

Grass Carp Rule Revision

Allowance for stocking into Devils Lake



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Grass carp (*Ctenopharyngodon idella*)




Herbivorous,
non-native
cyprinid



Widely used to
aid in control
of aquatic
vegetation



Live in
Freshwater
(lethal >17 ppt)



Grass carp-existing rules

Adopted in
late 90's to
guide risk
management

Containment

- Screening
- Out of floodplain
- Stocking rate

Control

- Sterility
- Disease free

Devils Lake Stocking



Prior to existing rules,
Commission approved
stocking 3x between 1986
and 1993



Resulted in complete
control of aquatic weeds
by 1994





Rapid regrowth of aquatic
vegetation in Devils lake recently

Originally stocked fish at
end of life expectancy

Nutrient inputs remain
high

Shallow lake w/ high
solar input



Devils Lake Water Improvement District (DLWID):

- Mechanical control
- Request approval to restock with grass carp





Department Assessment



Prior stocking

- Overstocked initially
- Successful vegetation control



Native Species Conservation

- No impact to coho
- Decreased abundance of warm water species
- Improved water quality*



Risks adequately managed

- Stocking rate
- Triploidy/Disease
- No connected water bodies
- No Harvest & Public education



Proposed OAR revisions

- Allow Department to permit stocking of grass carp in Devils Lake subject to terms and conditions determined by the Department
- Editorial revisions for consistency and clarity

Department's Proposed Terms and Conditions

- Certified sterile, disease-free
- Low initial stocking
- Containment
 - Drains directly to ocean - *no survival if grass carp leave*
 - Review screening requirements
 - Public outreach to prevent harvest or transport



*Staff recommend
the commission
adopt the
proposed rule
changes*

Draft Motion

I move to Amend OAR 635-056-0075 as proposed by staff in Attachment 3 including Addendum 1.

Questions?