# Grasse River Superfund Site
# Public Information Session

## Wednesday, September 11, 2024
## 6:00pm-7:30pm

EPA United States Environmental Protection Agency

# Agenda

## Introduction

*Young Chang, 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 2024
- What to expect

## Questions and Answers

*Project Team*

# Project Team

## Presenters:

Young Chang – 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

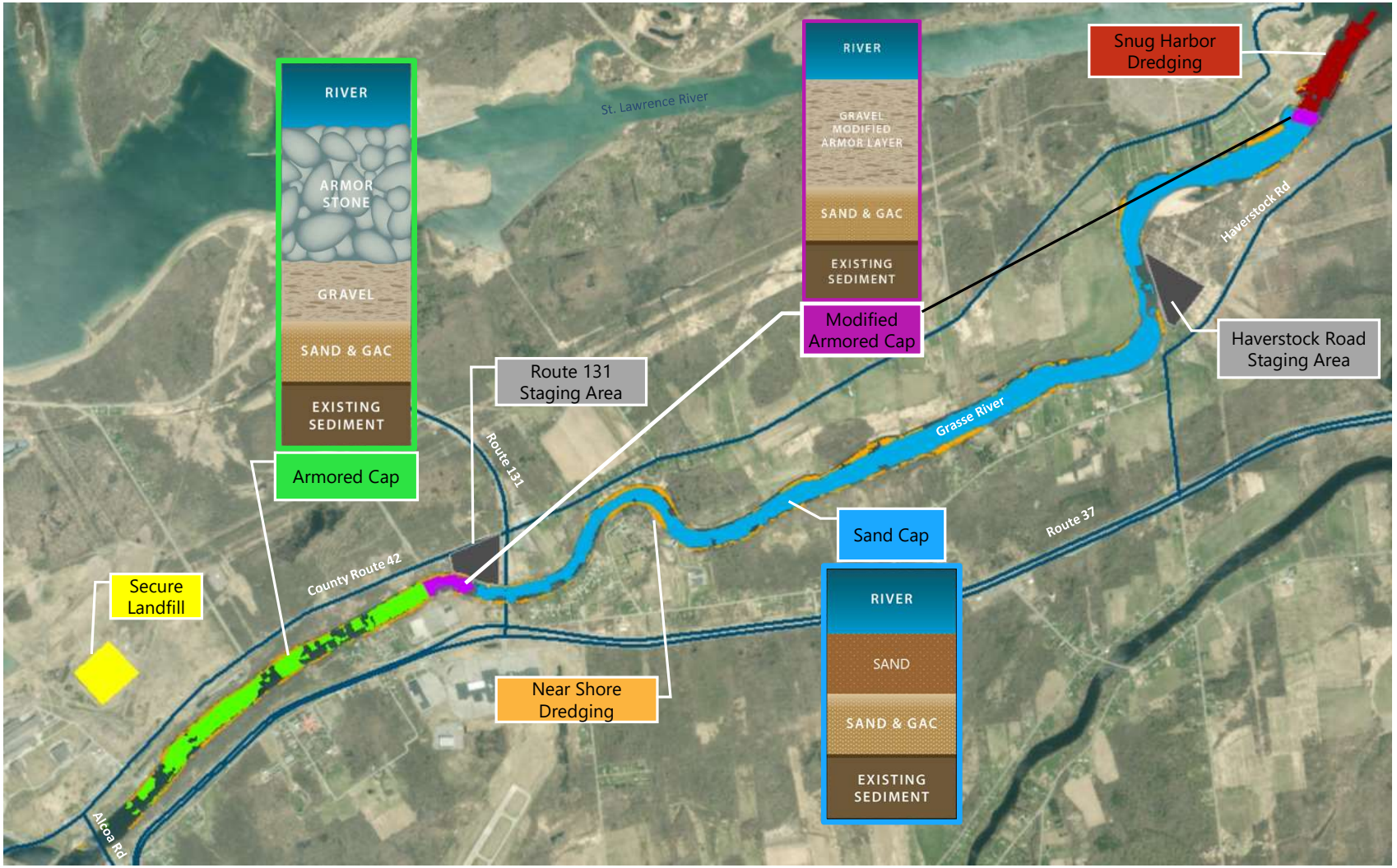
## Grasse River Remediation Project

September 11, 2024

# Topics to be Covered

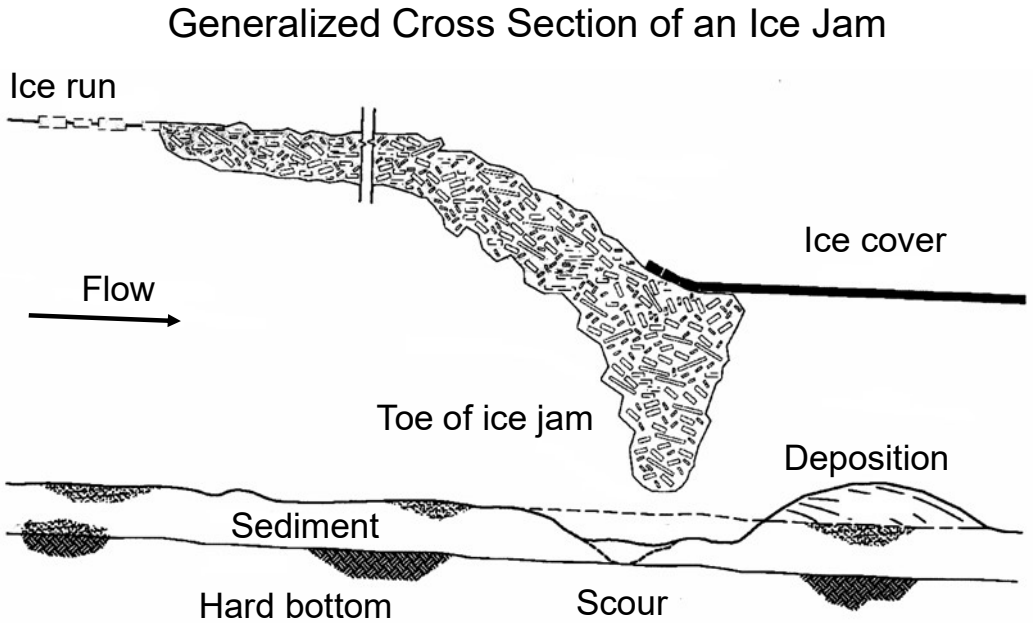
- Grasse River Remedy Overview (Completed fall of 2021)
- 2022 Ice Jam Event Review
- 2022 Cap Repair Overview
- Work Planned for 2024
- What to Expect During Construction
- Boating and Swimming Safety
- Monitoring
- Resources for More Information
- Q and A

