



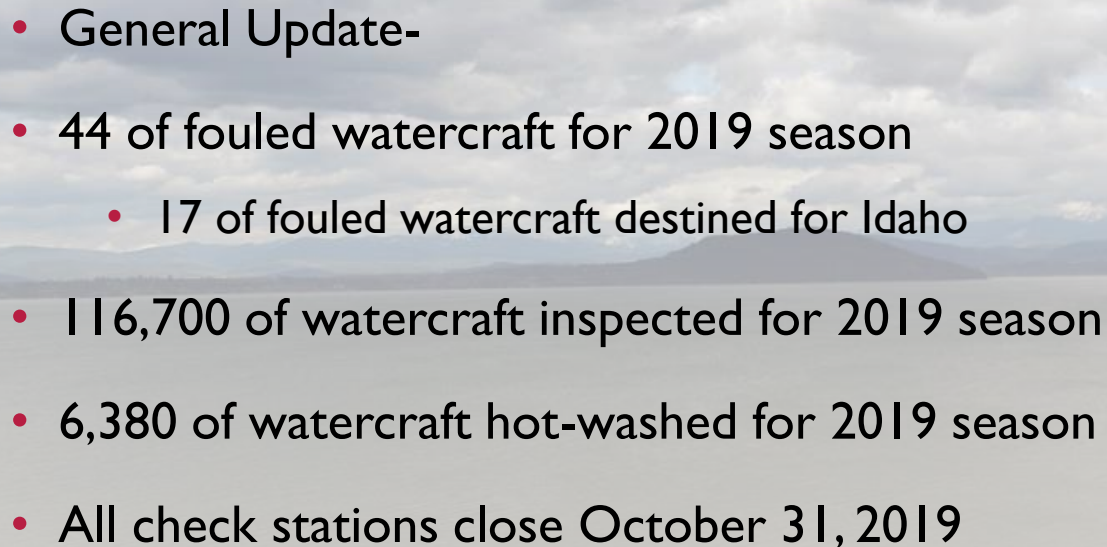
IDAHO AQUATIC INVASIVE SPECIES UPDATE

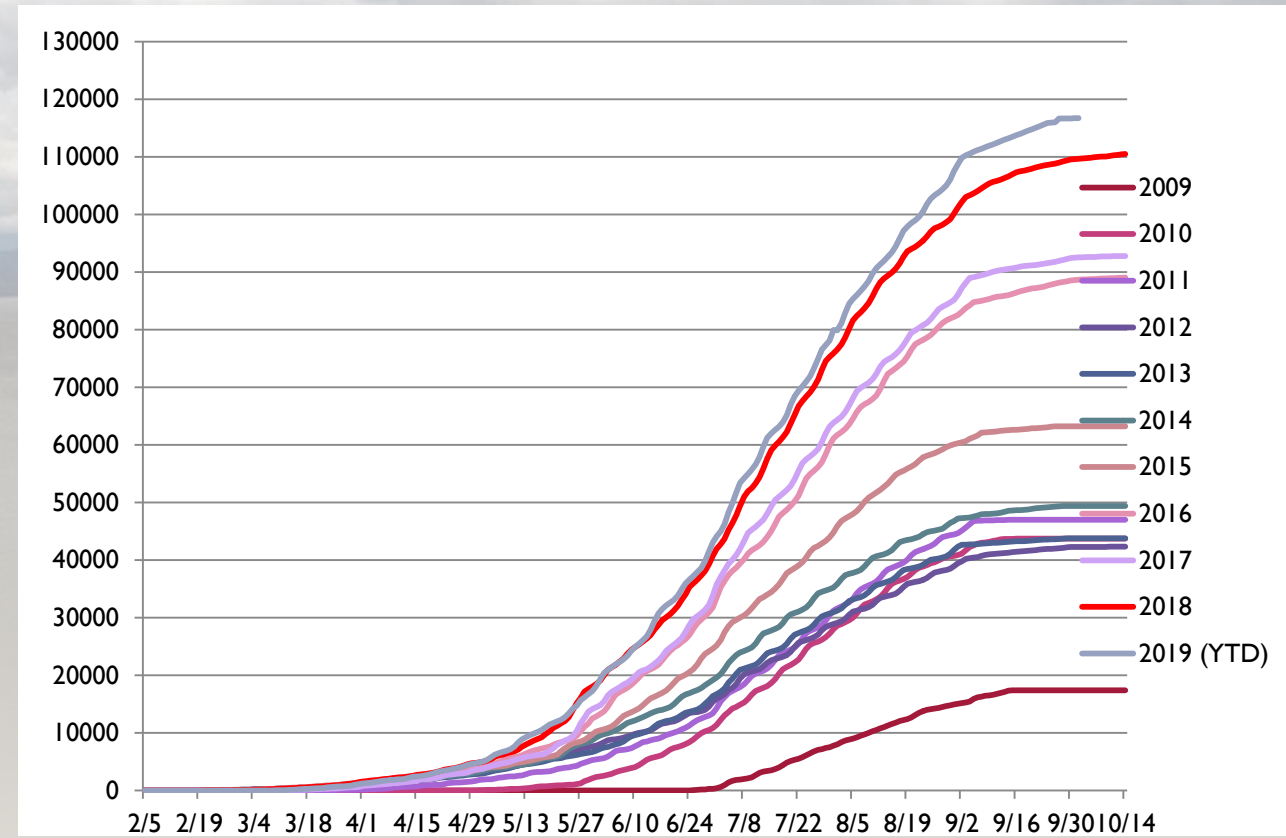
LAKES COMMISSION MEETING
OCTOBER 4TH

IDAHO AQUATIC INVASIVE SPECIES UPDATE

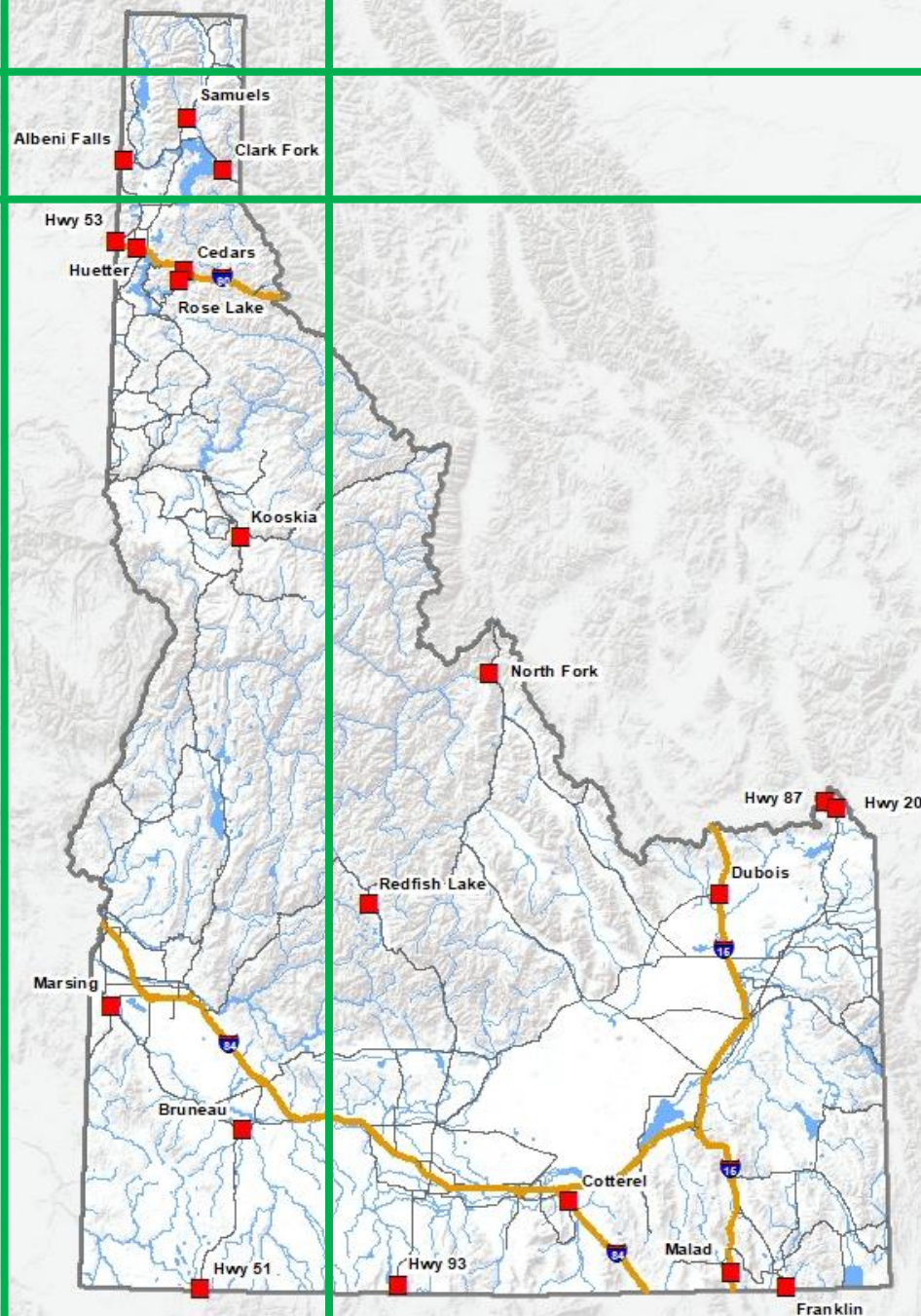
1. Invasive Species Program
2. Aquatic Noxious Weeds
3. Rulemaking
4. IISC Meeting

