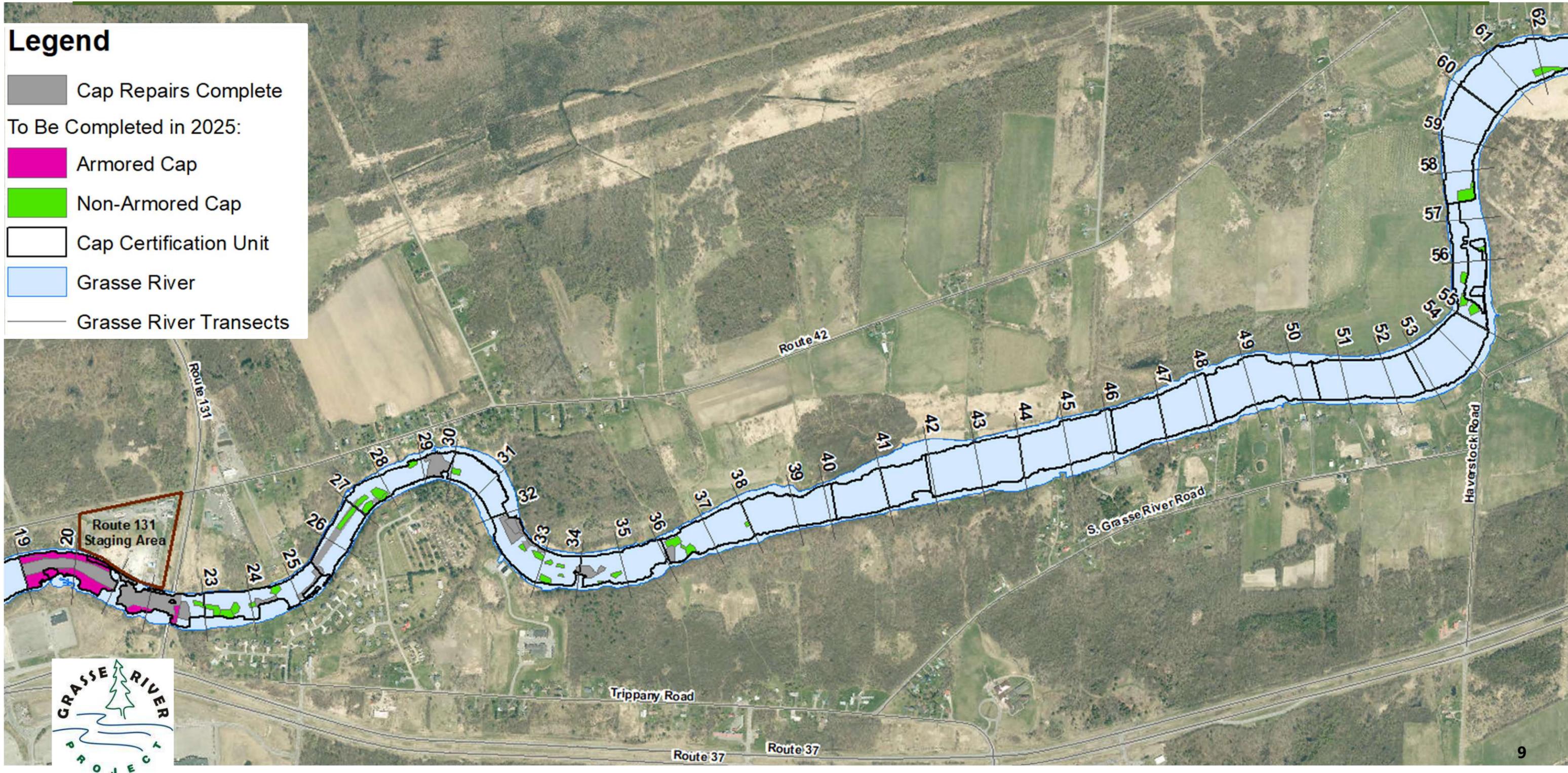


Grasse River Operations, Monitoring, and Maintenance Plan

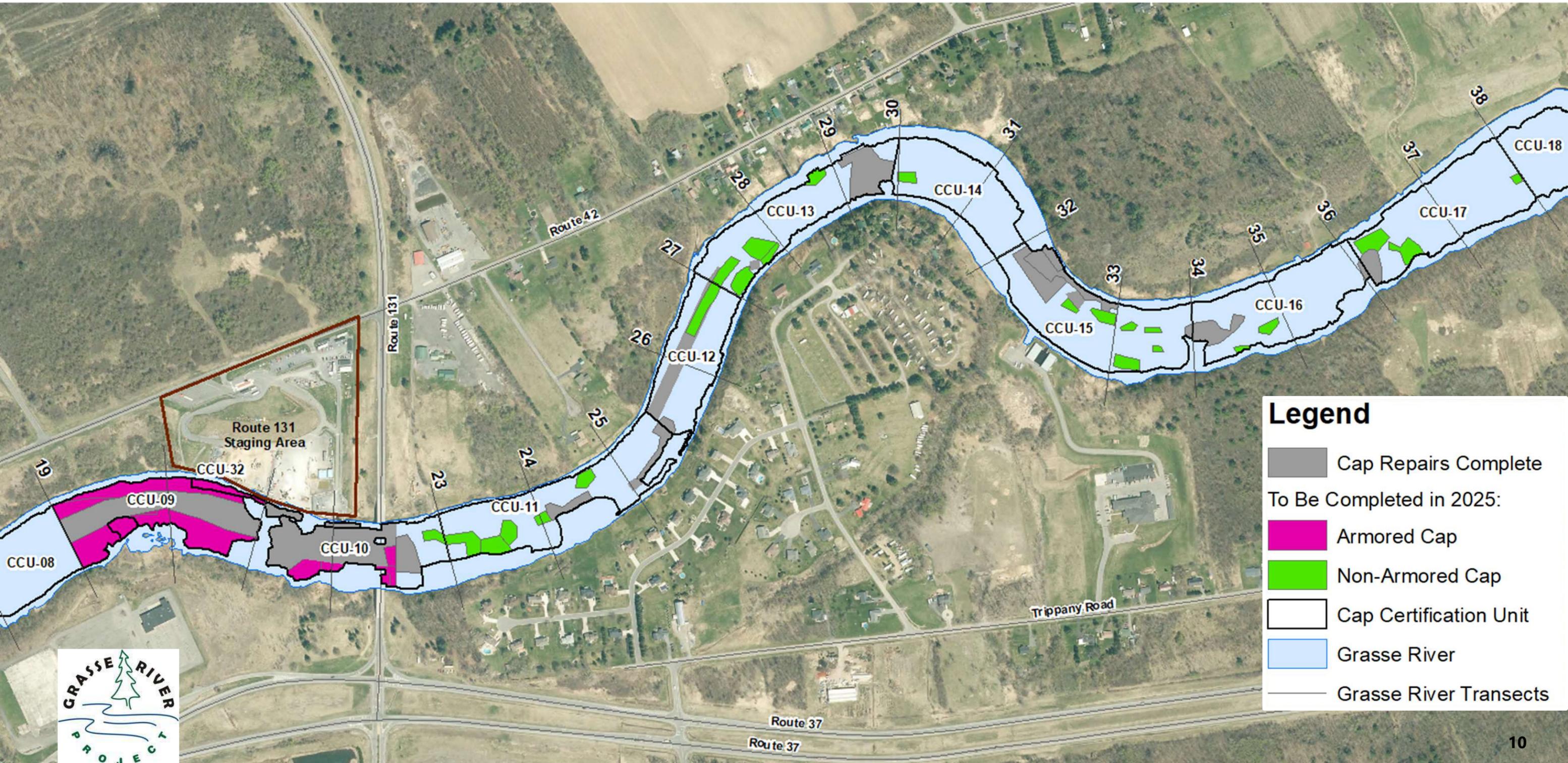
- ❑ Plan elements:
 - Water column monitoring
 - Fish monitoring
 - Cap monitoring
- ❑ The plan specifies response actions if an event occurs which could impact the cap
 - Actions are triggered by an ice jam or high flow-event exceeding specific thresholds
 - Daily monitoring is conducted throughout ice breakup to document if a jam occurs
- ❑ Response actions:
 - Water PCB and suspended solids testing
 - Survey potentially impacted cap areas
 - Inspection and potential sampling of floodplain areas
 - Collect additional data as necessary (e.g., sediment sampling)
 - Determine need for additional investigations or cap repair



