Photo Essay: 2017 Lake Level photos and their FIRM maps

Data: Lake Coast communities insurance claims (data from Jan to October each year)

2016: 2 **2017: 762**

Issues and Concerns:

- Lake front flooding on low lying parcels.
- Entire neighborhoods and their road flooded.
- Marinas suffered flooding since most are immediately adjacent to the shore.
- Getting flooding from lake, in addition from wetland to the rear of the building.
- Want to build large berm systems, but only own a small parcel.
- Want to stop or slow wave action.
- Have damage to basements; possible utilities.
- Want to keep yard from flooding, while building is at a slightly higher elevation and dry.

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Shore Acres, Hamlin, Monroe Co.
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Shore Acres, Hamlin

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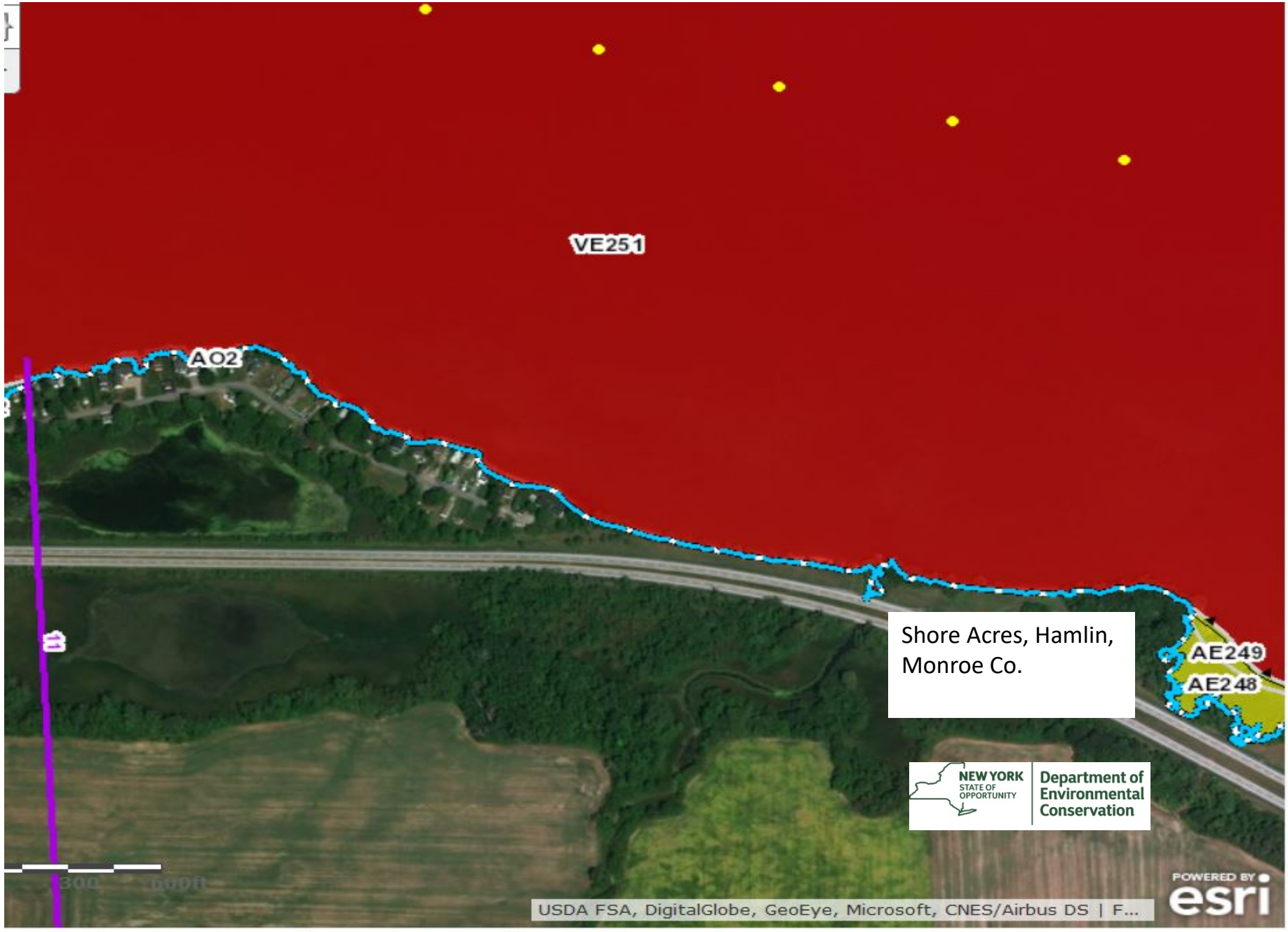
Miles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Shore Acres, Hamlin, Monroe Co.
NEW YORK
STATE OF OPPORTUNITY
Department of Environmental Conservation
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Newco Dr., Hamlin, Monroe Co
NEW YORK
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Department of Environmental Conservation