# Grasse River Remedy Overview (2019-2021)

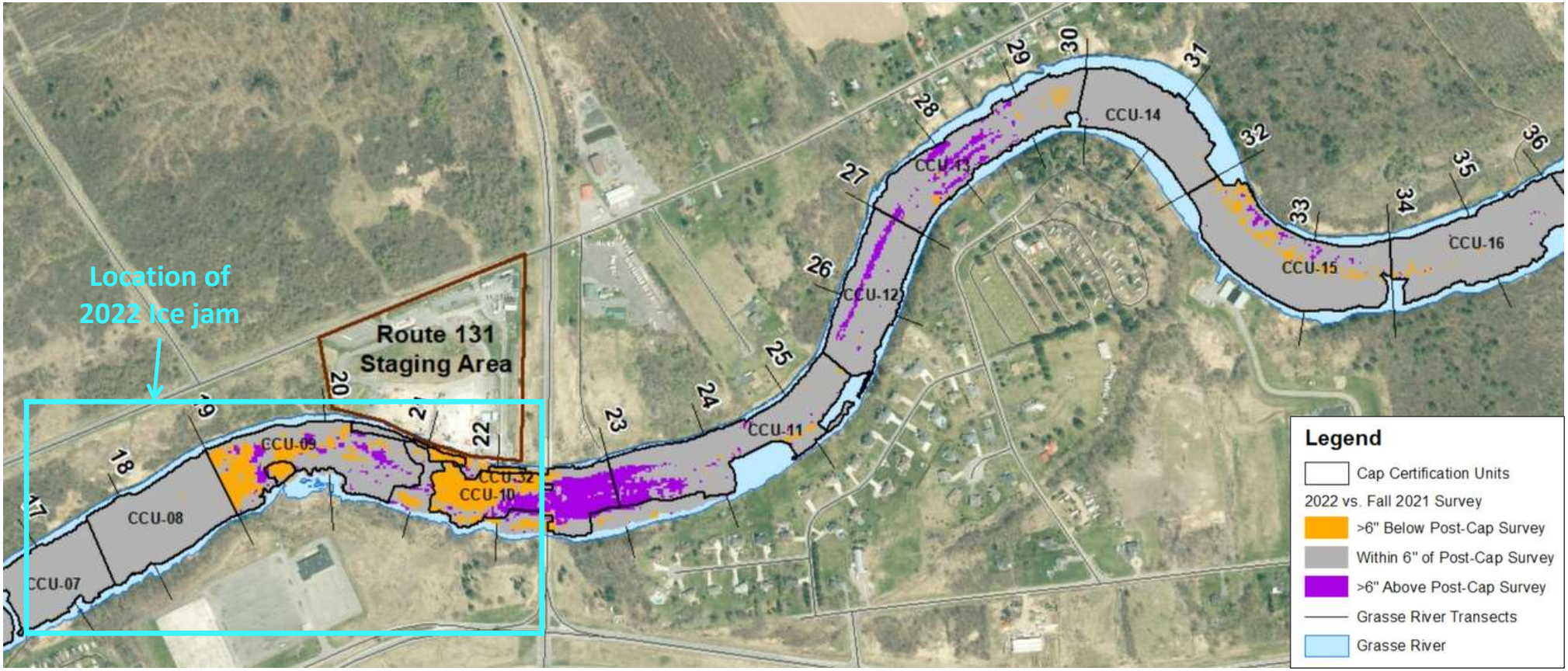


# 2022 Ice Jam Review


Route 131 Staging Area Looking Upstream
Tuesday March 22 – 3:10 p.m.



