



Lake Tahoe Aquatic Invasive Species Program Update

2016 in Review

Dennis M. Zabaglo

Aquatic Resources Program Manager

Matt Driscoll

Aquatic Invasive Species Specialist

April 12, 2017

RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



Introduction

- Background
- Early Detection/
Rapid Response
- Control
- Leadership
- Prevention



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



INVASIVE SPECIES PROGRAM
LAKE TAHOE EIP

What are AIS?



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



INVASIVE SPECIES PROGRAM
LAKE TAHOE EIP

Partnerships



AIS Coordinating Committee

RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment





Partners

- Researchers
- League to Save Lake Tahoe
- Marina and Ramp Operators
- PUD's & GID's
- Ski Resorts
- Private Land Owners
- Boaters
- General Public



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



Early Detection & Rapid Response


- Highlights
 - Sampling
 - Lake Tahoe, Fallen Leaf Lake and Echo Lakes
 - No Detections
- 2017 and Beyond
 - Surveillance Monitoring
 - Updating Rapid Response




RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



 **Control Strategic Initiative**

- Obtain long-term stable funding for AIS control.
- \$1-2 million awarded, anticipated, or applying for:
 - CTC
 - Prop 1
 - SB 630
 - TKPOA
 - Private
 - Tahoe Fund
 - NDSL
 - USACE
 - USFWS
 - Lahontan SB 630
 - League
 - CDFW Prop 1
 - Inventive Resources, Inc.

RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM | *continuing the commitment* 

 **Control 2016 Highlights**

- 2016 Invasive Weed Projects
 - Truckee River
 - Lakeside
 - Crystal Shores





RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM | *continuing the commitment* 

INVASIVE SPECIES PROGRAM
LAKE TAHOE EIP

Control 2016 Highlights

- 2016 Invasive Weed Projects
 - Truckee River
 - Lakeside
 - Crystal Shores



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment

INVASIVE SPECIES PROGRAM
LAKE TAHOE EIP

Control 2017

- 2017 Control Projects
 - Fleur du Lac
 - UV Light
 - Sand Harbor



Basin scale circulation

00h 16m 40s

RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



Tahoe Keys







RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM


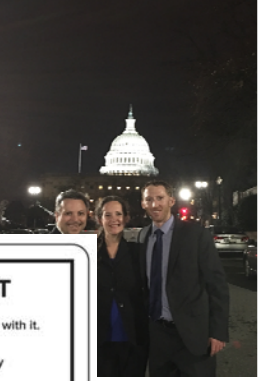
continuing the commitment





Leadership

- Hill visits
- Building Consensus
- Boat Industry


NOTICE

TRAILER CHECKLIST

Before towing this vehicle be sure to read and familiarize yourself with the instructions and warnings supplied with it.
NEVER TOW THIS VEHICLE BEFORE YOU CHECK TO BE SURE:


<ul style="list-style-type: none"> ✓ Coupler, hitch and hitch ball are of the same size ✓ Coupler and safety chains are safely secured to hitch of tow vehicle ✓ All fasteners are properly tightened ✓ Boat is securely tied down to trailer (winch line is not a tie down) ✓ Wheel lug nuts are properly tightened ✓ Wheel bearings are properly adjusted and maintained 	<ul style="list-style-type: none"> ✓ Load is within maximum load carrying capacity ✓ Tires are properly inflated ✓ All trailer lighting is working properly ✓ Trailer brakes are properly adjusted and working (if trailer is so equipped) ✓ Clean, drain and dry the boat and trailer, removing any attached plant material or debris
--	---

This trailer is equipped to meet applicable federal safety standards. Check local and state requirements regarding brakes and any additional equipment that may be required.



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



INVASIVE SPECIES PROGRAM
LAKE TAHOE EIP

Prevention



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM


continuing the commitment

INVASIVE SPECIES PROGRAM
LAKE TAHOE EIP

Prevention

2016 Motorized Watercraft Inspections

- 7,869 inspections
- 2,689 decontaminations
- 39 boats intercepted



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



Moving Forward

- Process improvements
 - Regional data sharing
- Higher water levels



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment



Moving Forward

- Regional leader and model Program
- New outreach campaign
- No New Invasions!



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment





Watercraft Inspection Fees

- Governing Board direction
 - Equitable & effective
 - Review annually
 - Shared Investment
- Sticker Types

SINGLE INSPECTION

Lake Tahoe
Watercraft
Inspection Program
2017

camp sealing expires: _____

boat reg #: _____

issued by: _____

issue date: _____


Tahoe Only 17

Tahoe In AND Out 17

RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment






Watercraft Inspection Fees 2017

Tahoe Only Sticker	Proposed Fee Amount
All Sealed Vessels	\$30.00
Tahoe In & Out Sticker	Proposed Fee Amount
Personal Watercraft (PWC)	\$35.00
Vessels 0.1 ft. - 17.0 ft.	\$35.00
Vessels 17.1 ft. - 21.0 ft.	\$75.00
Vessels 21.1 ft. - 26.0 ft.	\$86.00
Vessels 26.1 ft. - 39.0 ft.	\$98.00
Vessels 39.1 ft. and Greater	\$121.00
Decontamination Fee	Proposed Fee Amount
Vessels Requiring Decontamination	\$35.00
Ballast Systems	+\$10.00
Off-Site Decontamination	\$200.00
Anticipated Funding	~\$750,000

RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment





Thank You



RESTORATION IN PROGRESS
LAKE TAHOE ENVIRONMENTAL IMPROVEMENT PROGRAM

continuing the commitment