INVASIVE SPECIES PROGRAM

- 
- General Update-
 - 44 of fouled watercraft for 2019 season
 - 17 of fouled watercraft destined for Idaho
 - 116,700 of watercraft inspected for 2019 season
 - 6,380 of watercraft hot-washed for 2019 season
 - All check stations close October 31, 2019



2019 Idaho Watercraft Inspection Station Locations



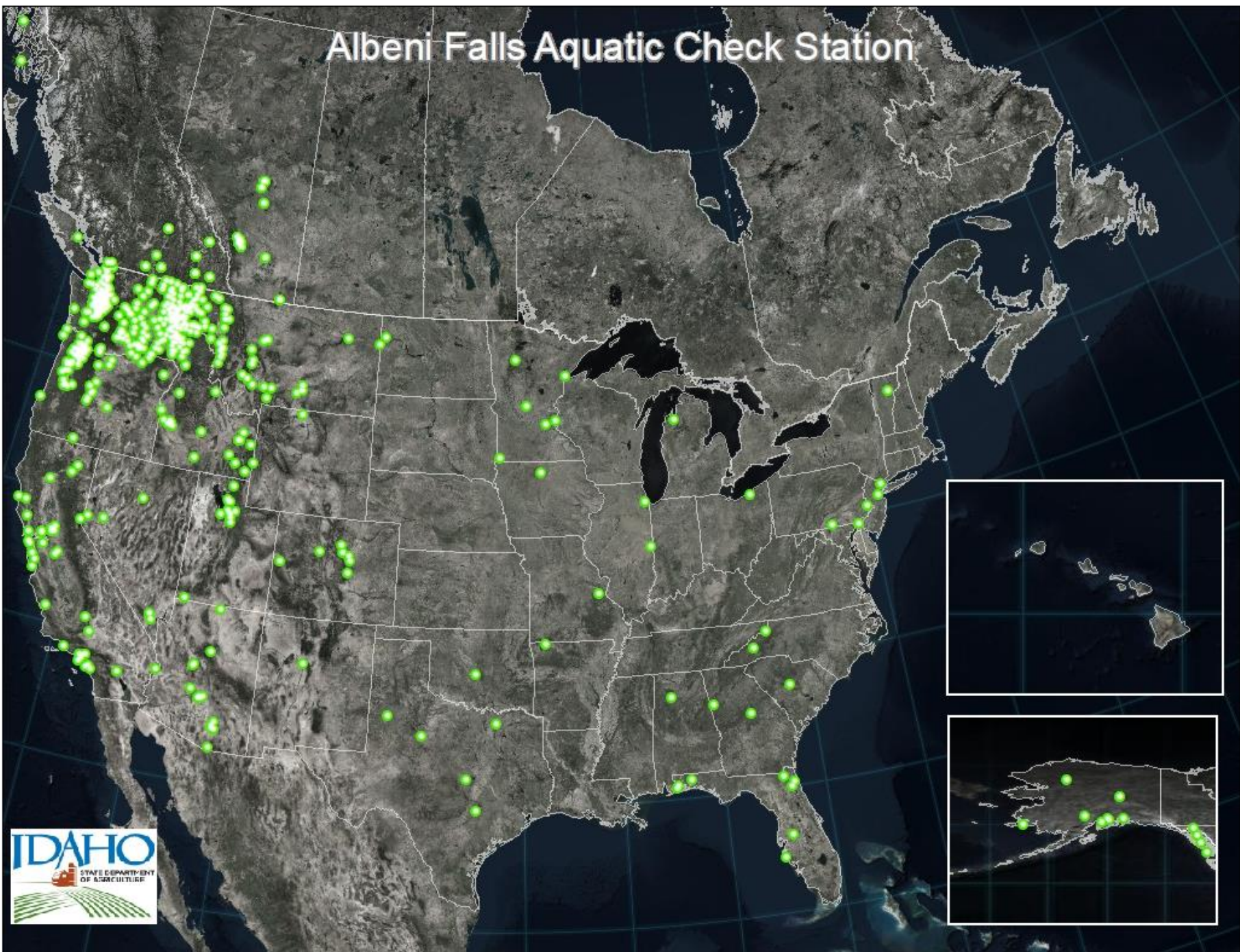
INVASIVE SPECIES PROGRAM

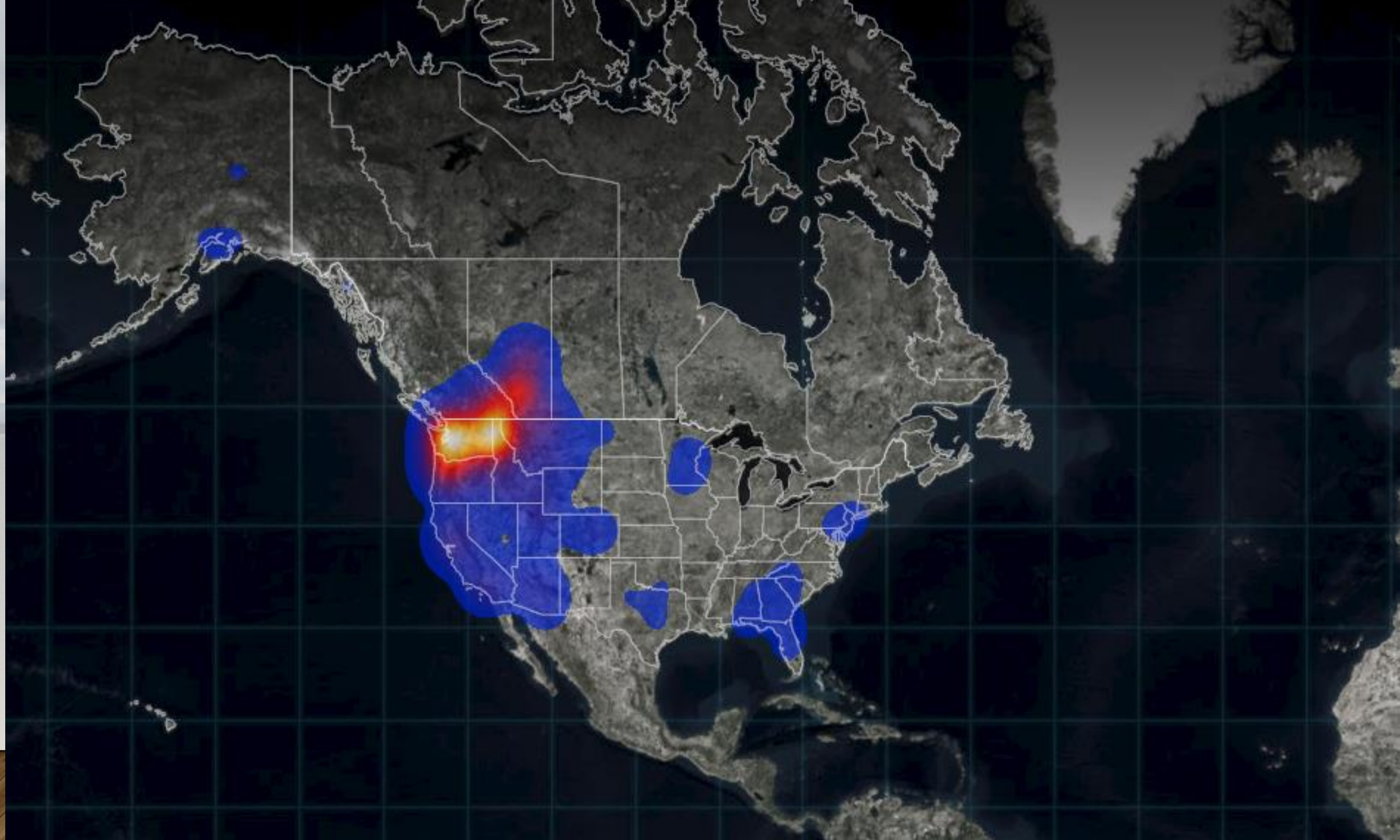
- Pend Oreille Basin Check Stations update
- Albeni Falls
- Samuels
- Clark Fork
- 3 North Idaho Roving Crews

