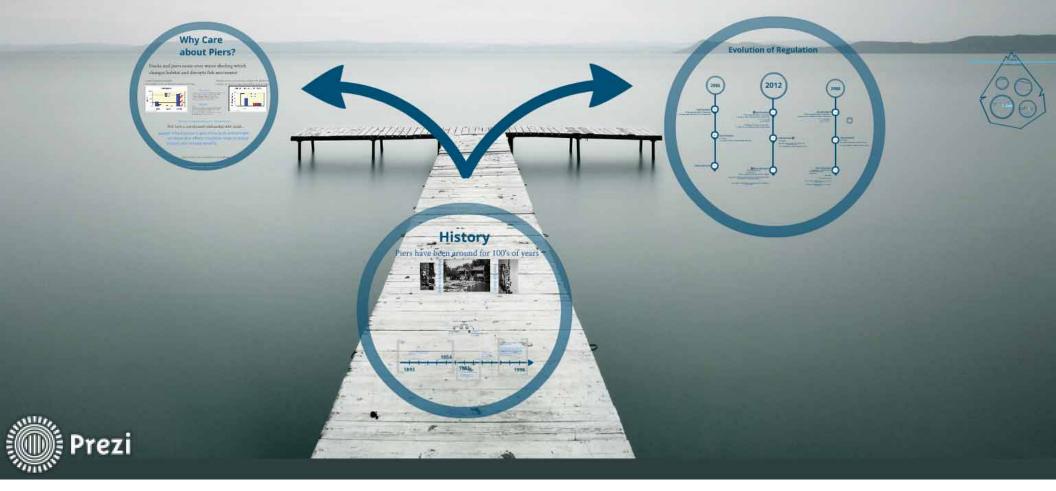
Piers, Docks & Wharves

Wisconsin Pier Regulations

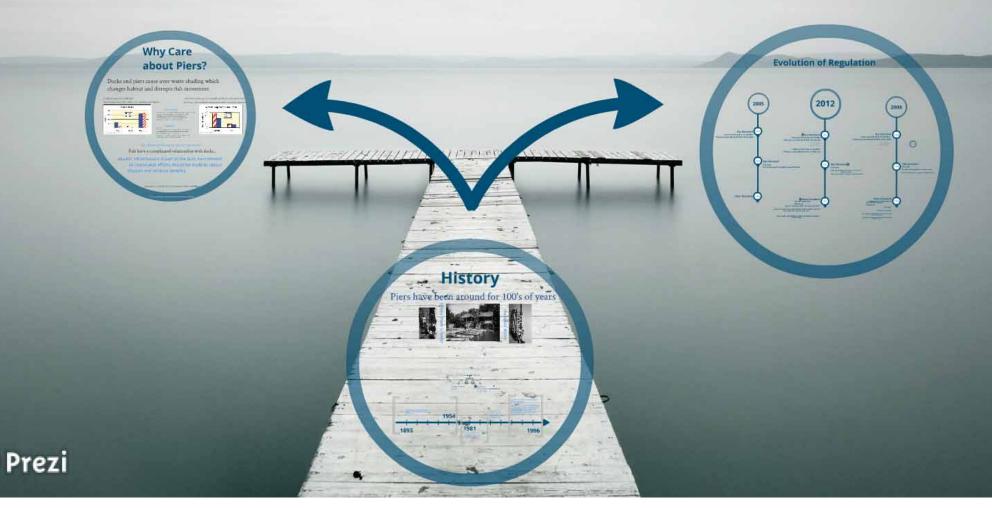
Martye Griffin - WDNR Waterway Protection



Piers, Docks & Wharves

Wisconsin Pier Regulations

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Piers have been around for 100's of years



Where there is wate



there are docks





Where there is water

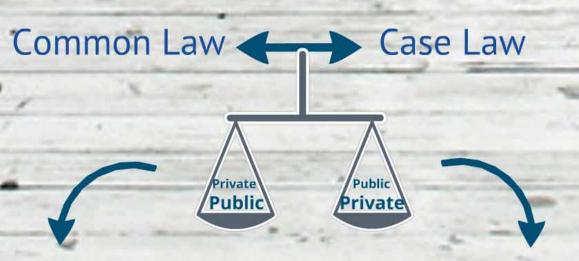






there are docks





Codified in Statute ss. 30.13





"A riparian owner has the right to build a pier or wharf for the purpose of reaching or accessing navigable water".