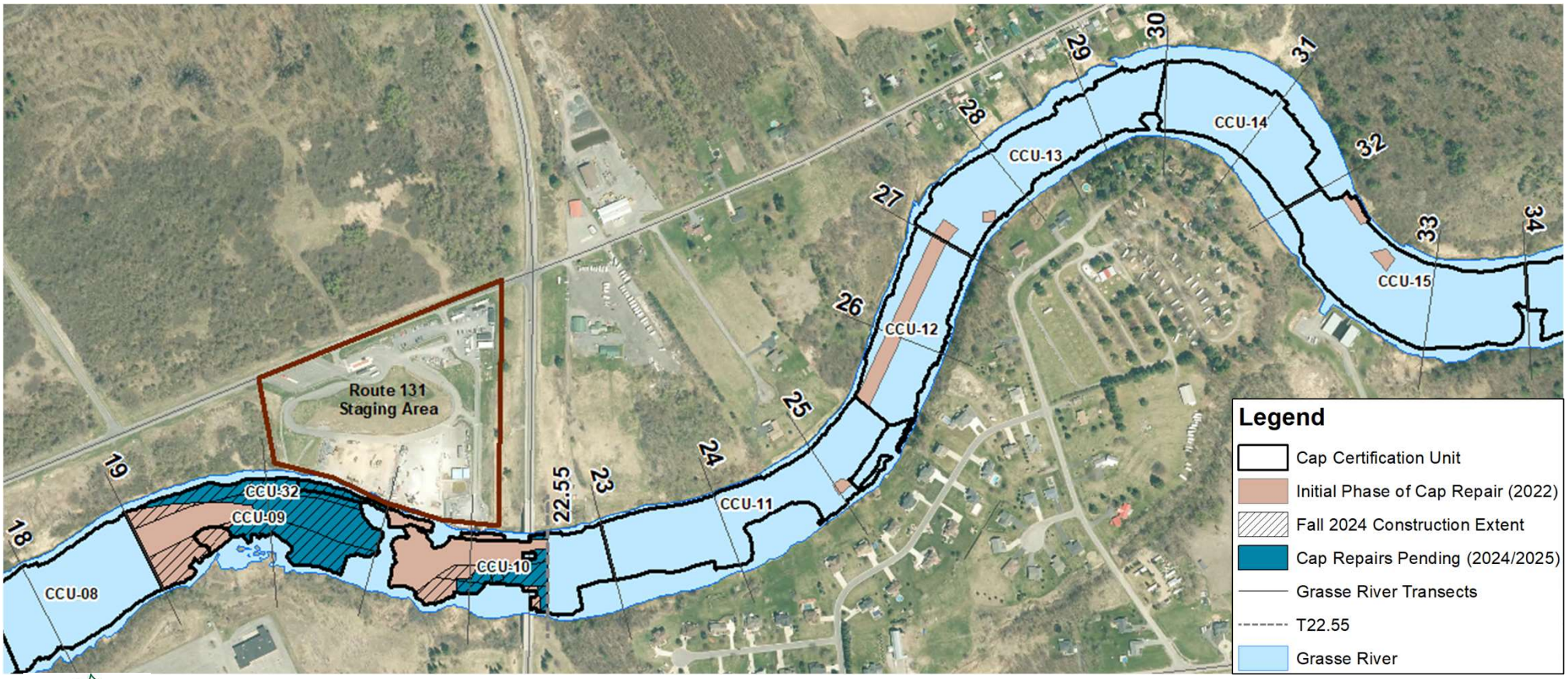
# Location of 2022 Ice Jam



# 2022 Ice Jam Review

- The ice jam first formed ~2,500 ft upstream of Rt. 131 Bridge then shifted to ~250 ft upstream of bridge
  - Less than 2% of the river bottom experienced greater than 6 inches of erosion
  - Less than 1 acre (or less than 0.4%) of the river bottom experienced erosion into native sediments beneath the cap
- Upstream of Rt. 131 Bridge
  - Survey data indicates no damage to the armored cap; armored cap withstood ice jam forces
  - Scour within portions of the modified armored cap and sand cap
- Downstream of the Rt. 131 Bridge
  - Caps are generally intact with localized areas requiring cap repair
- Water column and fish sampling after the ice jam event do not show any significant impacts as a result of the event
  - Fish sampling results in 2023 were near or below the lowest levels on record since monitoring was initiated in the 1990's

