



Aquatic Invasive Species 2022 Year In Review

Aquatic Invasive Species Program

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A Year in Reflection



Return to face-to-face outreach



Monitoring & surveys



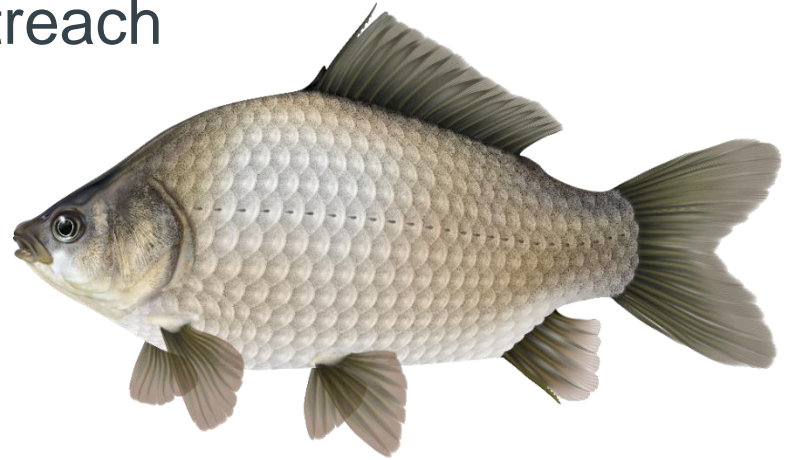
New AIS locations



Watercraft inspection stations program



Pesticide applications and Potash registration



Guess the right answer and
win prizes!



QUIZ TIME

Outreach & Public Education

Edmonton Boat & Sportsmen's Show - March 2022



Pond Days - June 2022



Goldfish Derby Lethbridge - July 2022



This Lethbridge pond was treated with rotenone in 2022

How many goldfish were
removed?



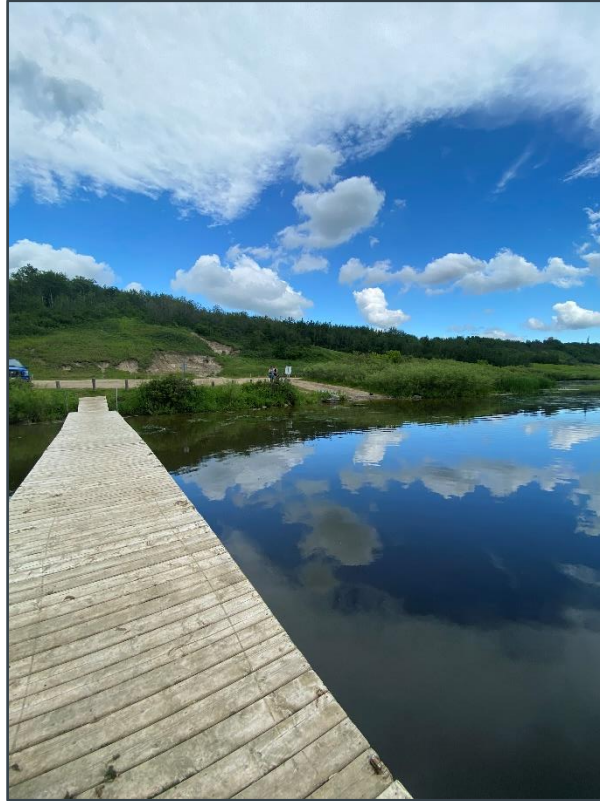
QUIZ TIME

Pop up Watercraft Station - August 2022



Field Surveys

Coal Lake Carp Survey - June 2022



Blood Indian Reservoir – July 2022



What is the reproductive ability

Prussian carp use to clone
themselves?



QUIZ TIME

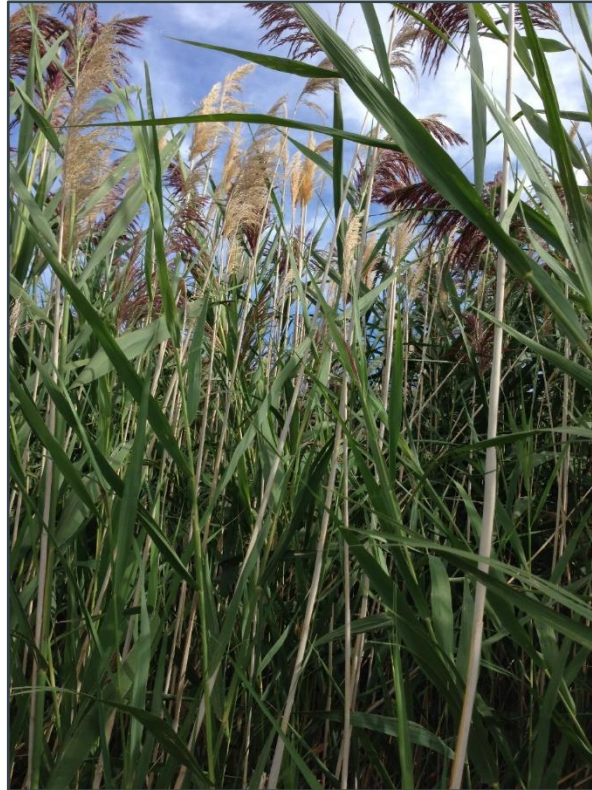
Whitemud Creek Electrofishing - August 2022