Newco Drive, Hamlin

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Miles

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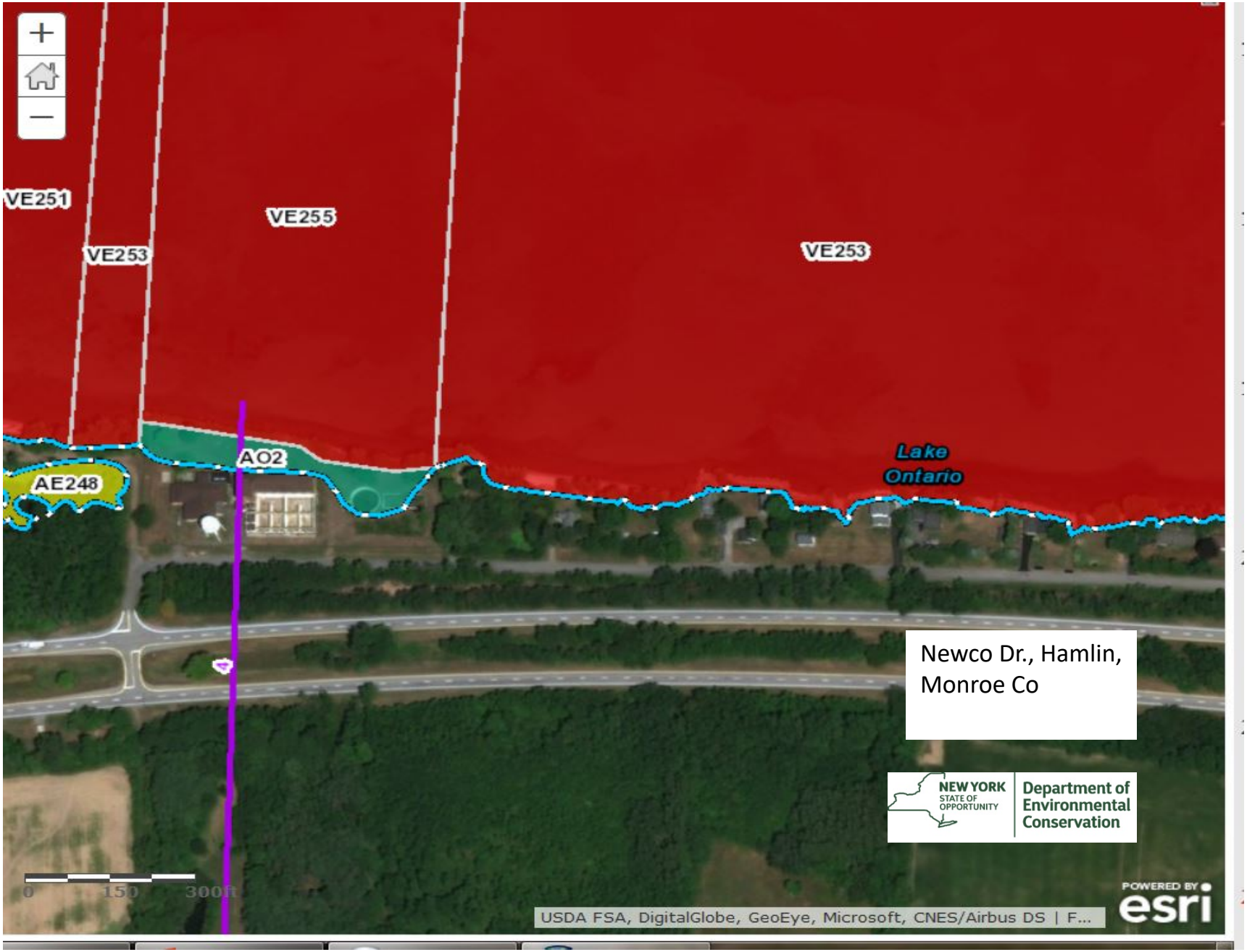
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Marina in Sodus Point, Wayne Co.
NEW YORK
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OPPORTUNITY
Department of
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Marina in Sodus Point, Wayne Co.