# Cap Repair Extents



# Work Planned for 2024 and 2025

*Phased Cap Repair Approach*

- 2024 Scope
  - Continue cap repairs initiated in 2022 to extend full armored cap to just downstream of Route 131 Bridge
  - Work to begin mid-September and continue into November 2024
  - Construction area will extend from ~1,500 feet upstream of Route 131 Bridge to just below the bridge

- 2025 Scope
  - Portion of the armor cap planned for completion in 2025 as cap layers need to settle in some areas before the next layer can be placed to make sure the cap is stable

# What to Expect: Capping Operations

- Operations will be similar to work conducted in 2020, 2021, and 2022

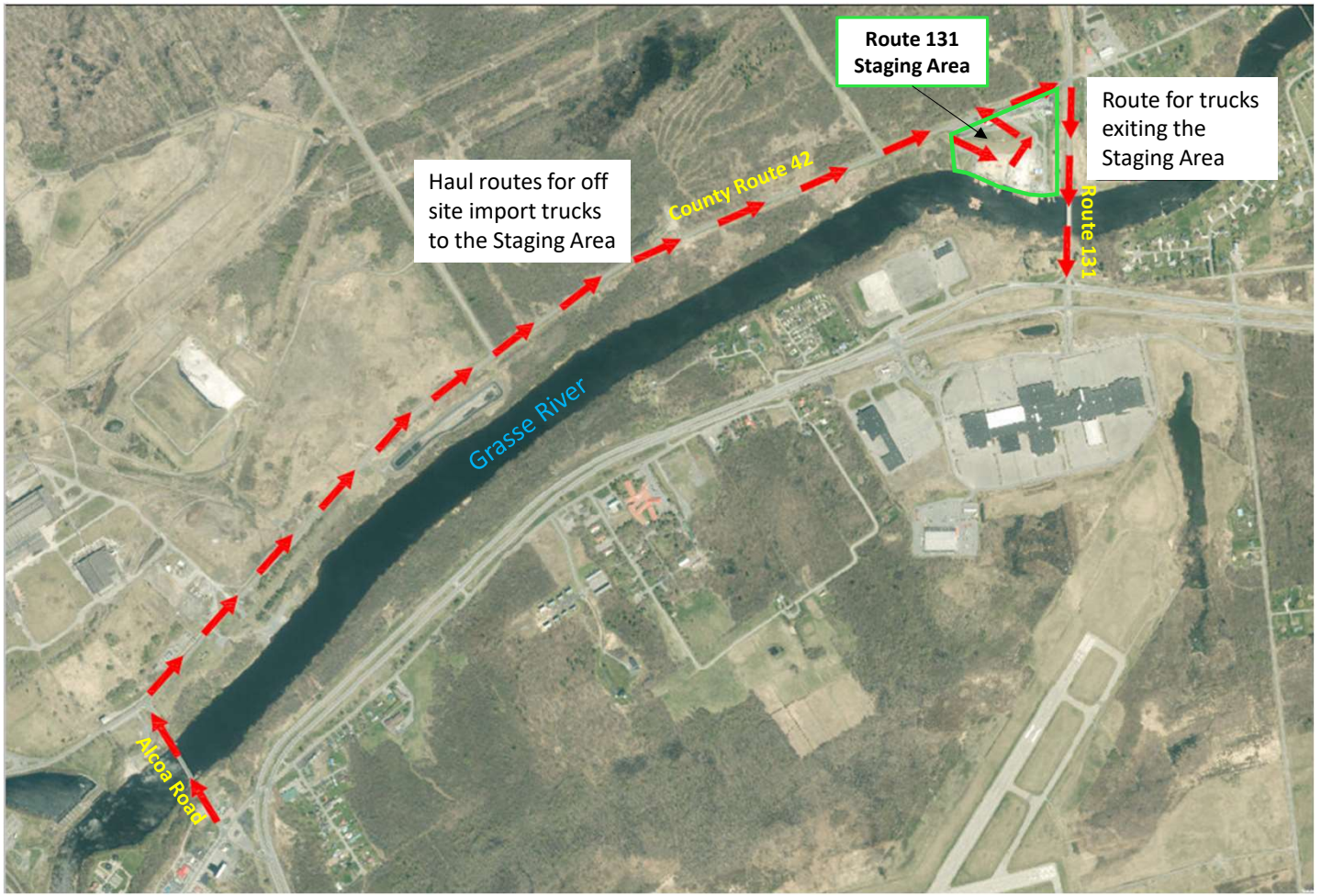
- Route 131 Staging Area activity
  - Material import, handling, and barge loading
  - Site security
  - Lighting and associated controls