Askew v. Smith 109 Wis 532 (1901)

1954

Bond v. Wojahn, 269 Wis. 235 (1994)

Northern Pine Land Co. v. Bigelow (1893)

McCarthy v. Murphy, 119 Wis. 159 (1903) Doemel v. Jantz, 186 Wis. 225 (1923)

1893



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Bond v. Wojahn, 269 Wis. 235 (1954)

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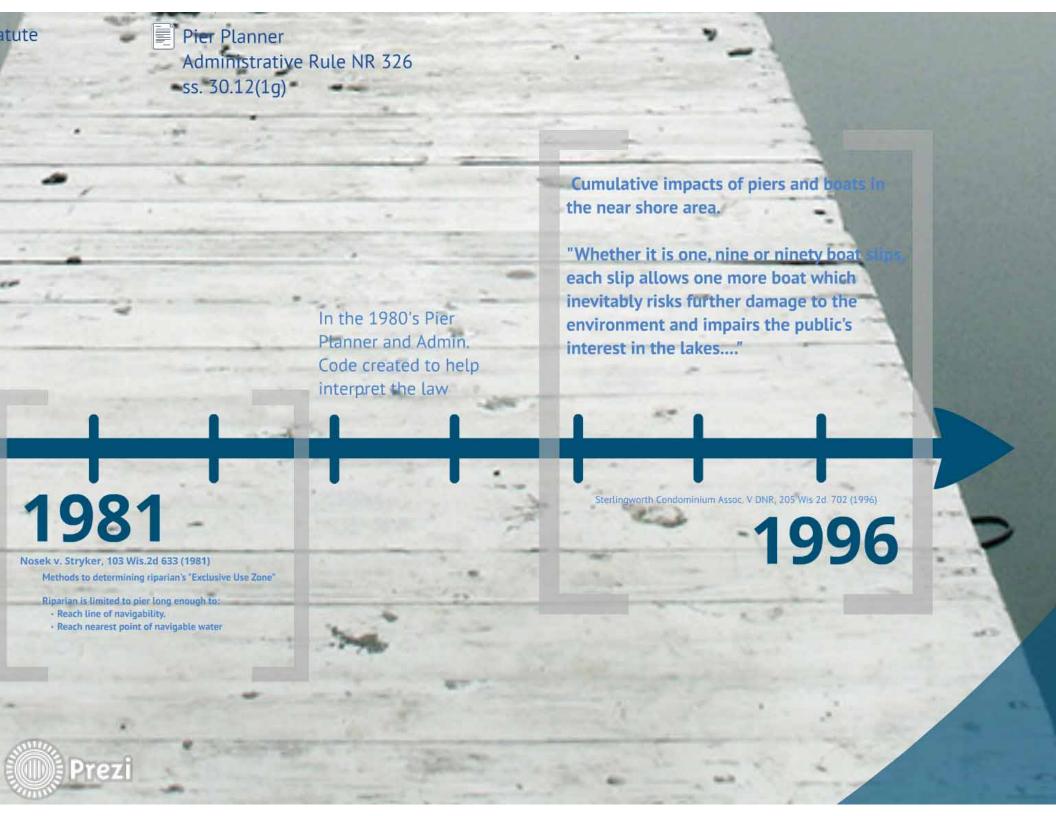
Wharf for the purpose of reaching or accessing navigable water".





Cannot Impact Riparian or Public Navigation!