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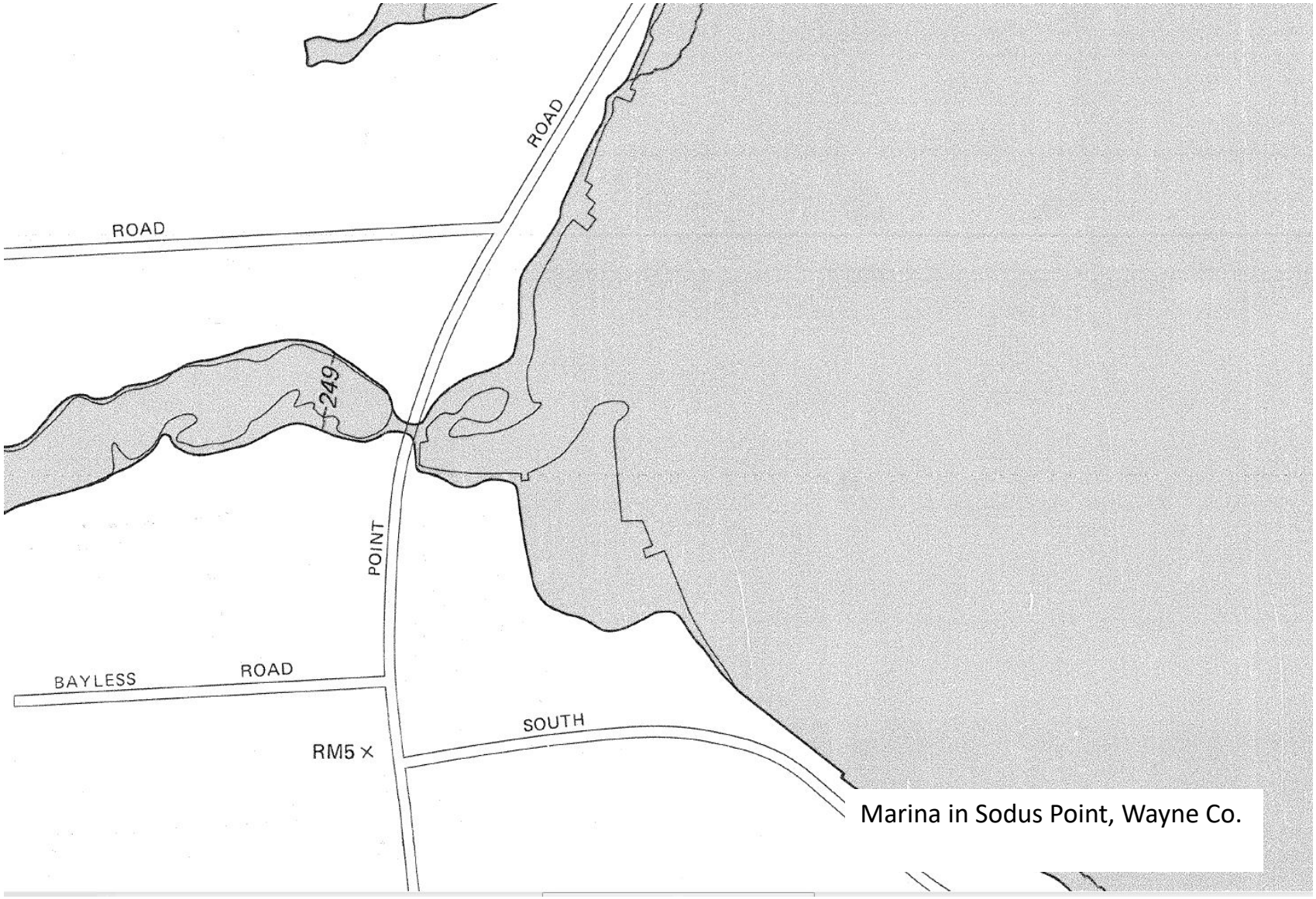

Marina in Sodus Point, Wayne Co.