- In-river operations
  - Barge transport of material
  - Cap placement
  - No interference with resident docks

- Noise monitoring will be conducted

Operations:
- Early September through mid-November 2024
- Monday through Saturday
- 6 am to 6 pm

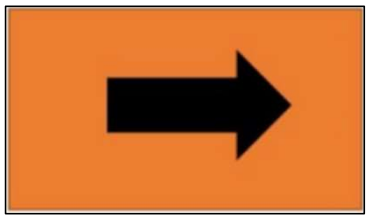
# What to Expect: Truck Traffic Routes



# 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
  - Reduced boat speed and safe distance
  - Navigational arrows pointing direction for safe passage around equipment

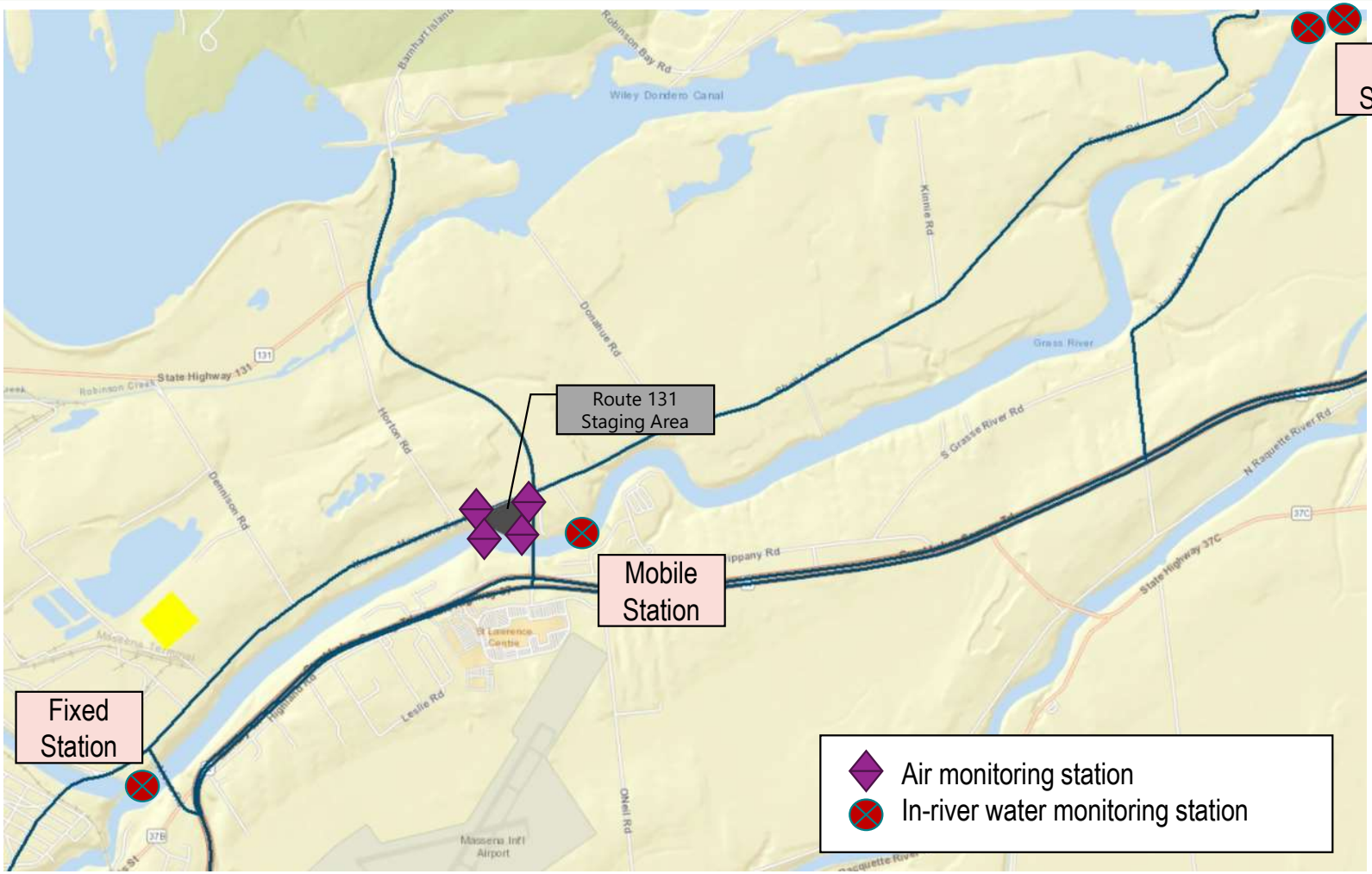



- Avoid swimming near or immediately downstream of active work areas
  - Refer to NYS Department of Health swimming factsheet

