



Department of
Environmental
Conservation

The NYS Coastal Program & Lake Erie Permitting

Coastal Section

Bureau of Flood Protection and Dam Safety

October 17, 2024

Today's Presenter

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Coastal Erosion Hazard Area (CEHA) Program

CEHA shown in red

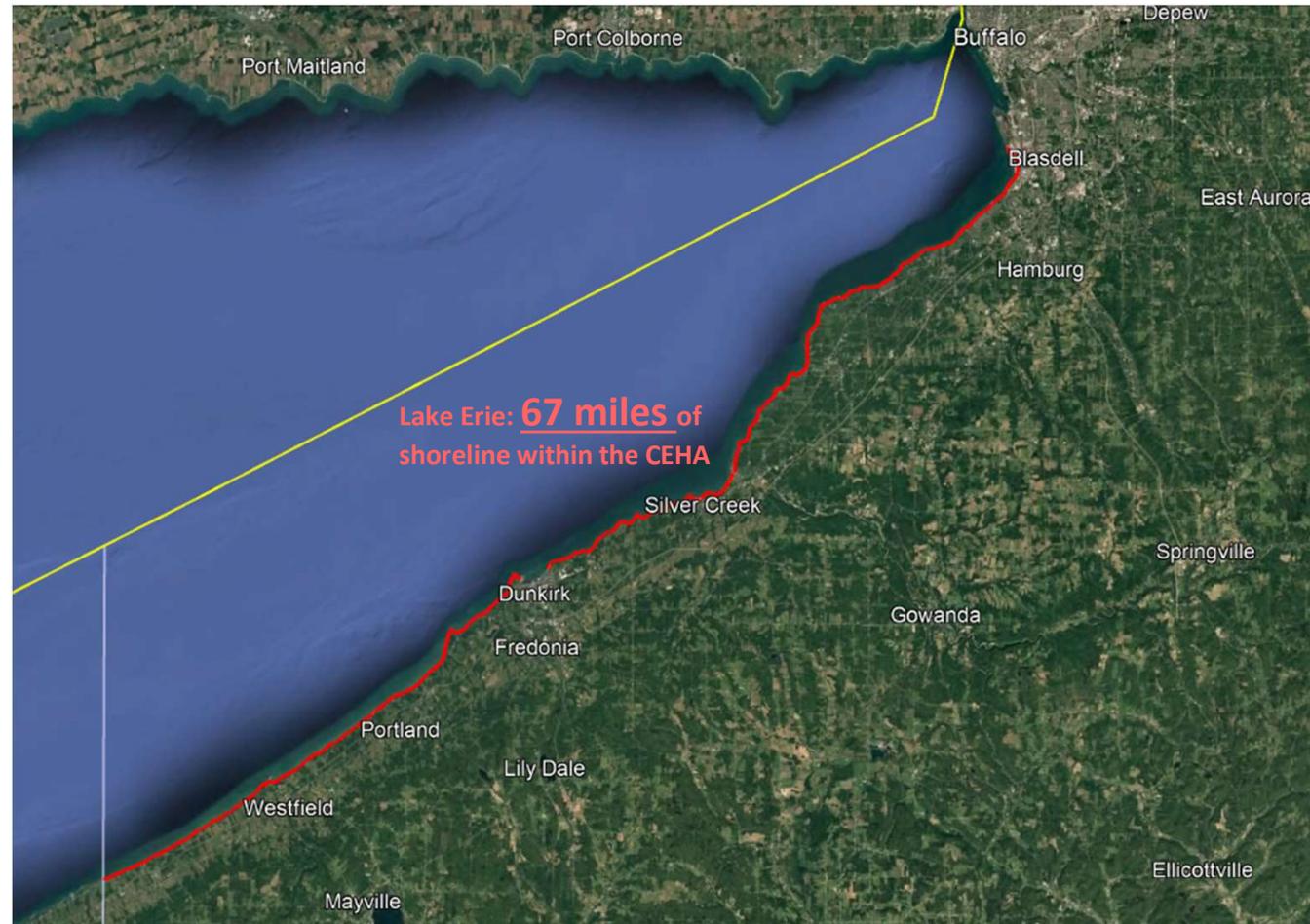
Regulations:

NY ECL Article 34 –
Coastal Erosion Hazard Areas Act

6 NYCRR Part 505 –
Coastal Erosion Management

Local Laws

Nearly all activities within the CEHA require permits



Purpose of the CEHA Program:

- 1) Protect existing human property and existing natural features.