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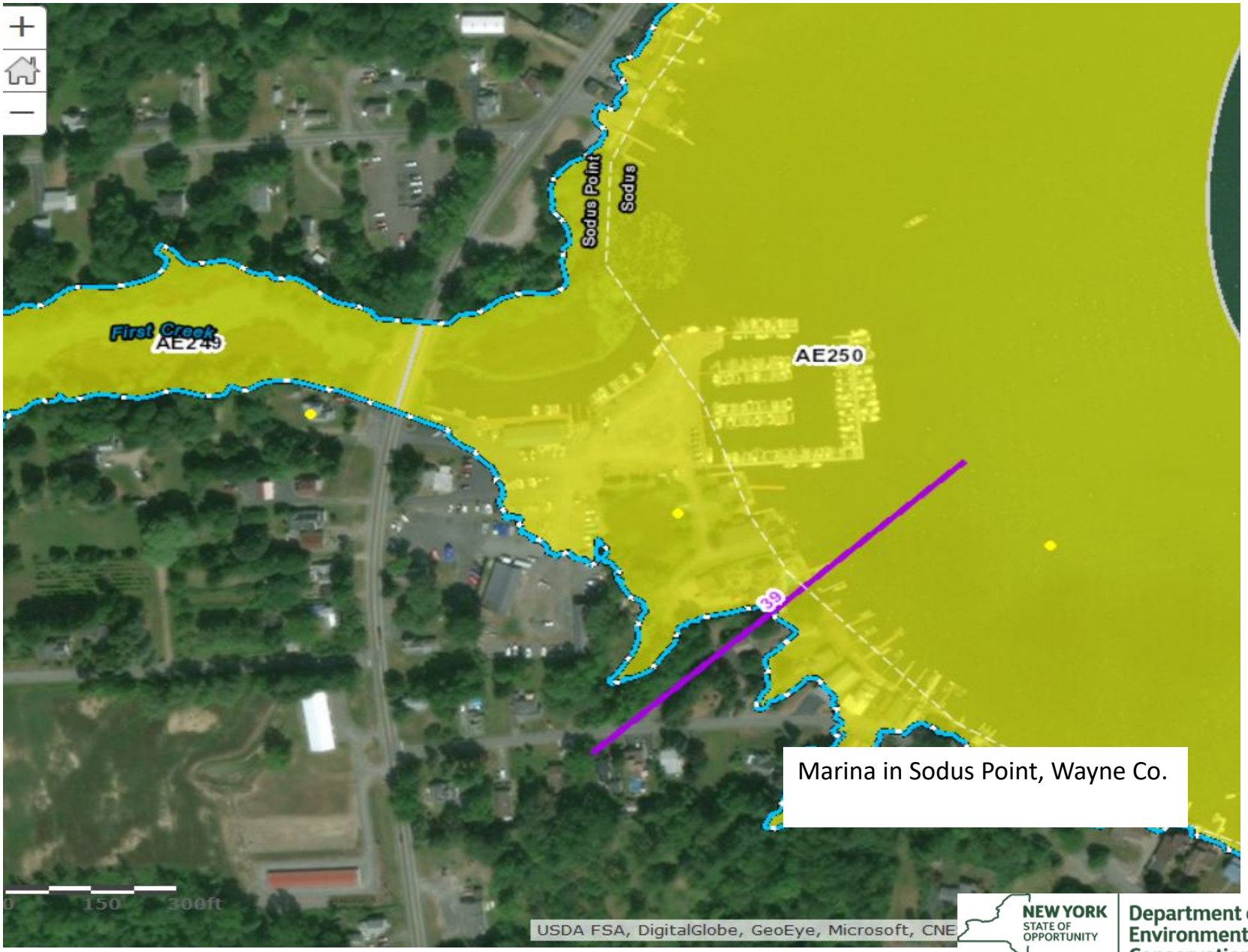

Marina in Sodus Point, Wayne Co.