# Environmental Monitoring

- Consistent with 2020/2021/2022 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 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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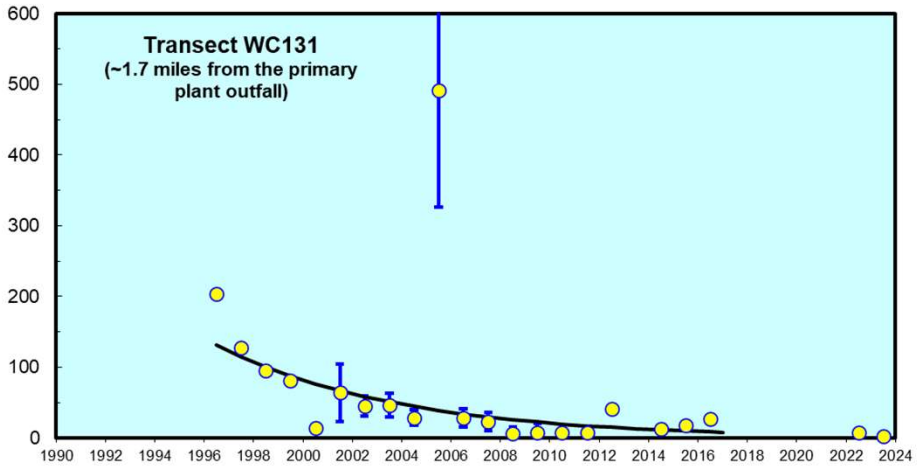
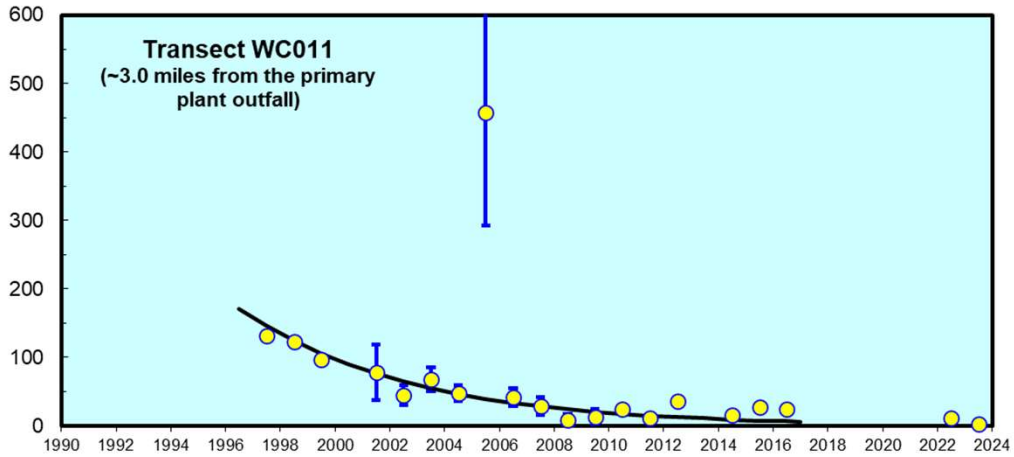
|---|---|---|
| Young Chang | U.S. Environmental Protection Agency | Phone: 212-637-4253<br>Email: chang.young@epa.gov |
| Larry McShea | Arconic Project Manager | Phone: 724-337-5458<br>Email: Larry.McShea@arconic.com |
| John Armitage | NYS Department of Environmental Conservation | Phone: 518-402-9683<br>Email: john.armitage@dec.ny.gov |
| Daniel Tucholski | NYS Department of Health, Bureau of Environmental Exposure Evaluation | Phone: 518-402-7860<br>Email: BEEI@health.ny.gov |
| Jay Wilkins | St. Regis Mohawk Tribe | Phone: 518-358-5937, ext. 5061<br>Email: jay.wilkins@srmt-nsn.gov |