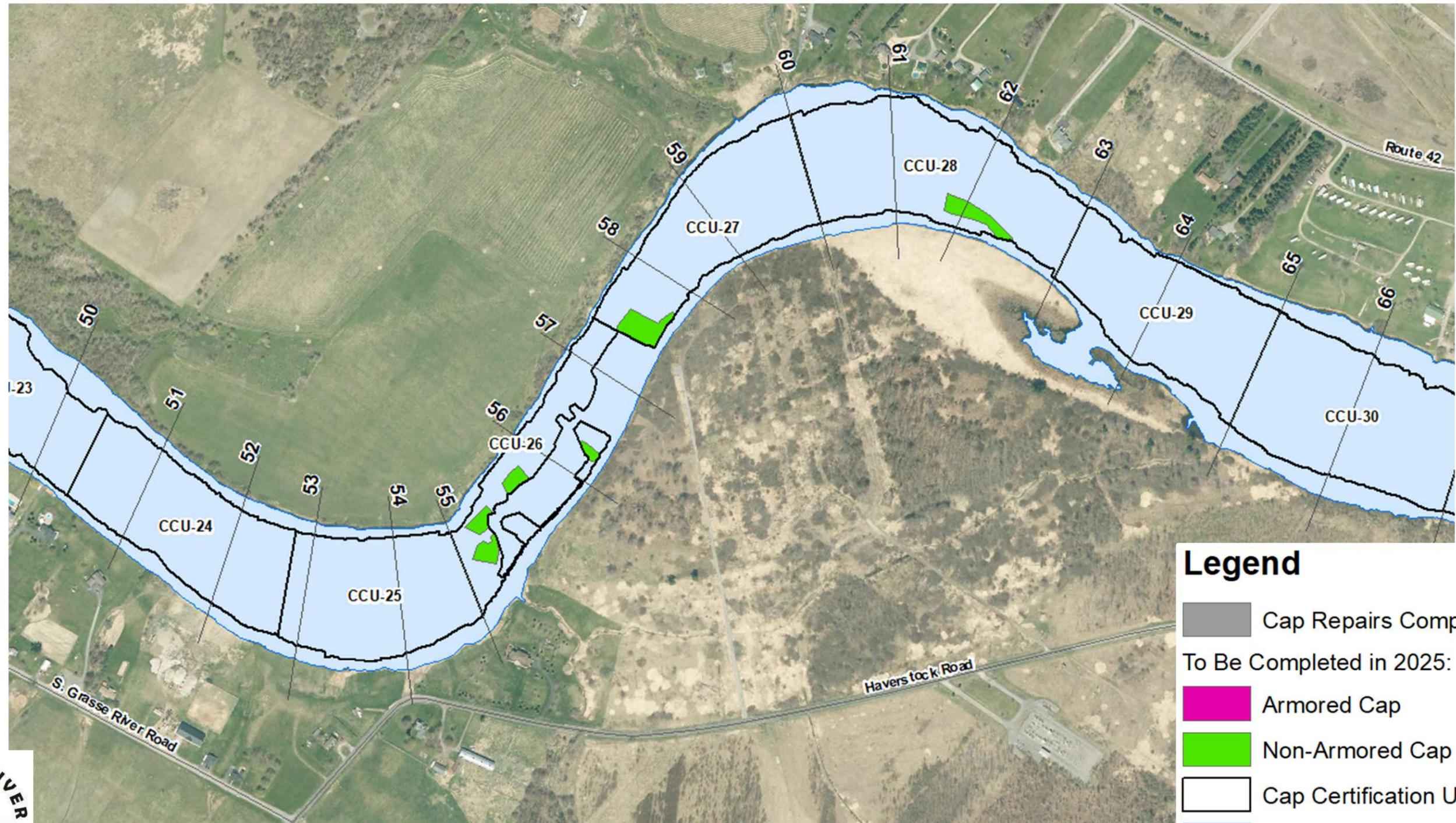
Cap Repair Overview - 2025 Construction



2025 Construction Areas – Focused View of Massena Center



2025 Construction Areas – Focused View Near Haverstock Road



Legend

- Cap Repairs Complete
- To Be Completed in 2025:
 - Armored Cap
 - Non-Armored Cap
- Cap Certification Unit
- Grasse River
- Grasse River Transects



Work Planned for 2025

- ❑ Armored Cap Work
 - Construction area will extend from ~1,500 feet upstream of Route 131 Bridge to just downstream of the bridge
 - Cap repair work initiated in prior years
 - 2025 work involves placement of final armor layer only
- ❑ Non-Armored Cap Work
 - Construction will be performed in isolated areas from downstream limit of armored cap work to downstream of river bend at Haverstock Road
 - Repair of impacted areas using more erosion resistant material than original construction