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Edgemere Dr, near
Round Pond,
Greece, Monroe Co.
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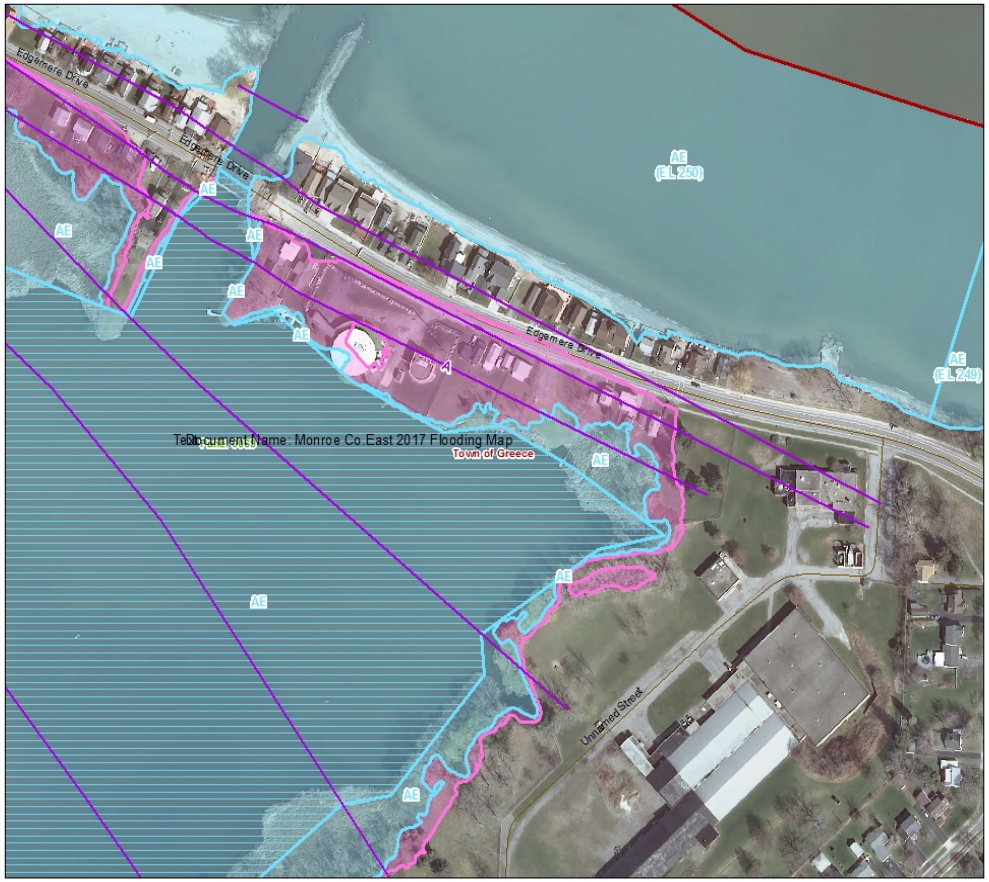
Edgemere Dr, near Round Pond
Greece, Monroe Co.