1981

Nosek v. Stryker, 103 Wis.2d 633 (1981)

Methods to determining riparian's "Exclusive Use Zone"

Riparian is limited to pier long enough to:

- Reach line of navigability.
- · Reach nearest point of navigable water



ek v. Stryker, 103 Wis.2d 633 (1981) Methods to determining riparian's "Exclusive

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In the 1980's Pier Planner and Admin. Code created to help interpret the law



- cannot interfere with public rights
- cannot interfere with riparian rights
- · cannot extend beyond any pierhead line
- cannot violate any municipal ordinances
- constructed to allow the free movement of water underneath
- cannot cause the formation of land upon the bed of the waterway



Sterlingworth Condominium Assoc. V DNR, 205 Wis 2d. 702 (1996)

1996



Cumulative impacts of piers and boats in the near shore area.

"Whether it is one, nine or ninety boa each slip allows one more boat which inevitably risks further damage to the environment and impairs the public's interest in the lakes...."

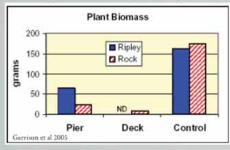


Why Care about Piers?

Docks and piers cause over water shading which changes habitat and disrupts fish movement

in-water vegetation needs light loss of vegetation is loss of places for spawning and feeding

small fish afraid to go into shadow cast by pier (eye adjust time) avoid pier, and travel into deeper water with increased predation

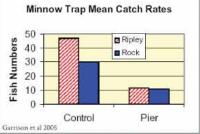


Pier Impacts

- · Increased predation on young fish by larger predators (USACE 1993)
- · Changes in natural assemblages (Connell & Glasby 1999)
- · Disruption of flows and sedimentation (Burns 2001) · Increased colonization by invasive species (Elliot 2003)
- · Affects connectivity (Pears & Williams 2005)

Mitigate?

- · limit size
- · construct with grating or other materials to let light through
- · avoid using boards on sides of dock that extend to water · bottom of dock at least 18" above water
- · use structural beams with long spans between piles or cribs
- shared docks to limit number of structures



But I catch all my fish under my dock...fish love my dock!

Fish have a complicated relationship with do ks...

aquatic infrastructure is part of the built environment all reasonable efforts should be made to reduce impacts and increase benefits