ALBENI FALLS

- Season of operation from May 3, to September 16, 2019
- 9,582 Boat Inspections
- 4 Hot Washes
- 21- Watercraft with aquatic weeds present
- 2 - Watercraft with terrestrial plants present

Albeni Falls Aquatic Check Station

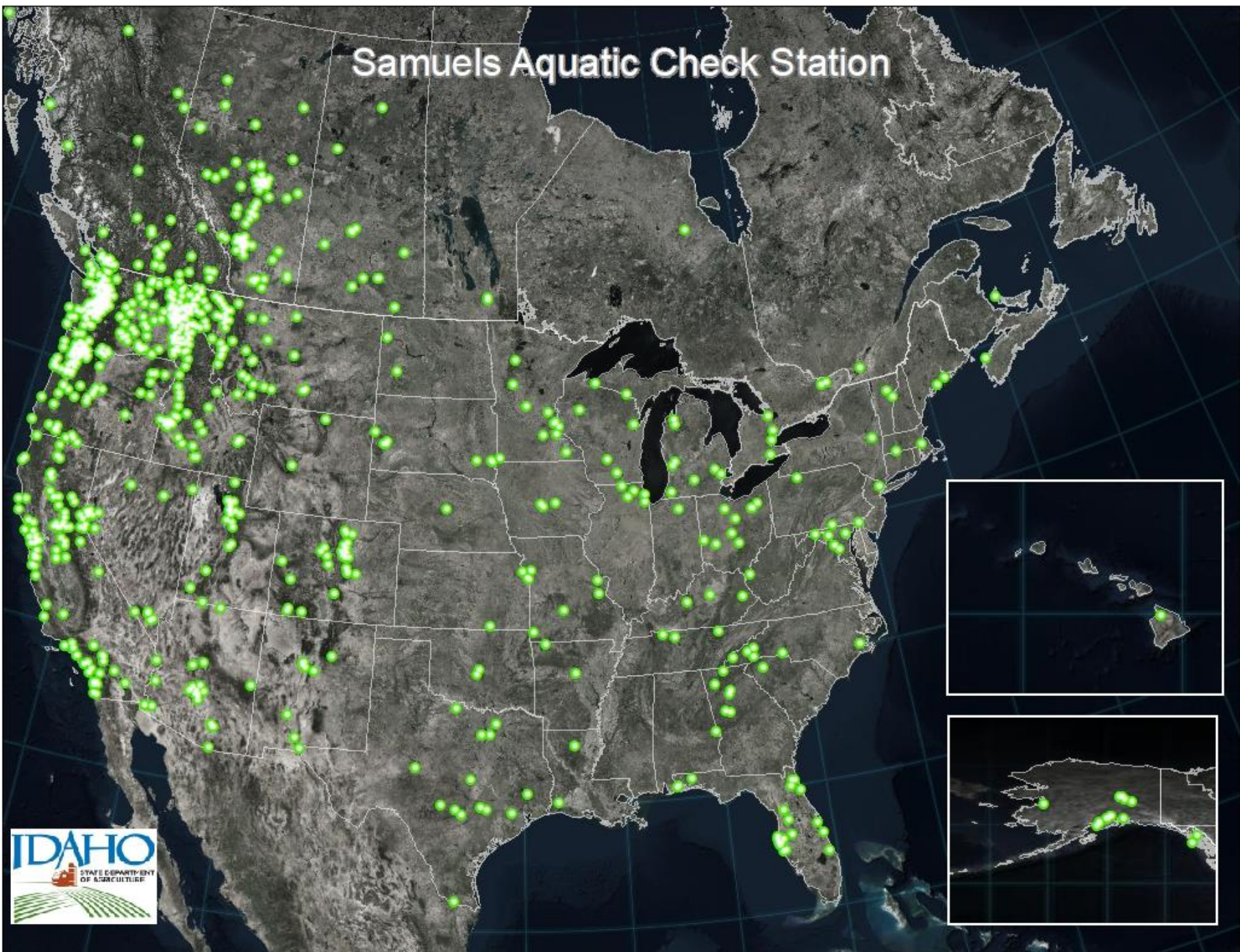


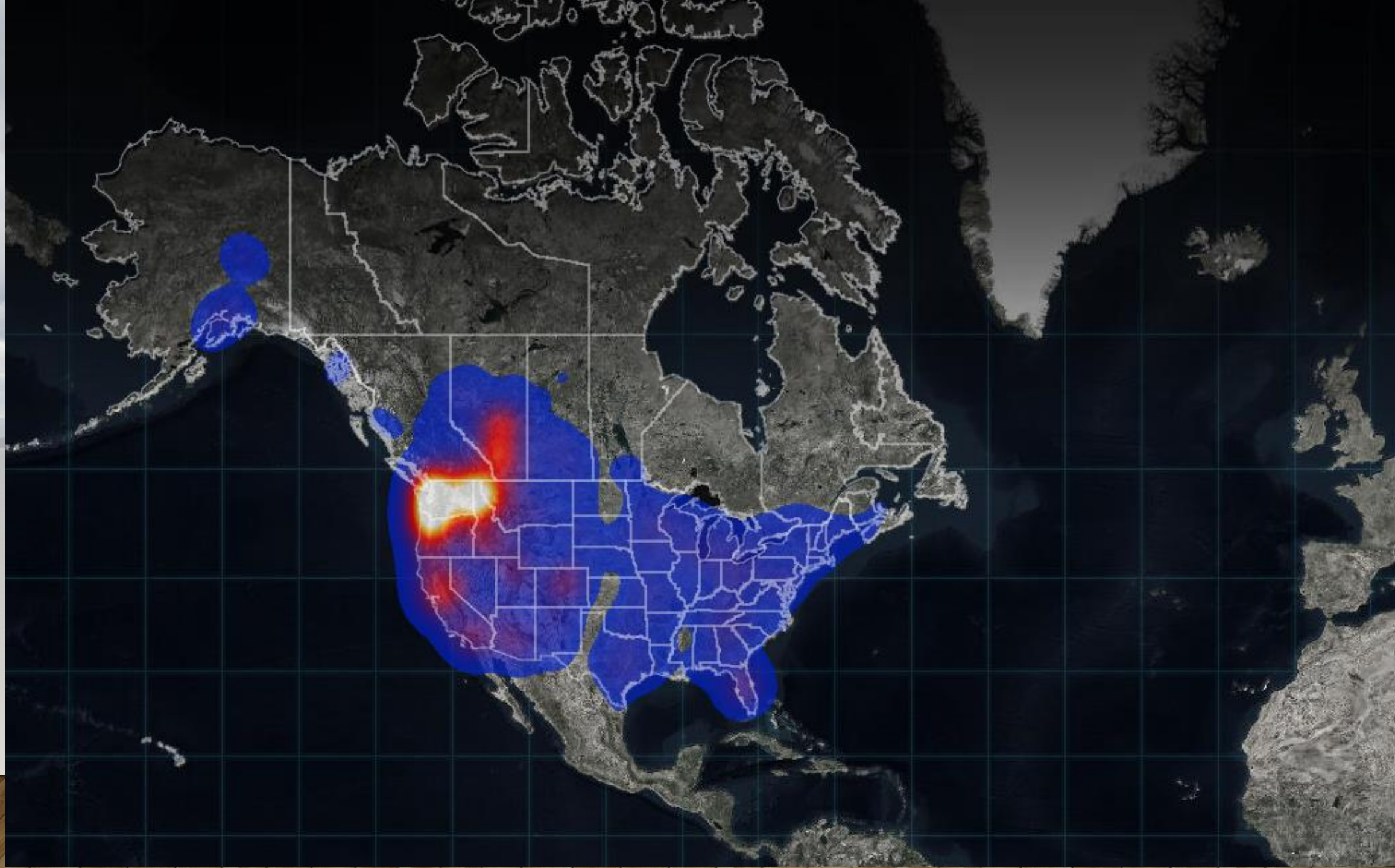


SAMUELS

- Season of operation from May 3, to September 16, 2019
- 9,652 Boat Inspections
- 13 Hot Washes
- 32- Watercraft with aquatic weeds present
- 8 - Watercraft with terrestrial plants present