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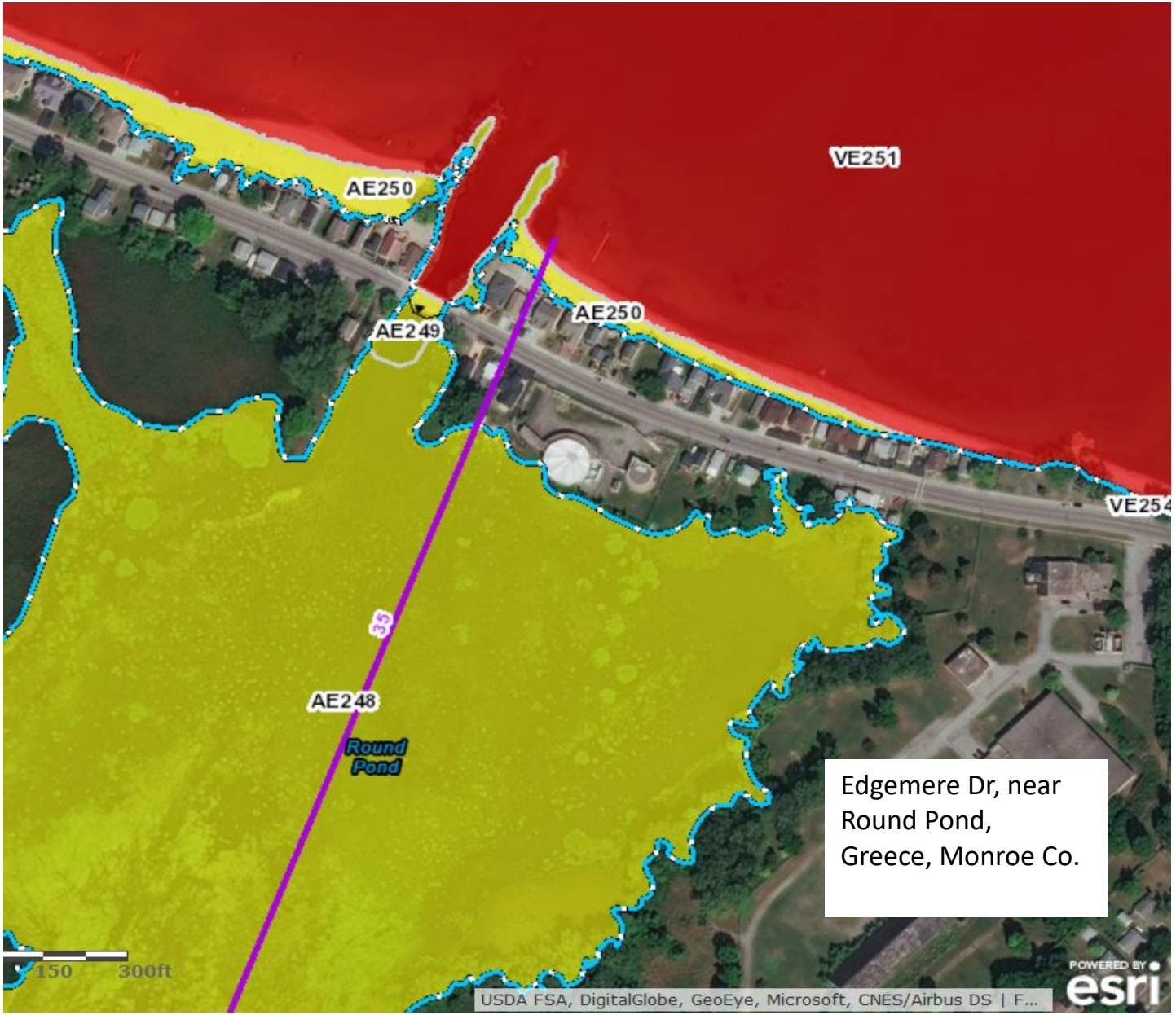

Edgemere Dr, near Round Pond, Greece, Monroe Co.

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Sandy Harbor Drive
Hamlin. Monroe Co.

Legend

- Base Flood Elevations
- Cross Sections
- Hydraulic Structures
- NFIP Community Boundaries
- Printed
- Not Printed
- Floodway
- 1% Annual Chance (100 year)
- 0.2% Annual Chance (500 year)
- Undetermined Flood Hazard
- Area Not Included
- 1% Annual Chance (100 year)
- 0.2% Annual Chance (500 year)
- Undetermined Flood Hazard
- Area Not Included

