

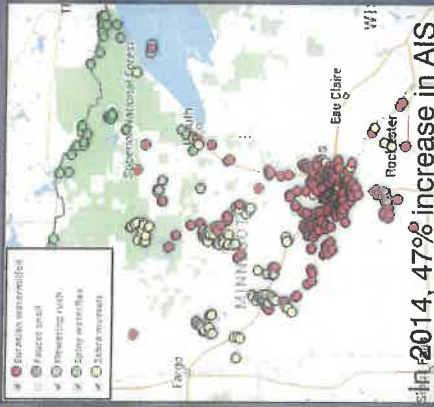
## The Aquatic Invasive Species Threat

Can you imagine:

- Thick mats of weeds on lake surface
- Razor sharp mussels covering the beach
- Declining game fish populations
- Loss of property value
- Expensive annual management costs
- Well contamination from 2,4-D

AIS such as Eurasian watermilfoil, Curlyleaf pondweed, and Zebra mussels are infesting increasing numbers of lakes. These invaders are mostly transported by boats and trailers not being inspected.

### Aquatic invasive species spread across Minn.



- 10 lakes spend > \$1 Million / year for AIS
- Over 200 AIS species live in Lake Superior
- Launches have 2500 daylight hours of use
- Boaters will come at all hours
- Inspectors are expensive...\$16/hour x 2500 hours = \$40,000 / year for one launch!
- It is up to the lake organization to act

## The I-LIDS Solution (Internet Landing Installed Device Sensor)

The I-LIDS is a self-contained, solar powered system installed at boat launches to prevent Aquatic Invasive Species (AIS) through video capture and remote inspection of launching boats/trailers with audio message playback.

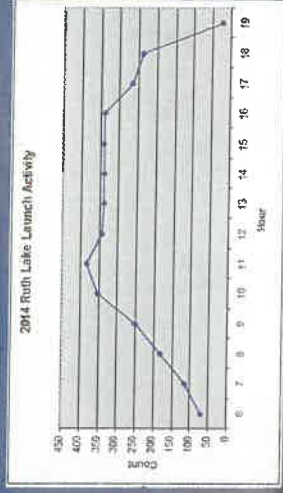


- Sensors detect activity near ramp
- Video capture of boat launch
- Immediate 4G transfer to remote server
- Educational audio messages
- Evening LED illumination
- Hardened enclosure, keyed bolts
- Easy to use website for video review
- Operational costs < \$1/ hour

## The Results



High resolution images



Identify peak usage times

- Gift certificates sent to boaters cleaning off
- Percentage of boats launching weeds drops
- ---Lake Minnetonka: 7.5% to 0.3%
- ---Burnett County: 8%->0.9%->0



Boaters change behaviors...



The I-LIDS video quality is absolutely superb and can be paused easily in playback. People pay attention to the message and understand that cameras are needed to protect the lake from AIS.

Art Patterson, President  
Ruth Lake District

The videos prove the I-LIDS make a difference. People peer into the lens, look back at their boat, and inspect it. Needless to say they have a positive impact.

Steve Riley  
Namakagon Lake Association

## Customer installations...



## About our company

Environmental Sentry Protection, LLC has a decade of experience in consulting with lake organizations and counties in the development of Aquatic Invasive Species (AIS) prevention programs. Our core solution is the I-LIDS video inspection and education system.

I-LIDS provides an ongoing presence of more than 2500 hours of inspection per launch to reduce risk of (AIS) infestation.

Let us help you...

- Calculate lakes risk of AIS
- See sample videos
- Present to your association
- Prepare a proposal for consideration

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## Environmental Sentry Protection, LLC

Protecting Lakes from Aquatic Invasive Species

Your lake is one launch  
from impact.