presence of artificial structures influence fish assemblages

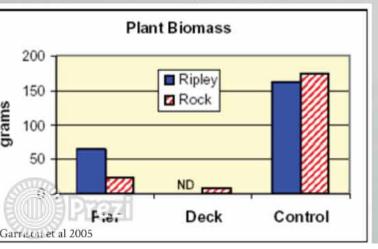


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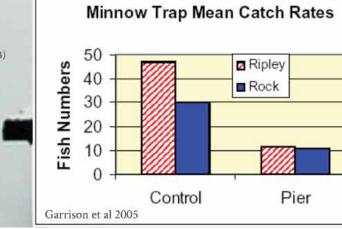
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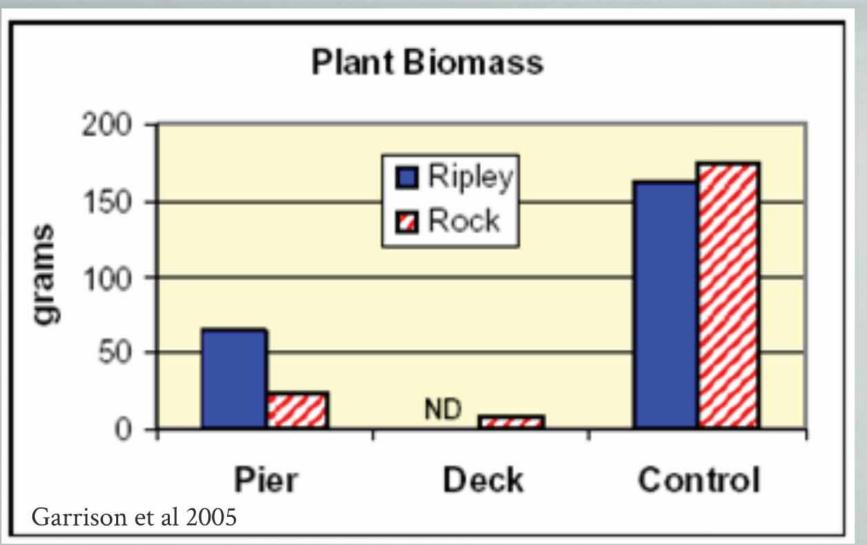
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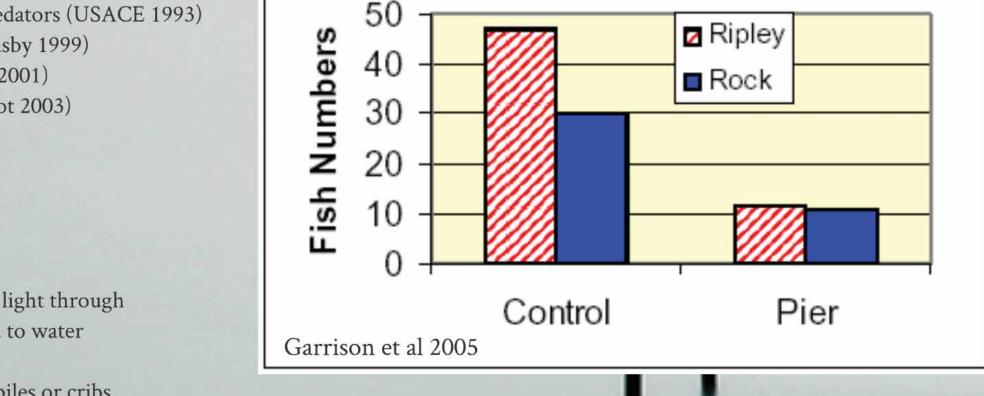


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Minnow Trap Mean Catch Rates

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light through to water





eding

avoid pier, ar

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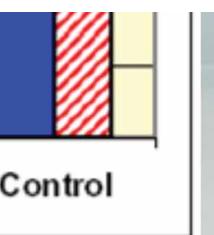


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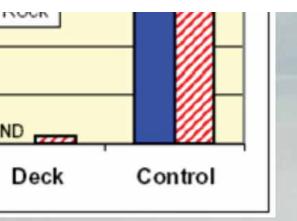
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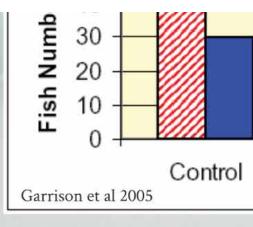


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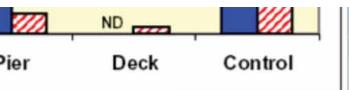