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Miles

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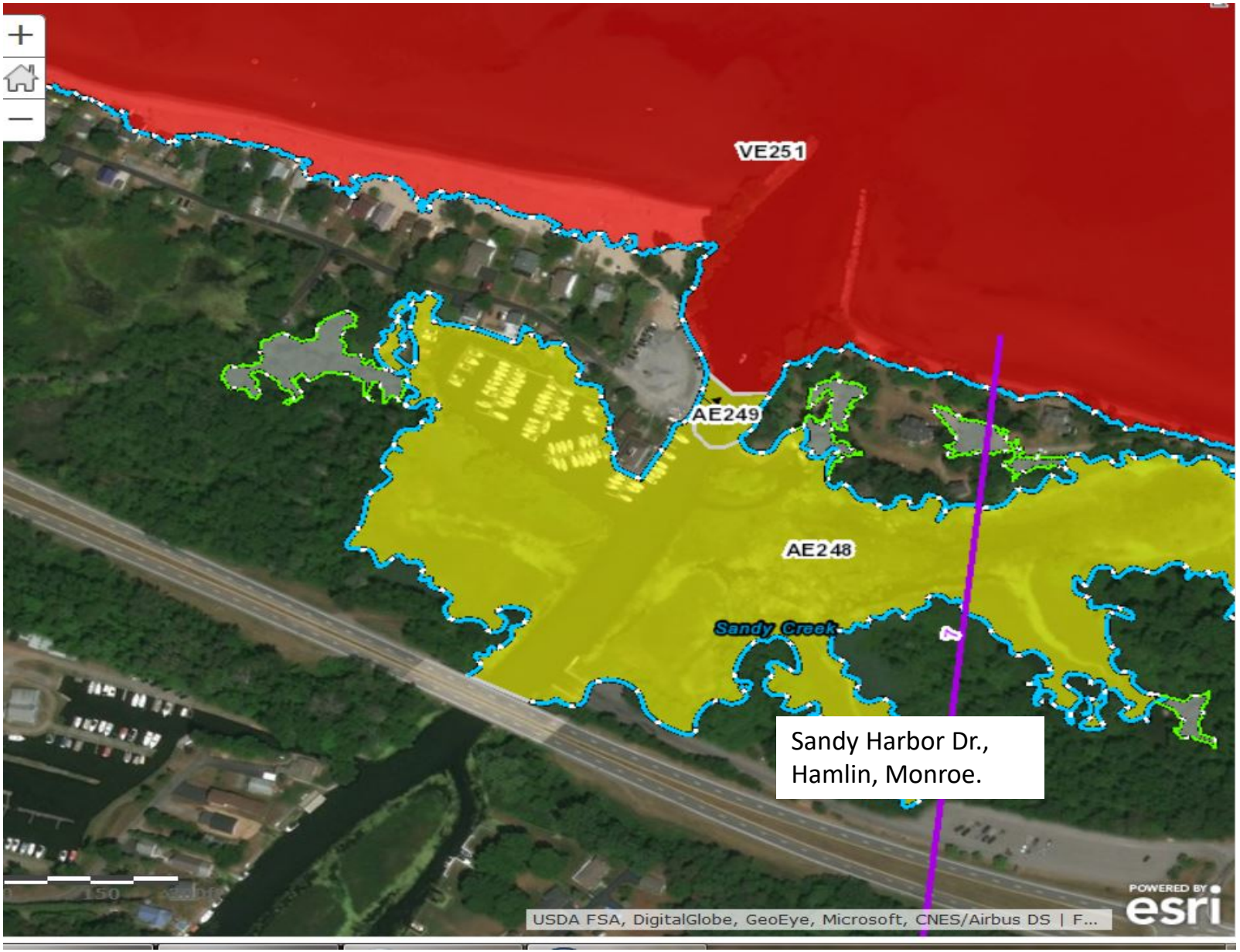

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Summary

- Share your floodplain knowledge with residents; help them to make educated decisions about how to recover from the event. Install high lake level markers in permanent locations.

- Utilize FIRM maps, but make sure it is understood they do not account for wave run-up, climate change, events larger than 500-year events and development.

- Utilize the Coastal work maps, but understand they are not yet tied-in with the current effective maps.

- Help residents decide what resolution gets the most bang for the buck. Get them to think about which resolutions will be the most long lived.

- Explain that if the lawn is located in a floodplain, they should expect it to flood from time to time. Protecting the home and being resilient should be the priority.

- Do your substantial damage estimates! Leave a paper trail. Understand how a correctly completed Elevation Certificate should look. This may be one of the most important document you will ever use.

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Great Lakes Coastal Work Maps

- Great Lakes Coastal Flood Maps: http://arcg.is/2kmLJNX.
- Coastal Map Materials, including slides and Map tutorial: https://www.dropbox.com/sh/wfs29ucbulmd7m0/AAAsHWEjV8wKUaox9626wx_ka?dl=0.

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