# Questions?

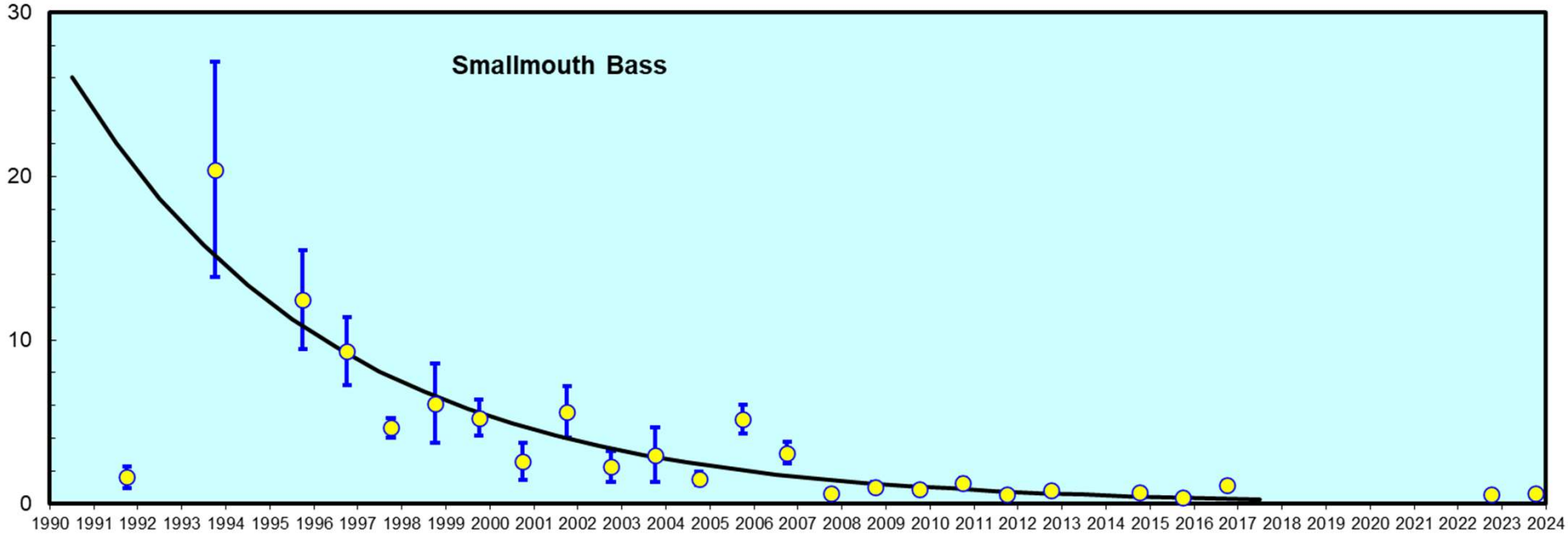
# Changes in Summertime Average Water Column PCBs (ppt)




ppt = parts per trillion, it is computed as the mass of contaminant in the water sample divided by the volume of the water sample (for example, 0.000000001 grams of PCB in one liter of water equals 1 ppt)

# Changes in Average Fish Tissue PCBs (ppm) from the Middle Stretch




ppm = parts per million, it is computed as the mass of contaminant in the fish tissue sample divided by the mass of the fish tissue sample (for example, 0.000001 grams of PCB in one gram of fish tissue sample equals 1 ppm)

