



AQUATIC INVASIVE SPECIES MANAGEMENT EFFORTS

2021 OVERVIEW

Inspections for aquatic invasive species (AIS) significantly increased in 2021. The increased inspections were in part thanks to partnerships with western South Dakota Conservation Districts and the Enemy Swim Preservation Association. In western South Dakota, funding from the Bureau of Reclamation (BOR) and West Dakota Water Development District supported the operation of eight inspection stations at six major reservoirs in western South Dakota.

In total, 12 inspection stations were in operation across South Dakota on any given week during the summer months. With the addition of new partnerships across the state, GFP was able to significantly increase the number of personnel to 50 inspectors, plus volunteers. Additionally, GFP law enforcement officers assisted with compliance during inspections.

GFP also continued our education and outreach efforts to help educate boaters and water users on best management practices (BMP). GFP implemented geofencing with our social media platforms to deliver AIS messaging to users who entered a certain area, and for a second year in a row conducted gas station television at 42 gas stations across South Dakota.

STRATEGY: MINIMIZE TRANSPORT OF WATER, VEGETATION, AND AQUATIC ANIMALS AMONG WATERS BY:

- » Increasing awareness of AIS and impacts to water users
- » Engaging boaters at inspection stations to help them develop best practices to slow the spread
- » Utilizing law enforcement to engage boaters and help increase regulation compliance

WATERCRAFT INSPECTION STATIONS

- » Maximize boater engagement to increase adoption of best practices to clean, drain, and dry watercraft between uses.
- Three roadside stations were operated in central and eastern SD to maximize boater contacts in 2021.
- Stations were operated at eight boat launch areas at the six largest western SD reservoirs in 2021.
- The U.S. Bureau of Reclamation (BOR) funded stations at Angostura, Belle Fourche, Deerfield, Pactola and Shadehill Reservoirs with the Western Dakota Water Development District also contributing.
- Enemy Swim Preservation Association (ESPA) funded a station at Enemy Swim Lake in 2021.
- 14,556 watercrafts were inspected in 2021 with 583 watercrafts (4 percent) having used waters infested with AIS within the last 14 days.

STATION	INSPECTIONS
Ft. Pierre	833
Webster	801
Enemy Swim	1,739
Sioux Falls	1,153
Angostura	4,632
Pactola	1,476
Deerfield	98
Sheridan	428
Belle Fourche	2,316
Shadehill	1,080

91-99% BOAT PLUG COMPLIANCE AT ALL LOCATIONS IN 2021.

ENFORCEMENT INCREASES COMPLIANCE

Issuance of warnings and citations for violations of AIS statutes and administrative rules helps increase compliance with boat plug, vegetation, and fish and bait transport rules.

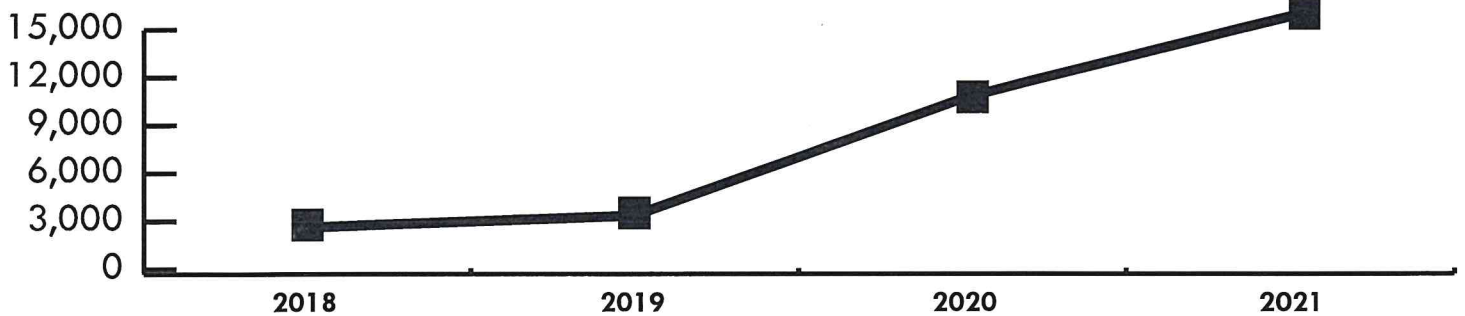
183
WARNINGS

239
CITATIONS

STATE AGENCY PARTNERSHIPS

- » Transportation – use of DOT field locations for watercraft inspections and include a provision in construction contracts stating contractors must obey AIS regulations.
- » Public Safety – use of motor vehicle carrier weigh station locations for watercraft inspections.
- » Agriculture and Natural Resources – distribution of information to irrigators, municipalities, and businesses with surface water withdrawals.
- » Revenue – distribution of rack cards on “clean, drain, dry” to county treasurers for inclusion in registration renewal mailings.