Cap Type	2025 Cap Extents (acres)
Armored Cap (2022 Ice Jam)	4.8
Non-Armored Cap (2024 High-Flow Event)	5.8
Total	10.6



What to Expect: Capping Operations

- ❑ Operations will be similar to work conducted in prior years
- ❑ Route 131 Staging Area activity
 - Material import, handling, and barge loading
 - Site security
 - Lighting and associated controls
- ❑ In-river operations
 - Barge transport of material
 - Cap placement
 - No interference with resident's docks
- ❑ Noise monitoring and environmental monitoring will be conducted

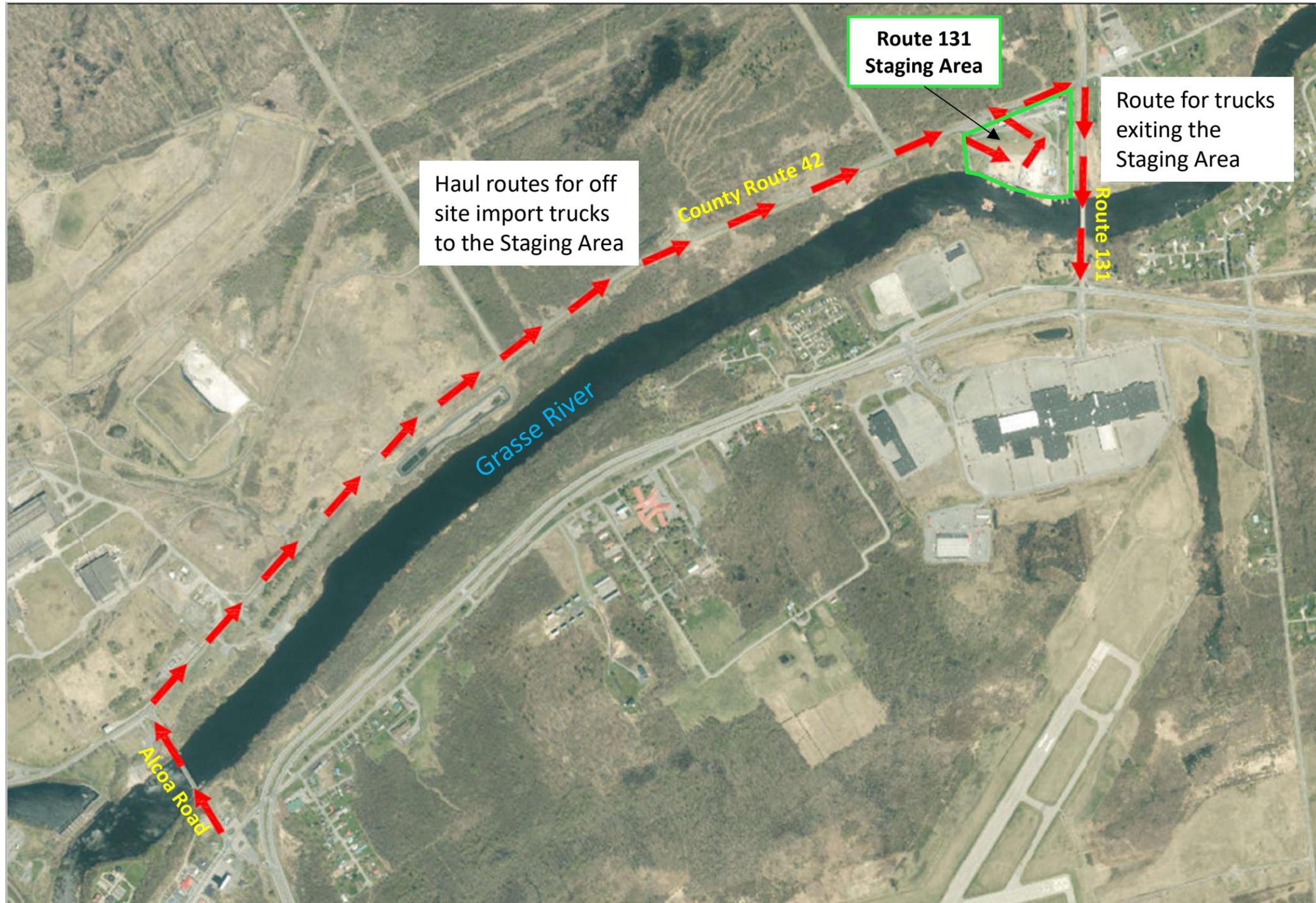


Operations:

- Mid April through early to mid July
- Monday through Saturday
- 6:00 a.m. to 6:00 p.m.