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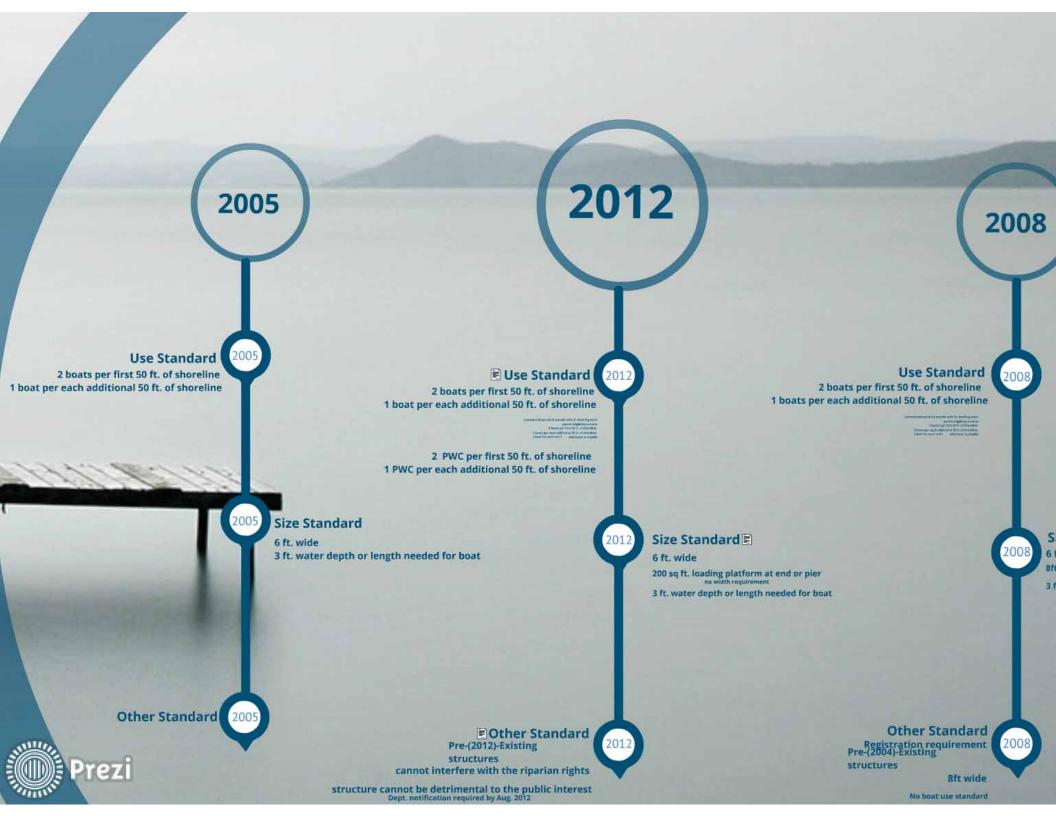
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Evolution of Regulation









2 boats per first 50 ft. of shoreline 1 boat per each additional 50 ft. of shoreline





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2008

Commercial parcels & parcels with 3+ dwelling units

permit eligibility criteria

4 boats per first 50 ft. of shoreline

2 boats per each additional 50 ft. of shoreline

1 boat for each unit+ whichever is smaller



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4 boats per first 50 ft. of shoreline
2 boats per each additional 50 ft. of shoreline
1 boat for each unit+

whichever is smaller



double density new 'slip baseline' 30.12(1j)

Opon: not ASNR!! lake

new 'slip baseli 30.1

Location: not ASNR!!



Rilake > 50 acres parcels with: 3+ dwelling units Commercial structures



Slip Allowance: Individual Permit!



Commercial Structi

- 4 boats per first 50 ft. of shoreline 2 boats per each additional 50 ft. OR
- 1 boat for each unit + transient slips open to public

whichever is smaller!



Use Standard

2 boats per first 50 ft. of shoreline 1 boat per each additional 50 ft. of shoreline

Commercial parcels & parcels with 3+ dwelling units

permit eligibility criteria
4 boats per first 50 ft. of shoreline
2 boats per each additional 50 ft. of shoreline
1 boat for each unit+ whichever is smaller