Lake Ontario Shoreline



*STATE Conservation
Eastern Lake Ontario*



2) Ensure that new structures are placed a safe distance from areas of erosion

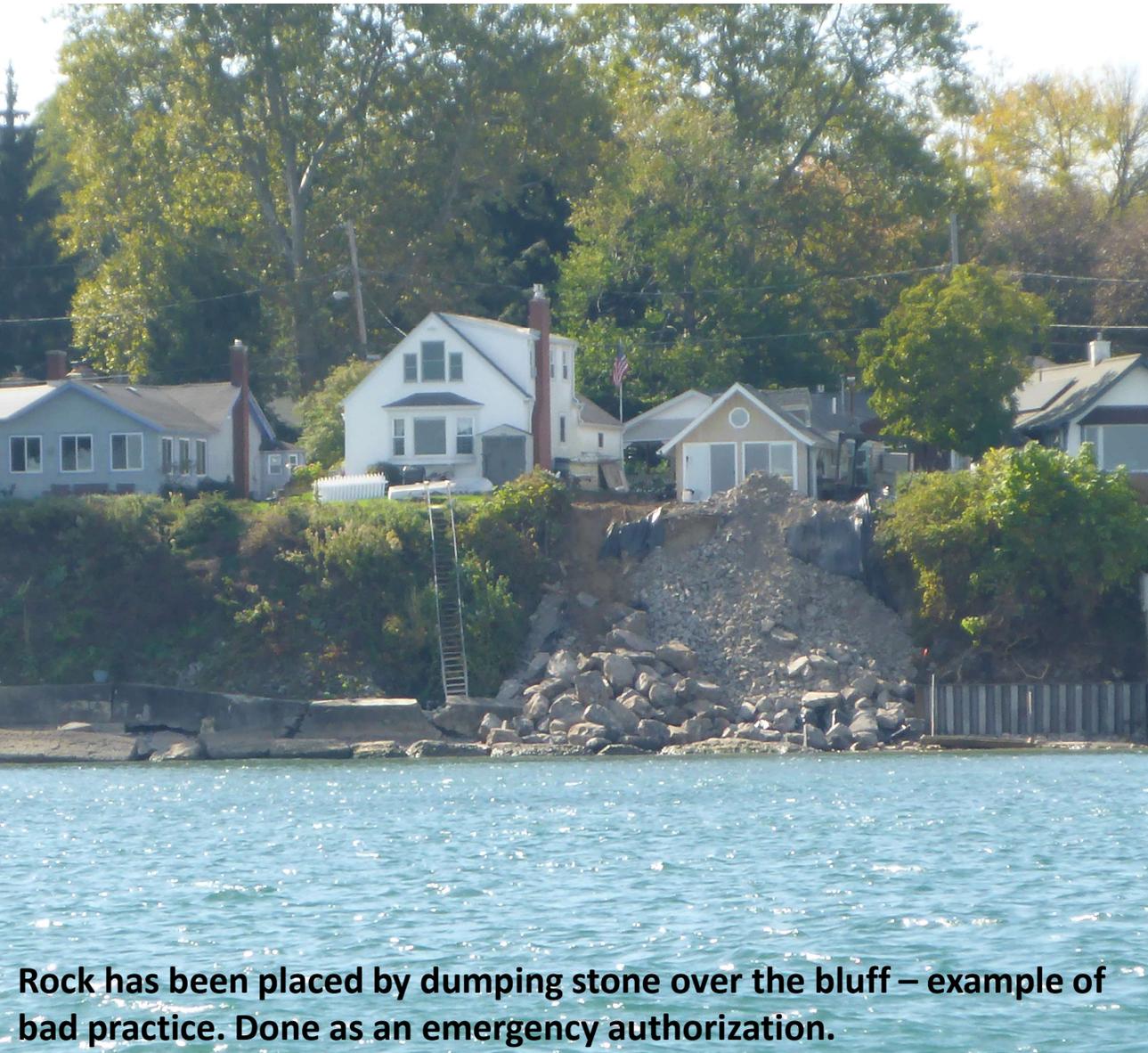
3) Restrict public investment which will encourage new permanent development in erosion hazard areas.



- 4) Prevent the use of public funds to protect private property, except:
 - To protect human life.
 - When public benefits outweigh costs.



Seawall constructed next to Hamburg Clock Tower



Rock has been placed by dumping stone over the bluff – example of bad practice. Done as an emergency authorization.

5) Review the design of erosion control structures to ensure that they are:

- A) Necessary for a given location
- B) Built properly to protect human property and natural features.

*Town of Greece, Lake
Ontario*



6) Minimize coastline hardening.