What to Expect: Truck Traffic Routes

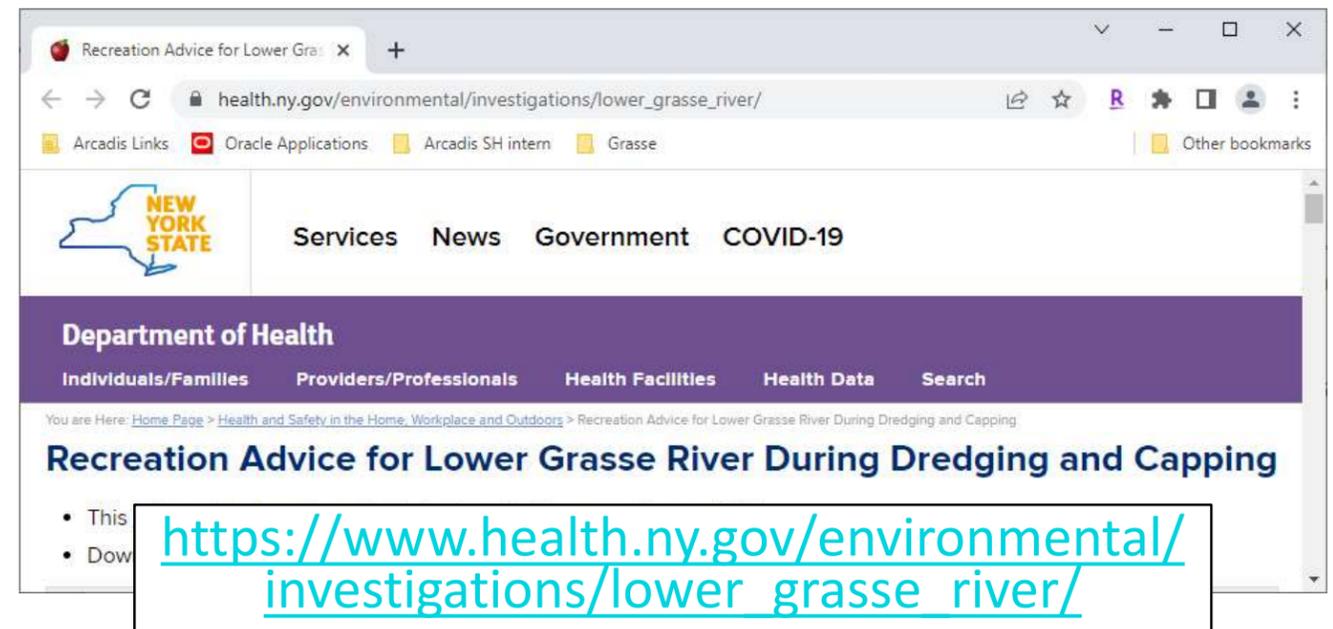
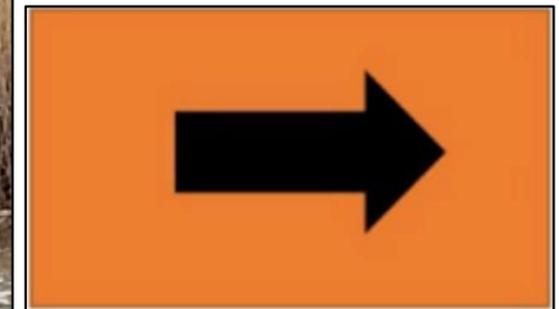


Boating and Swimming Safety

Please Take Precautions and Follow Signage Near Active Work Areas and Stay Clear to Keep Safe

- ❑ Boating work areas to be identified with floating signs
 - Reduce boat speed and maintain safe distance
 - Navigational arrows pointing direction for safe passage around equipment

- ❑ Avoid swimming near or immediately downstream of active work areas
 - Refer to NYS Department of Health swimming factsheet