Samuels Aquatic Check Station

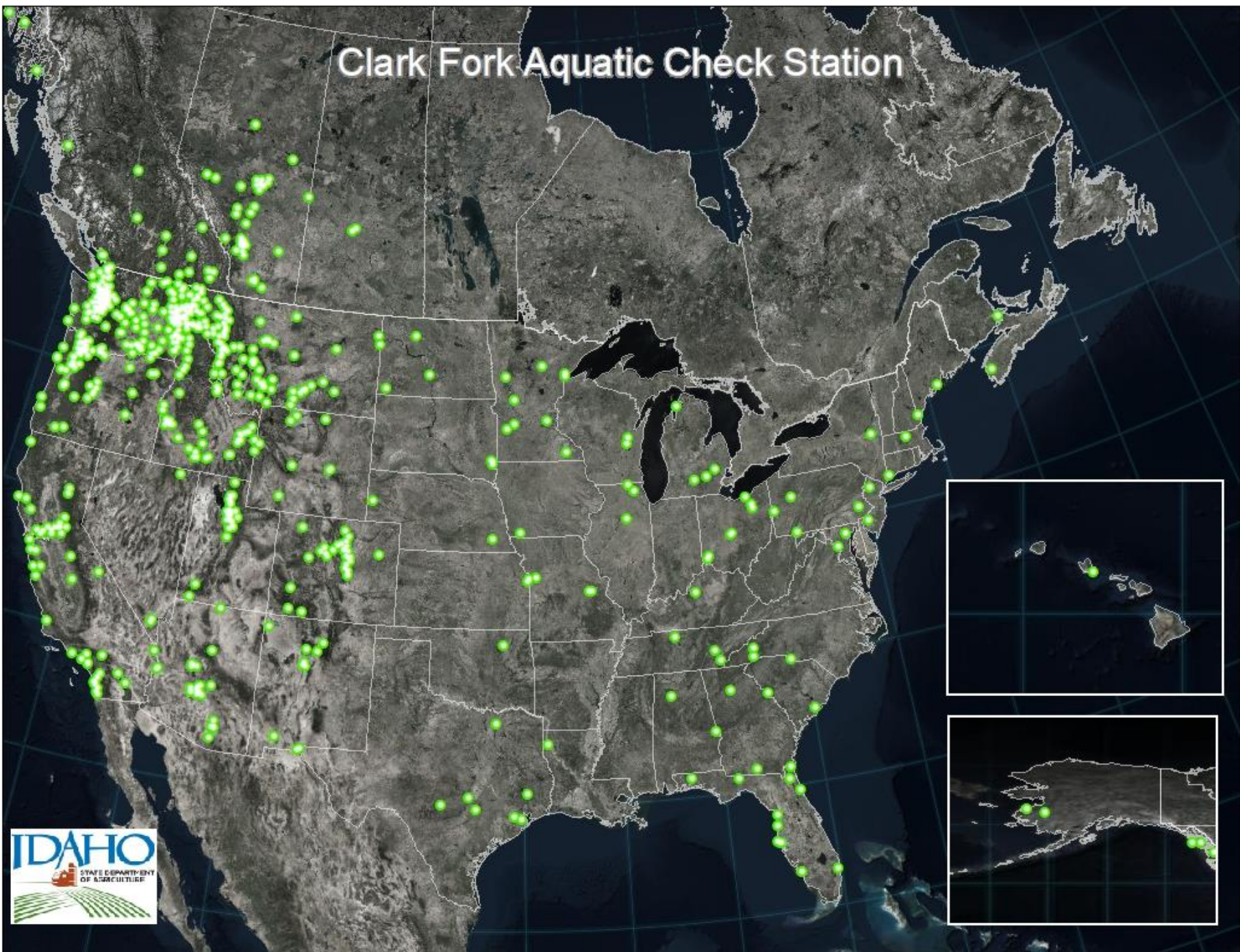


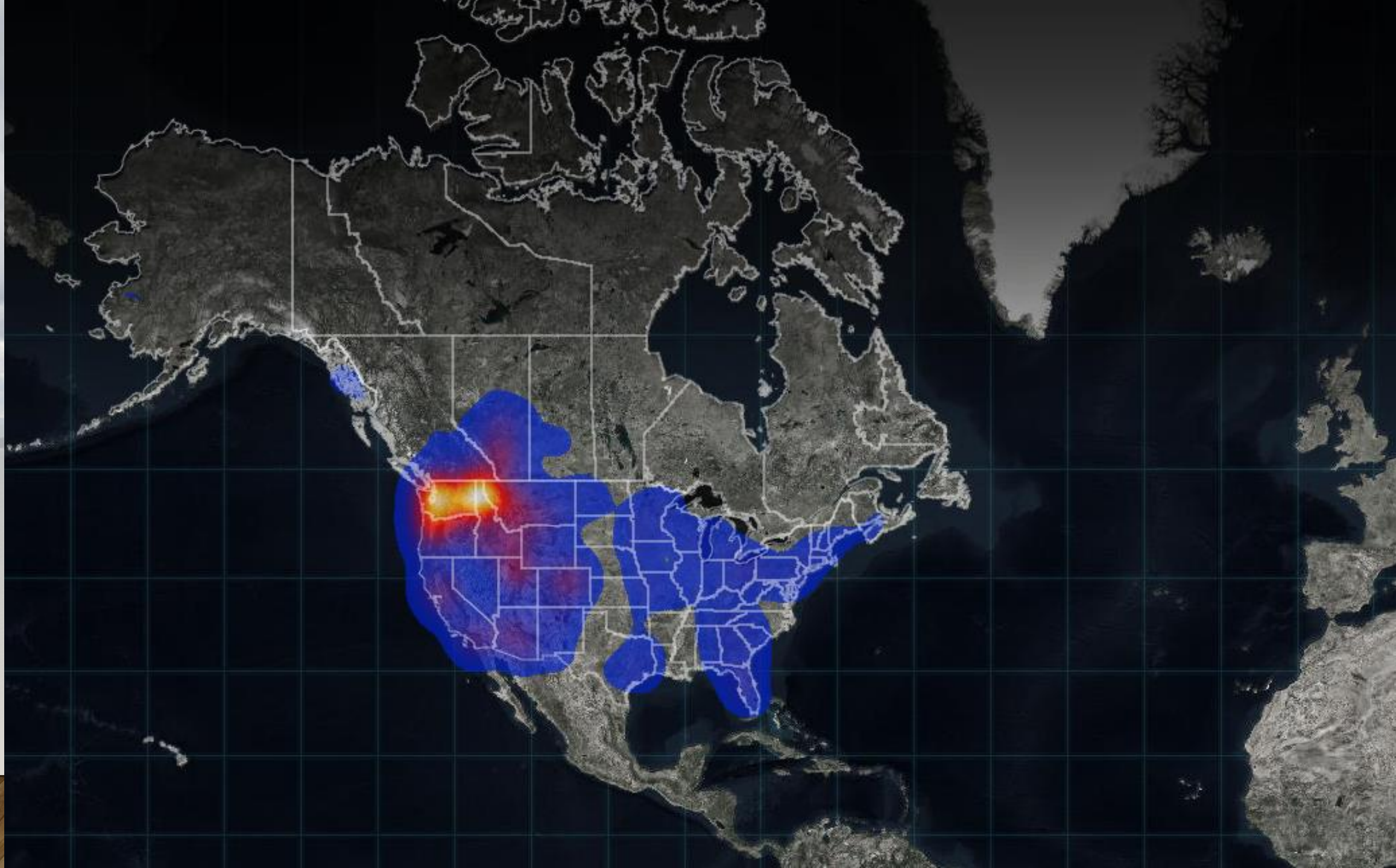


CLARK FORK

- Season of operation from May 3, to September 16, 2019
- 7,008 Boat Inspections
- 24 Hot Washes
- 30- Watercraft with aquatic weeds present
- 1 - Watercraft with terrestrial plants present

Clark Fork Aquatic Check Station





AIS ROVING INSPECTION CREW

- Watercraft inspection & boater outreach
- Primarily at high use boat launches and boating events
 - Races, expos, regattas, peak holiday weekends, etc.
- Thursday-Sunday work week
- Motorized and non-motorized users
- 6 regional inspection crews
 - Boise
 - Twin Falls*
 - Idaho Falls
 - **Post Falls**
 - **Sandpoint***
 - **Bonniers Ferry***

***New station for 2019**



2019 EARLY DETECTION MONITORING

- 10th year of monitoring in Idaho