Administration of CEHA Program

- All Coastal Erosion Hazard Area maps can be downloaded at:

<https://www.dec.ny.gov/fs/projects/coastal/>

Administered by Local Community:

- Town of Sheridan:
 - James Crowell, Code Enforcement Officer
- Town of Dunkirk:
 - Ryan Mourer, Code Enforcement Officer

All others administered by the State.

| County | Community | Certified |
|------------|------------------|-----------|
| Chautauqua | Dunkirk (C) | |
| Chautauqua | Dunkirk (T) | ✓ |
| Chautauqua | Hanover (T) | |
| Chautauqua | Pomfret (T) | |
| Chautauqua | Portland (T) | |
| Chautauqua | Ripley (T) | |
| Chautauqua | Sheridan (T) | ✓ |
| Chautauqua | Silver Creek (V) | |
| Chautauqua | Westfield (T) | |
| Erie | Brant (T) | |
| Erie | Evans (T) | |
| Erie | Hamburg (T) | |



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CEHA Restrictions: Natural Protective Feature Area

- No grading, excavating, clear-cutting, or constructing new structures which are not water-dependent or for erosion protection
- All water-dependent structures (docks, etc.) or erosion protection structures require a permit. Most other activities require a permit as well.

Coastal Erosion Hazard Area Map

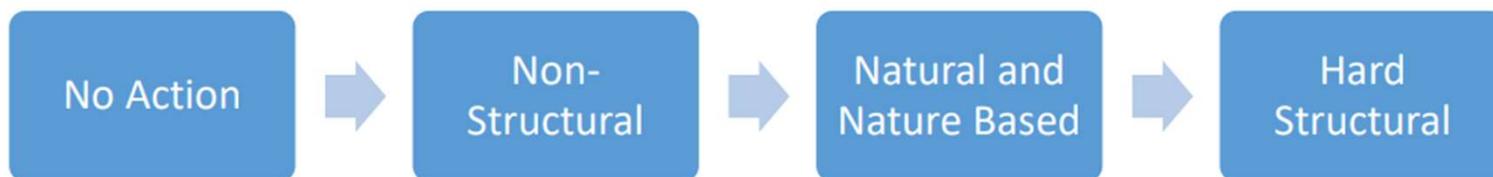


Coastal Erosion Hazard Area (CEHA) Program

For a permit to be issued, the project must have:

- Justification: Is reasonable and necessary
- Alternatives: Consider alternatives for any hard structures
- Will not likely cause a measurable increase in erosion
- Prevents or minimizes adverse impacts

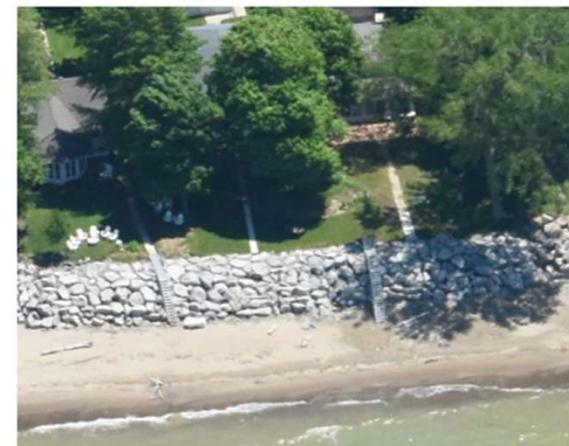
Erosion Protection Alternatives



Non-structural



Nature-based



Hard structural

Permit Application Requirements

Information to Include:

- 1) Permit application form (General Permit or Joint Application Form)
- 2) Location map and aerial photo (Google Maps or Bing Maps)
- 3) Stamped and signed survey
- 4) Project description
- 5) Written description of how you meet permit issuance standards
 - Why is the project needed?
 - Have you considered reasonable alternatives?
 - Will your project cause a measurable increase in erosion at the proposed site or at other locations?
- 6) Recent photos of project site

Information to Include (continued):

- 7) Description of construction methods and materials
 - Access Route
 - Debris/structure removal prior to work commencement
 - Quantity of material to be removed and disposal location
 - Material placement methods
 - Equipment
 - Quantity of material to be used above and below MHWL
- 8) Project plans (site plan and cross-section plan)
- 9) Planting plan
- 10) Long-term maintenance plan

Coordination with DEC

NYSDEC Region 9 Permits

Lisa Czechowicz: 716-851-7165 dep.r9@dec.ny.gov

Coastal Erosion Management Section – Albany

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Western Flood Hub

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Report Violations: 1-844-DEC-ECOS (1-844-332-3267)



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Thank You

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Any Questions?