2018-2021 WATERCRAFT INSPECTIONS

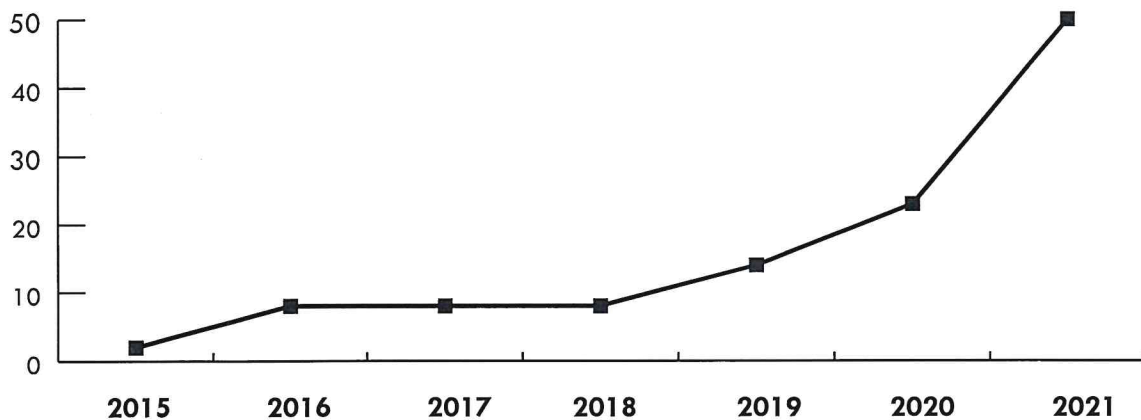


14,556
WATERCRAFTS
INSPECTED IN
2021

583
WATERCRAFTS HAD
RECENTLY BEEN IN
INFESTED WATERS

12
INSPECTION STATIONS WERE SET UP
ON ANY GIVEN WEEK THROUGH-
OUT THE SUMMER IN 2021

2015-2021 WATERCRAFT INSPECTION PERSONEL



EDUCATION AND OUTREACH

- » Reinforce key messages of “Clean, Drain, Dry”, leave boat plugs out except when launching, loading, and on the water, do not move water when transporting bait and fish, and be aware of current AIS infestations.
- Tools include social media, YouTube videos, gas station TV, targeted emails, news releases, rack cards, advertisements, lake association meetings, AIS booth at state fair, “Don’t Let It Loose” pet store bags, AIS training for volunteer inspectors, SDleastwated.sd.gov website, Citizen Monitoring Program, and AIS signage and decontamination equipment at boat ramps.

9
EMAILS TO
100,000+
CONTACTS

7,905
VISITATIONS TO
SDLEASTWANTED.
SD.GOV

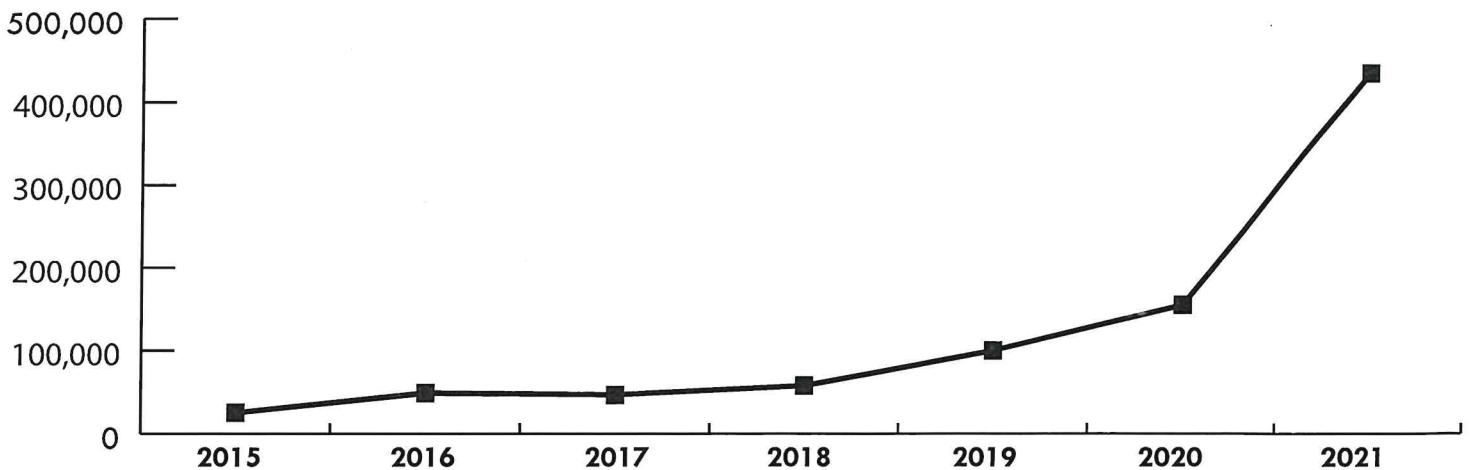
42
GAS STATIONS
RUNNING ADS

4
LAKE ASSOCIA-
TION MEETINGS

2021 APPROXIMATE PROGRAM EXPENDITURES

ACTIVITY	2021 EXPENDITURES	FUNDING SOURCE
Administration	\$125,000	\$94-100K USFWS, 25% GFP Match
Law Enforcement	\$50,000	GFP
Outreach and Education	\$42,000	GFP
Monitoring	\$15,000	GFP
Control	\$8,000	GFP
Central and Eastern Roadside Stations	\$16,000	GFP
Enemy Swim Watercraft Inspection Station	\$24,000	ESPA - \$19,000 GFP - \$5,000
BOR Watercraft Inspection Stations	\$254,000	BOR - 98%, GFP, WDWDD
Sheridan Lake Watercraft Inspection Station	\$4,000	GFP
TOTAL	\$538,000	

2015-2021 FEDERAL GRANT FUNDS RECEIVED TO SUPPORT AIS



AIS MANAGEMENT PROGRAM TIMELINE