- Veliger Monitoring (microscopy)
 - **1600** sample goal (2018- **1617** plankton samples collected from **80** waterbodies)
 - Multiple sample events, bi-weekly, per waterbody
 - Priority overnight shipment
 - 2 week turnaround for lab analysis
- Adult Monitoring (visual)
 - Reservoir drawdown, substrate and benthic grab sampling



K. Holzer



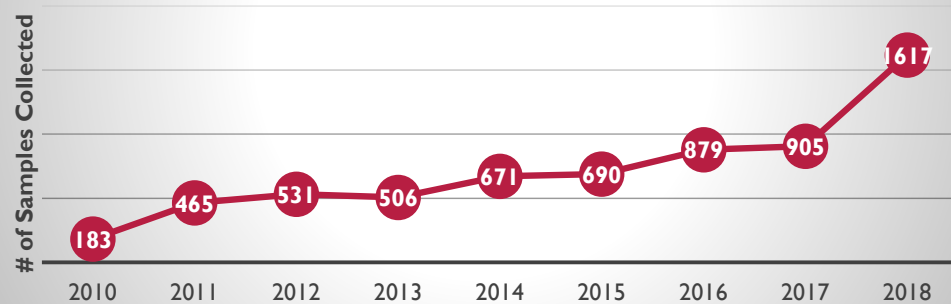
Idaho Waterways Survey
A Standard Operating Procedure for Aquatic Plants & Invasive Species



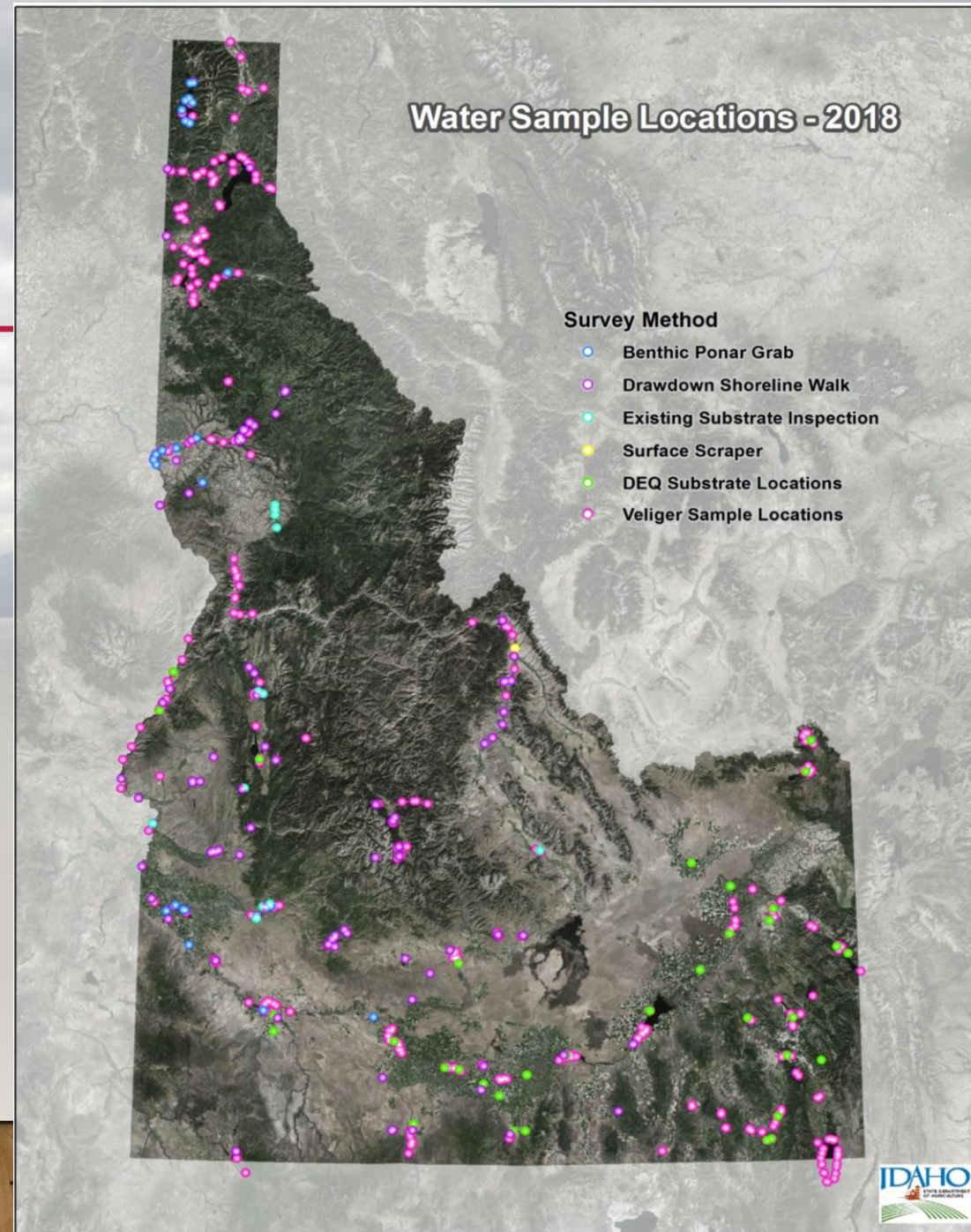
EARLY DETECTION MONITORING

- 2019 analysis ongoing
- No suspicious detections in Idaho
- Assistance from partners (Idaho Power, Tribes, Lemhi County & others)
- Survey for invasive plants, snails, clams, mussels, crayfish, etc.
- Activate Idaho rapid response plan if detection occurs