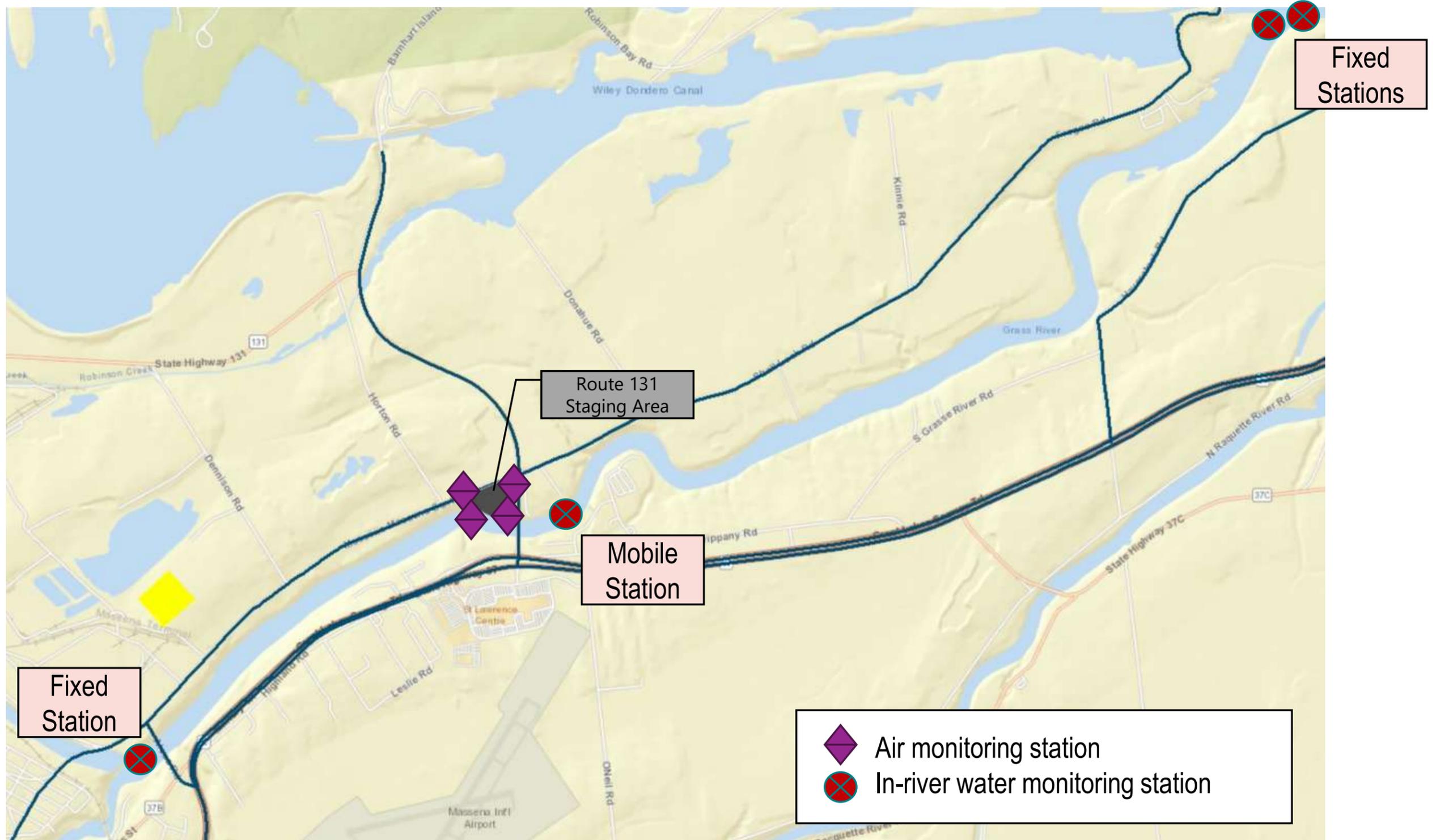


Environmental Monitoring

- ❑ Consistent with 2020/2021/2022/2024 capping
- ❑ Air monitoring for dust at Route 131 Staging Area
- ❑ Water monitoring for solids in the river and intakes and PCBs in the river at beginning of construction
- ❑ Defined project corrective action levels
- ❑ Monitoring data will be posted to the project website (<http://www.thegrasseriver.com/>)



Air and In-River Monitoring Locations



Intake Monitoring Locations



For More Information on the Grasse River Project

- ❑ Community updates distributed by U.S. EPA
- ❑ Visit U.S. EPA's project website:
www.epa.gov/superfund/alcoa-aggregate
- ❑ Visit Arconic's project website:
<http://www.thegrasseriver.com/>



If you have questions or concerns, please contact Arconic's community liaison:

Sue Flynn
(315) 764-4400
Susan.Flynn@arconic.com

- ❑ Additional contacts for more information:

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Daniel Tucholski	NYS Department of Health, Bureau of Environmental Exposure Evaluation	Phone: 518-402-7860 Email: BEEI@health.ny.gov
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Questions?