2 PWC per first 50 ft. of shoreline 1 PWC per each additional 50 ft. of shoreline



2012



Use Standard

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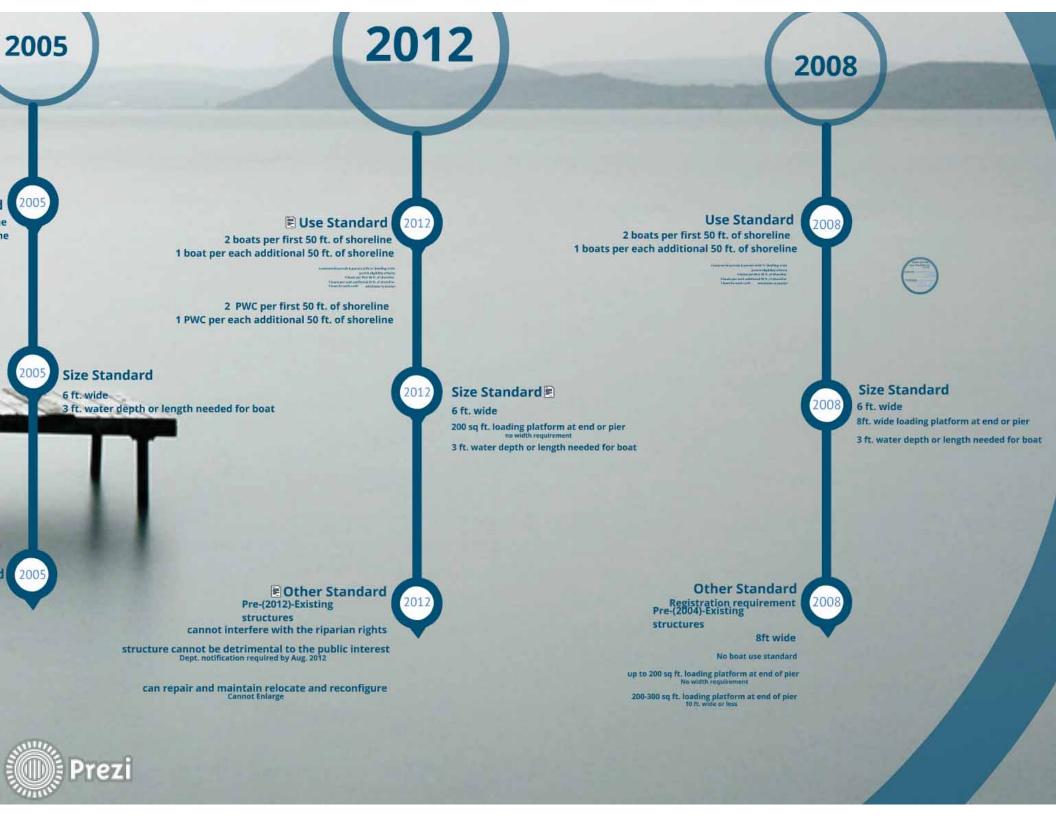
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2 PWC per first 50 ft. of shoreline 1 PWC per each additional 50 ft. of shoreline









2 PWC per fi 1 PWC per each addition

Size Standard

oft. wide

3 ft. water depth or length needed for boat





Size Standard

6 ft. wide

8ft. wide loading platform at end or pier

3 ft. water depth or length needed for boat



line



Size Standard

6 ft. wide

200 sq ft. loading platform at end or pier no width requirement

3 ft. water depth or length needed for boat





2012

Size Standard

6 ft. wide

200 sq ft. loading platform at end or pier no width requirement

3 ft. water depth or length needed for boat



2008



Other Standard
Pre-(2012)-Existing

Pre-(2012)-Existing structures

cannot interfere with the riparian rights

structure car not be detrimental to the public interest
Dept. notification required by Aug. 2012

can repair and maintain relocate and reconfigure



Other Standard

Registration requirement Pre-(2004)-Existing

structures

8ft wide

No boat use standard

up to 200 sq ft. loading platform at end of pier
No width requirement

200-300 sq ft. loading platform at end of pier 10 ft. wide or less



Other Standard Registration requirement Pre-(2004)-Existing structures



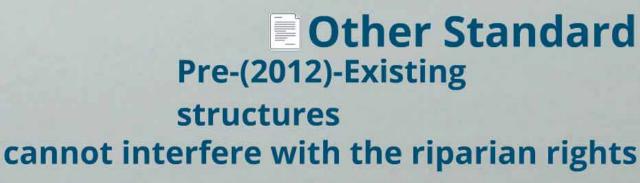
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2012

structure cannot be detrimental to the public interest
Dept. notification required by Aug. 2012

can repair and maintain relocate and reconfigure

Cannot Enlarge



Things may not be as they "a-pier"...