**Plankton Tow Monitoring for
Dreissenid Veliger Analysis ISDA
2009-2018**

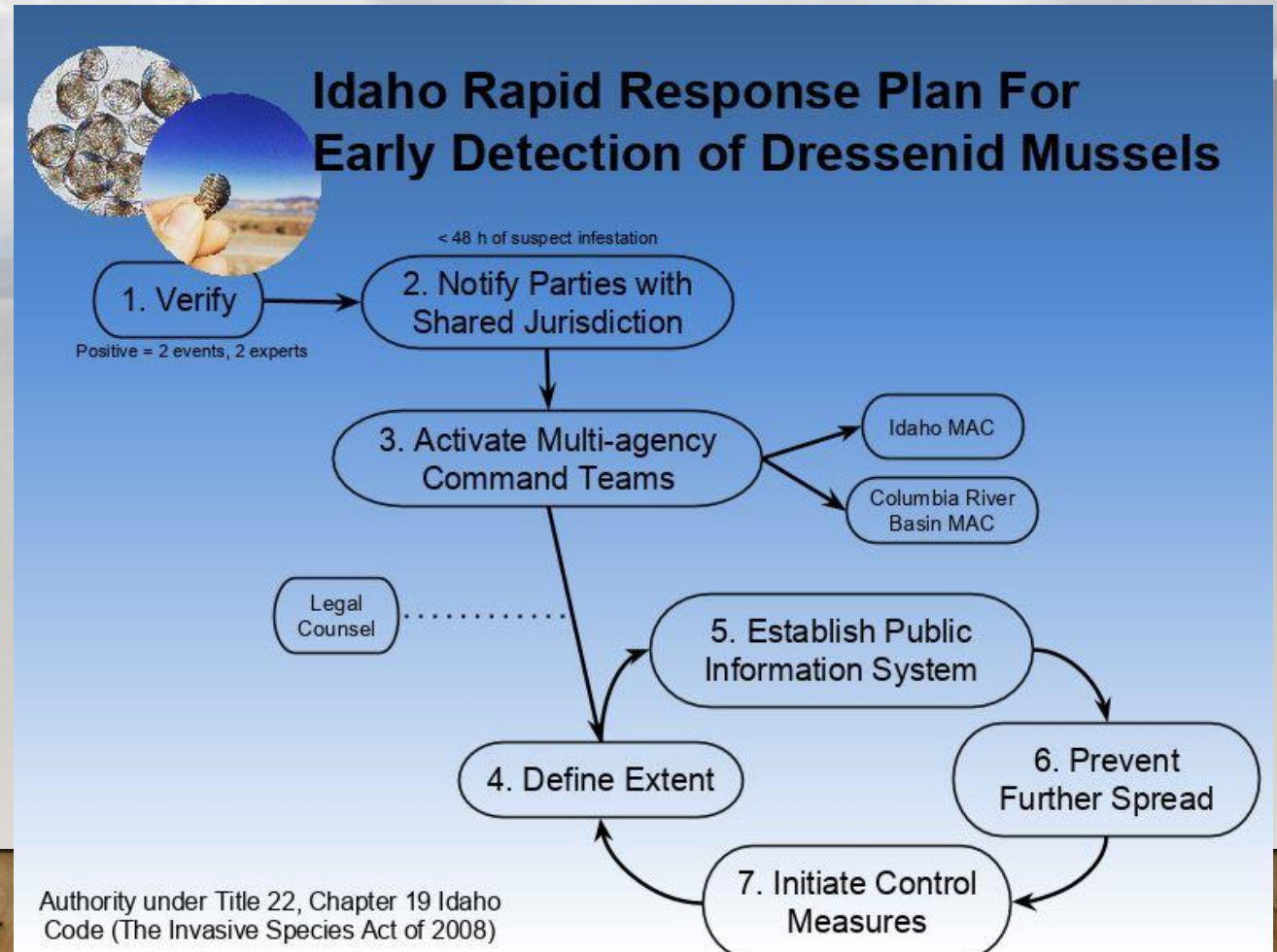


Water Sample Locations - 2018



IDAHO RAPID RESPONSE

- Idaho Rapid Response Plan
 - Aligns with regional state plans
 - Aligns with Columbia River Basin Interagency Plan
 - Focuses on verification and communication
 - Learning from other states' experiences
- Rapid response exercise Hells Canyon– May 2019
 - Idaho Power Company
 - State of Oregon
 - Invasive Species Action Network
 - Pacific States Marine Fisheries Commission
 - USFWS & NOAA NMFS



AQUATIC NOXIOUS WEEDS


- General Update-
 - 742 Total Chemical Acres Treated
 - 10 Total Mechanical Removal Projects
 - 18,980 Total Survey Points Collected*
 - 74 Total Waterbodies Surveyed*

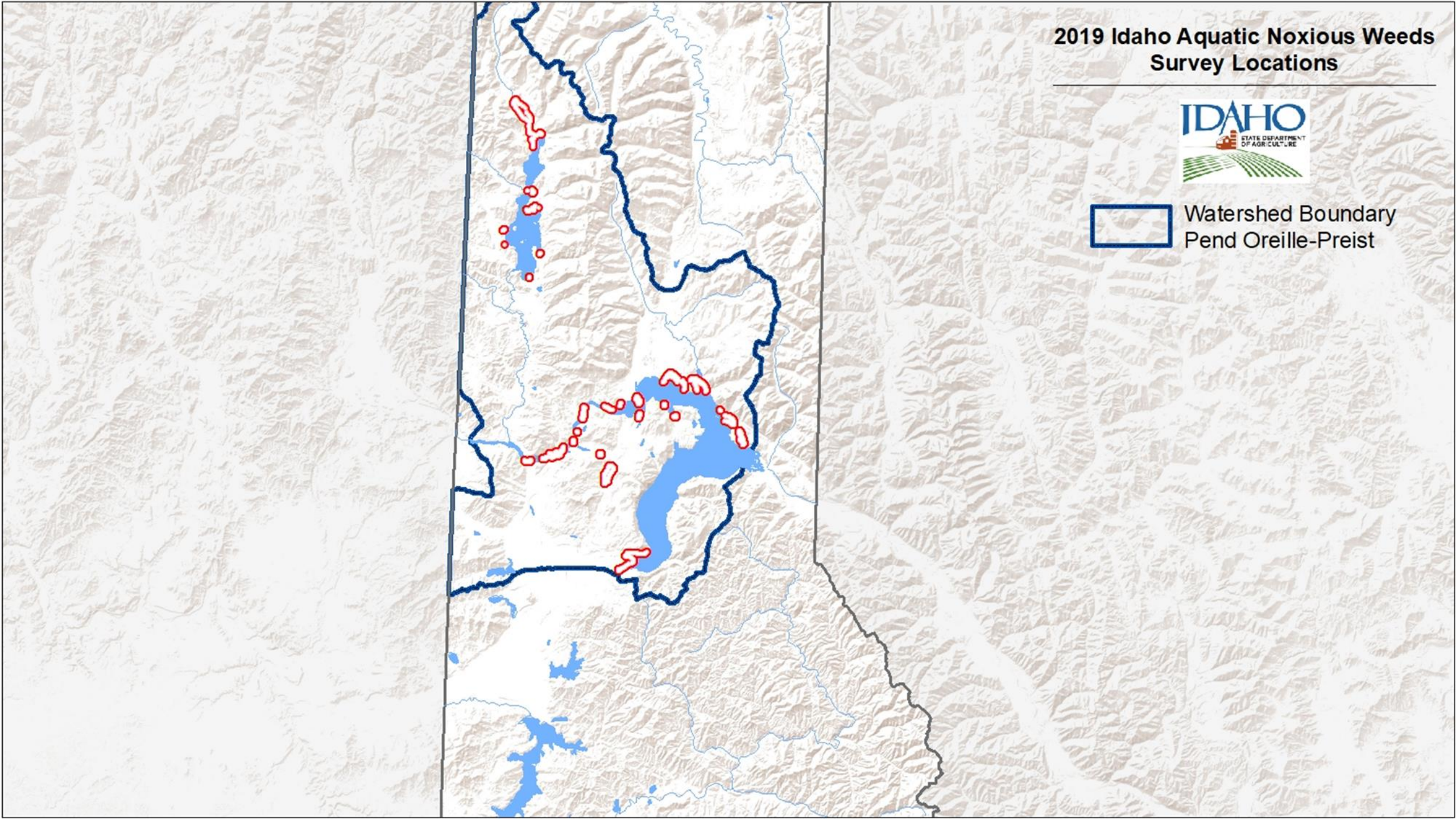
*Surveys are still ongoing numbers are as of 10/1/2019