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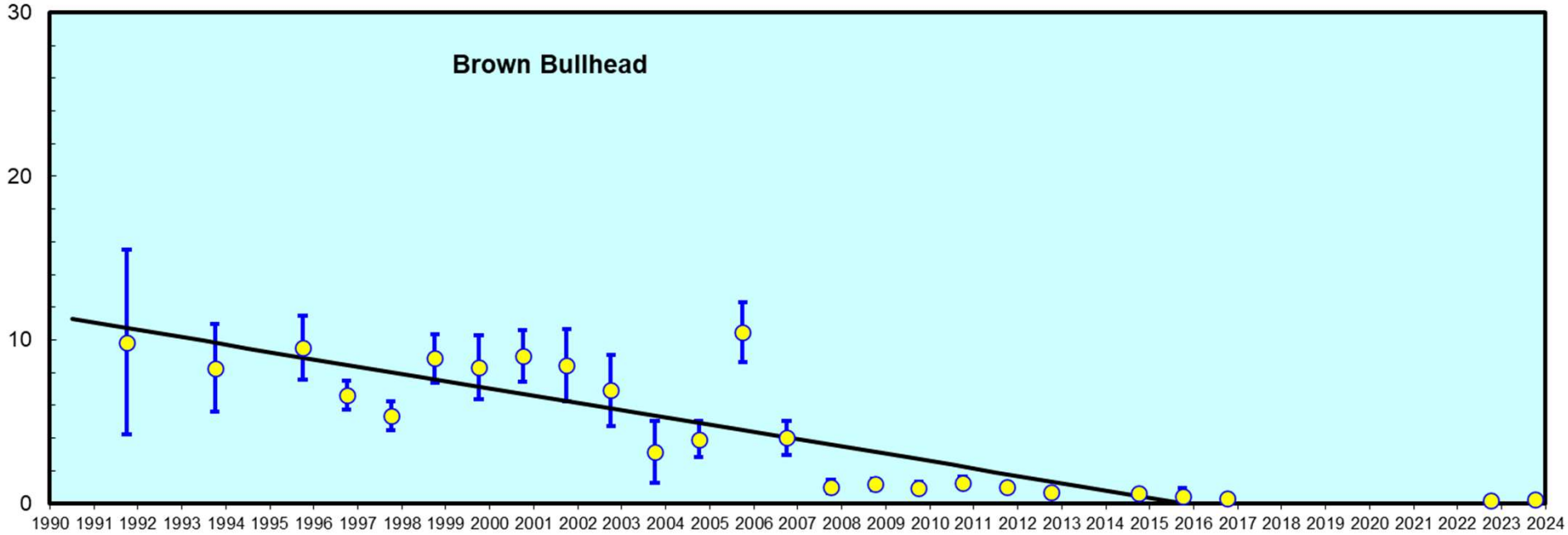


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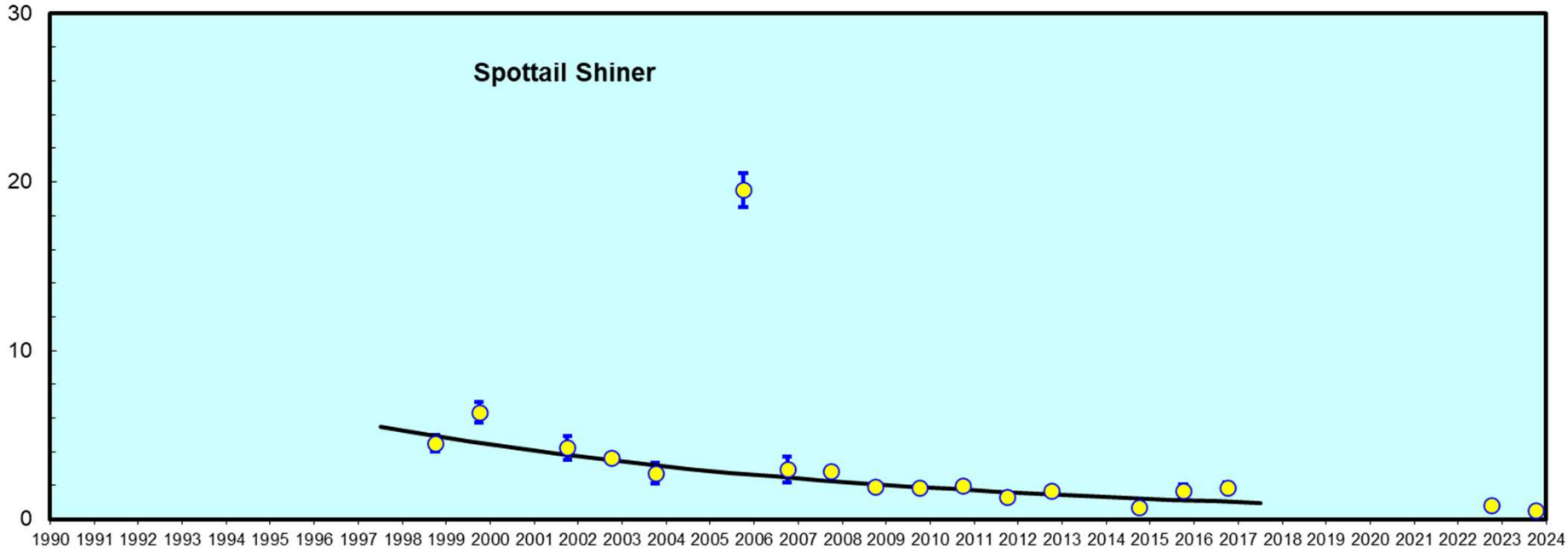


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