If you go

below the surface...



Easements

a way for non-riparians to place a pier for water access

30.131

only pre-1987 easements that allow pier placement are valid



only pre-1987 easements that allow pier placement are valid

placed seasonally in the same location at least once every 4 ye



only pre-1987 easements that allow pier placement are valid

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size and configuration 'frozen' on 04.28.1990



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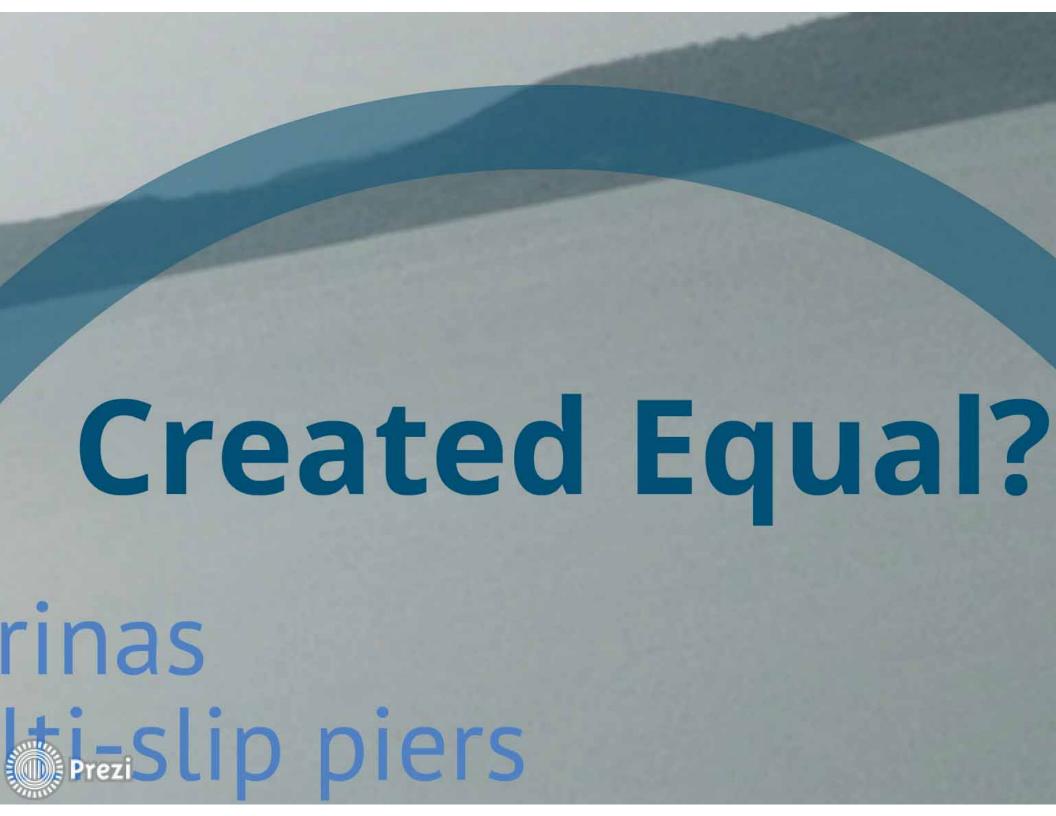
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exempt biers e

size and configuration 'frozen' on 04.28.1990

only exempt piers eligible





Created Equal?

marinas multi-slip piers

ock filled cribs solid piers

require the addition or modification of littoral drift openings if the structures fail to perform as expected or problems with littoral drift develop in the future



marinas multi-slip piers

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Riparian Rights

laints





public rights

complaints NR 326.06 Ch 30.14







public rights impacted?



yes

investigate



no

infringement of riparian zone property is not our jurisdiction dispute



boat shelters & standards boat lifts







accessory structures?



accessory structures? incident to navigation? in the publics interest?



Piers, Docks & Wharves

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