2019 Idaho Aquatic Noxious Weeds Survey Locations



 Watershed Boundary
Pend Oreille-Preist



AQUATIC NOXIOUS WEEDS

- Pend Oreille Basin Update-
 - 234.71 Chemical Acres Treated
 - 2 Total Mechanical Removal Projects
 - 4,979 Total Survey Points Collected*
 - 6 Total Waterbodies Surveyed*

*Surveys are still ongoing numbers are as of 10/1/2019

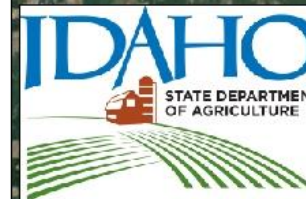
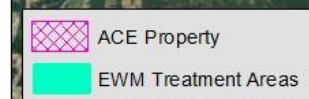
LAKE PEND OREILLE TREATMENT

- 116.72 Chemical Acres
- Eurasian watermilfoil Target Species
- 9 Treatment Areas
- Treated on 9/30/2019
- Tribune (*Diquat*) Herbicide
- Applied by Aquatic Weed Solutions

Lake Pend Oreille Treatments 2019

Eurasian watermilfoil

Area_Name	Acres
Perch Bay	18.221455
Oden Bay	57.025799
Pack River Delta 1	1.346614
Pack River Delta 2	4.023358
Pack River Delta 3	1.223896
Pack River Delta 4	5.928979
Pack River Delta 5	12.548614
Pack River Delta 6	10.14212
Pack River Delta 7	6.265441
Total:	116.726276

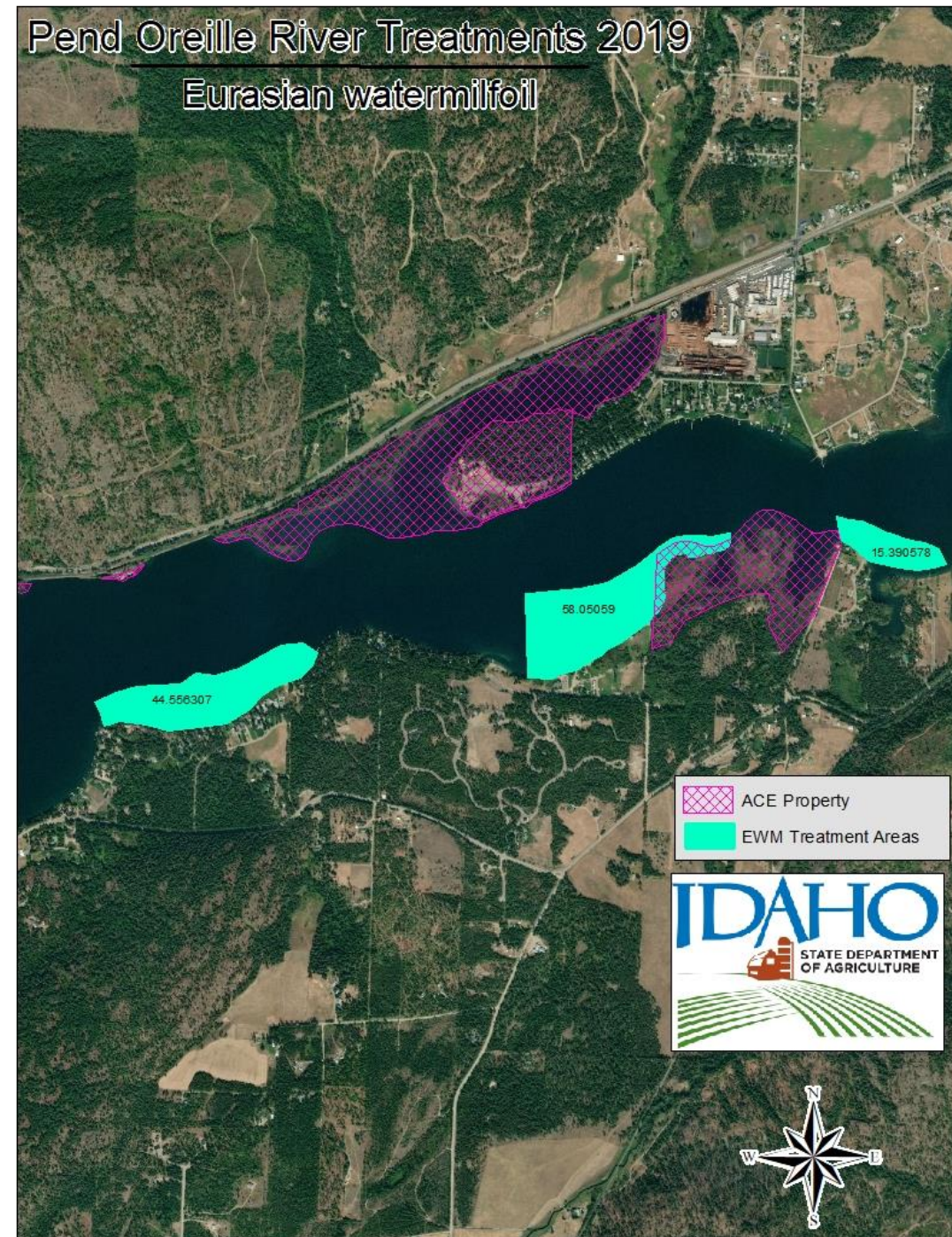


PEND OREILLE RIVER TREATMENT

- 117.99 Chemical Acres
- Eurasian watermilfoil Target Species
- 3 Treatment Areas
- Treated on 9/30/2019
- Tribune (*Diquat*) Herbicide
- Applied by Aquatic Weed Solutions

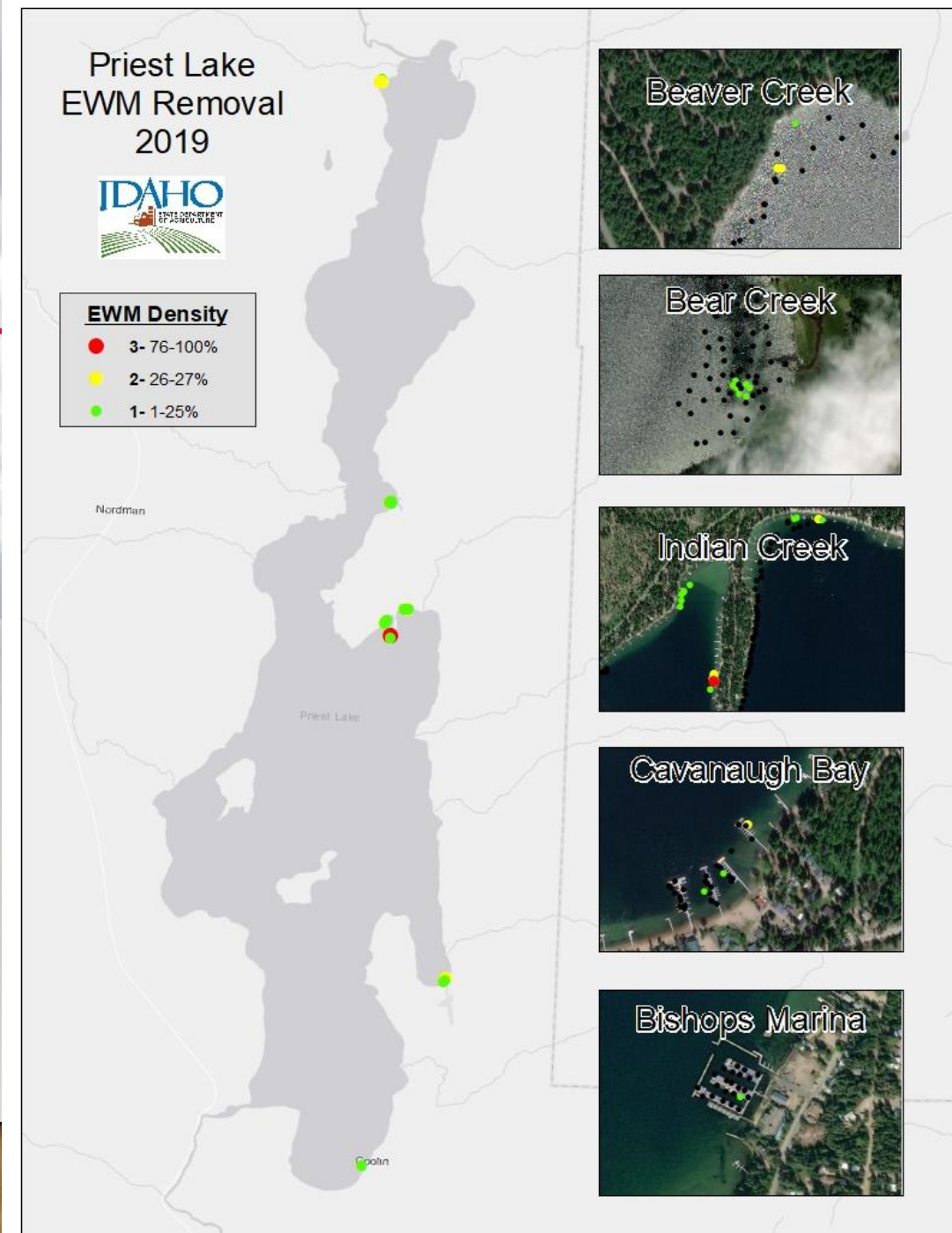
Pend Oreille River Treatments 2019

Eurasian watermilfoil



PRIEST LAKE

- Mechanical Removal Project
- Week of September 16, 2019
- Work Performed by ISDA Staff,
 - Cavanaugh Bay ~67 plants
 - Pinto Point ~500 plants
 - Bishops Marina ~21 plants



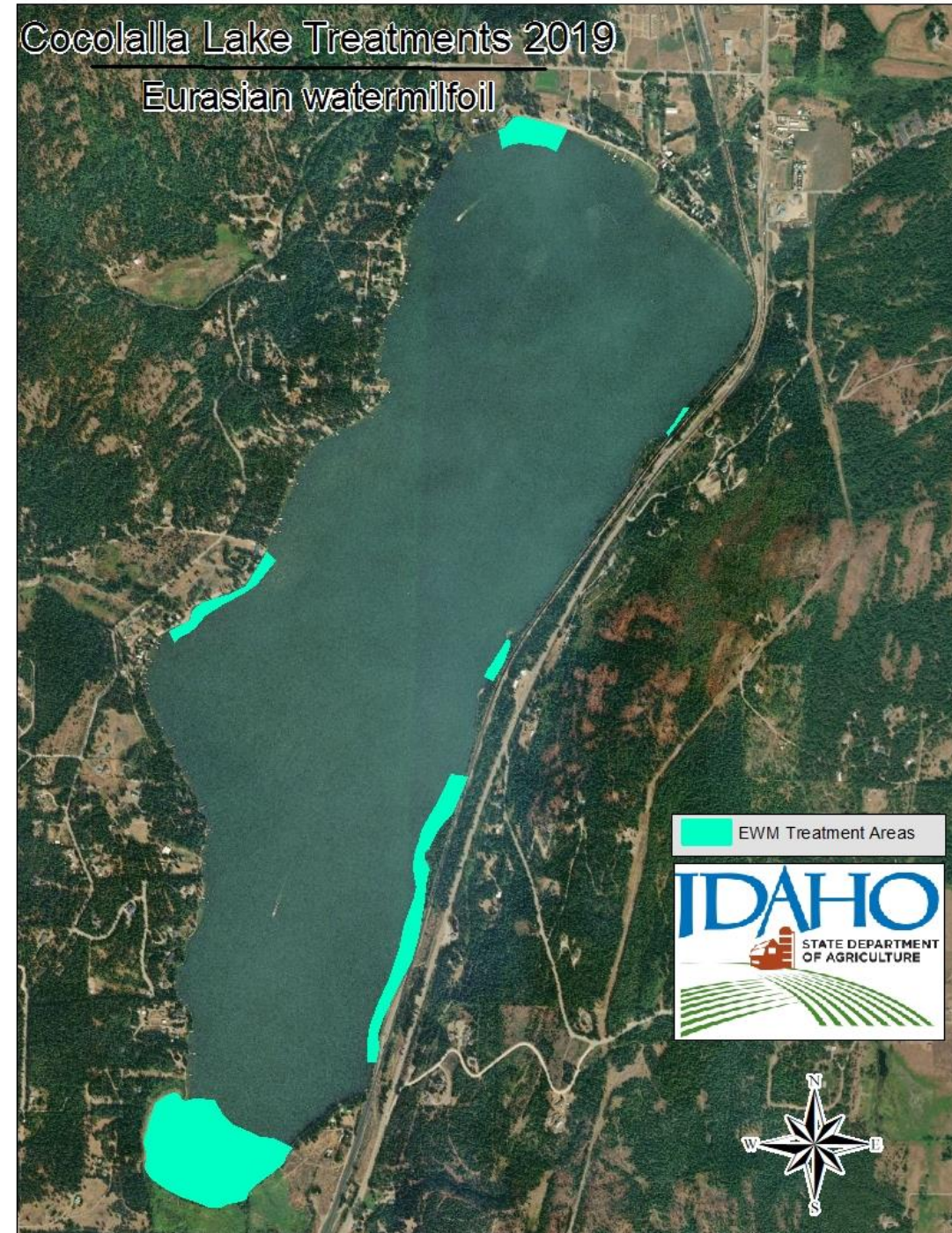


COCOLALLA LAKE

- 50.23 Chemical Acres
- Eurasian watermilfoil Target Species
- 6 Treatment Areas
- Treated on 9/27/2019
- ProcellaCOR (*Florpyrauxifen-benzyl*) Herbicide
- Applied by Aquatechnex

Cocolalla Lake Treatments 2019

Eurasian watermilfoil



22 Days After Treatment



ROUND LAKE

- New detection of Eurasian watermilfoil
- Mechanical Removal Project
- Week of September 11, 2019
- Work Performed by ISDA Staff,
- ~74 Eurasian watermilfoil plants removed



2019 Idaho Aquatic Noxious Weeds Round Lake Survey



Density

- 1
- 2
- 3

AQUATIC NOXIOUS WEEDS

- What is to come
 - Award of Statewide Aquatic Herbicide Applicator Contract this Fall
 - Award of Statewide Diver Operations Contract this Winter
 - Completion of Fall Surveys
 - Curly Leaf Pondweed Turion Approximation Cocolalla & Hayden



RULEMAKING



- In an effort from ISDA and also in alignment with the Governor's Red Tape Reduction Act, ISDA has decided to consolidate and combine like-minded rule chapters to simplify and streamline the rulemaking process and assist the regulated community.
- 02.06.09, Rules Governing Invasive Species and Noxious Weeds
 - 02.06.09, Rules Governing Invasive Species
 - 02.06.22, Noxious Weed Rules
 - 02.06.31, Noxious Weed Free Forage and Straw Certification Rules
- Public Meeting Held on September 18, 2019
 - No objections
- More information can be found agri.idaho.gov

IDAHO INVASIVE SPECIES COUNCIL

- Tentative meeting date set for December 4, 2019 (9AM-4PM)- Boise
- Meeting will include ISDA end of year reports for:
 - Watercraft Inspection Stations
 - Dreissenid mussel surveys
 - Aquatic Noxious Weeds
 - Terrestrial Noxious Weeds
 - Grasshopper/Mormon Cricket
 - Noxious Weed Free Forage and Straw
 - Education and Outreach





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