Phragmites Sampling – August 2022

11 sites visited and
sampled across Alberta

3 invasive locations
First **hybrid** report



Lacombe Survey – September 2022



Watercraft Inspection/Decon/K9 Program

2022 Season Highlights

Watercraft Inspections

End of Season Oct 31, 2022

	Total
Total Inspections	8032 (65% high risk)
Night Inspections (19:00-06:00)	656
Mussel Fouled	19 (14 from Ontario)
Plants Found	121
Skippers	1303 (16%) 110 returned by officer



What is the estimated annual cost of damages if invasive mussels arrived in Alberta?



QUIZ TIME

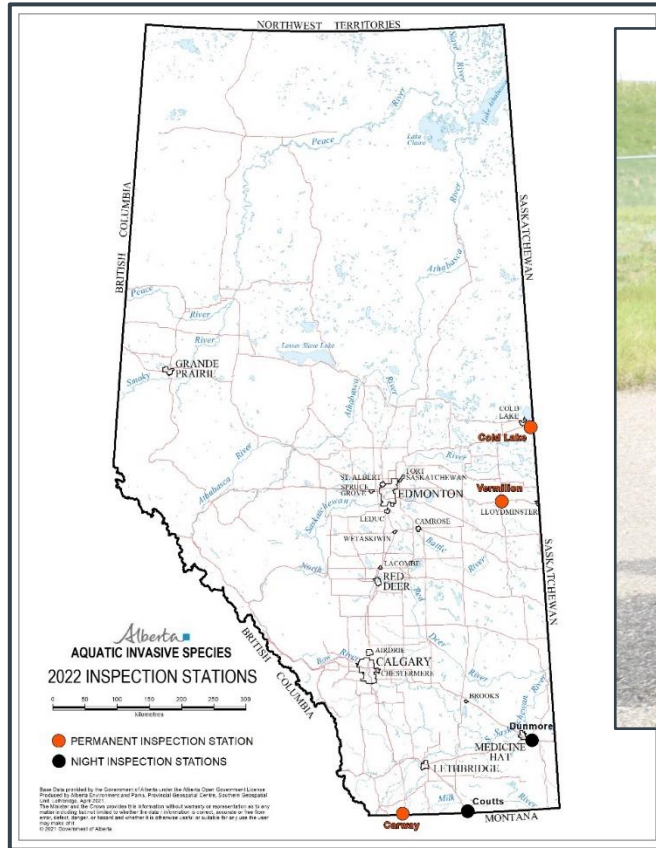
Manufacturer Program – March 2022



Decon Training Returns (since 2019) – April 2022



Carway Station Re-opens in 2022



Major Interception: Mussel Fouled Barge – June 2022



How many mussel fouled boats were intercepted in 2022?



QUIZ TIME

Significant New AIS Locations

Pale Yellow Iris Lacombe Lake– July 2022



Prussian Carp

North Saskatchewan River Edmonton



Prussian Carp

Cardiff Trout Pond – New Watershed

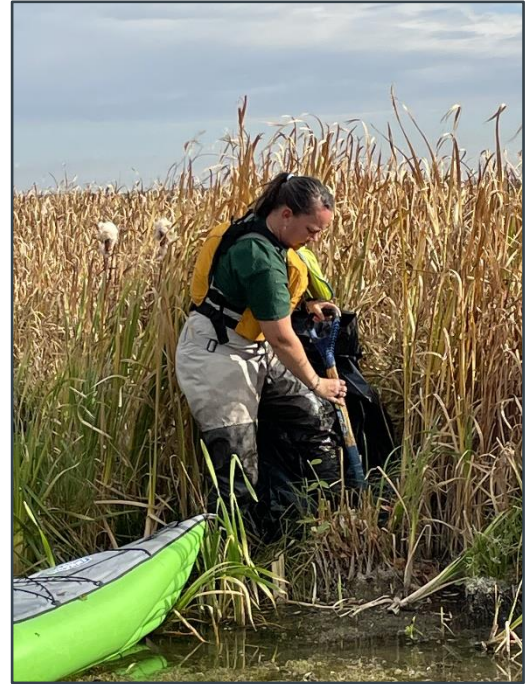


How many watersheds are Prussian
carp present in Alberta?



QUIZ TIME

Purple Loosestrife Wabamun Lake



Banff finds crayfish - August 2022

'They're not supposed to be here': Invasive crayfish found in Banff National Park

Jason Herring

Aug 24, 2022 • August 24, 2022 • 2 minute read • [Join the conversation](#)



Pesticide Applications

Lake Isle: Herbicide Study



Lake Isle Herbicide 5 Year Project: First Year



Wainwright Purple Loosestrife

2019



2022



How many years can purple
loosestrife seeds stay viable for?

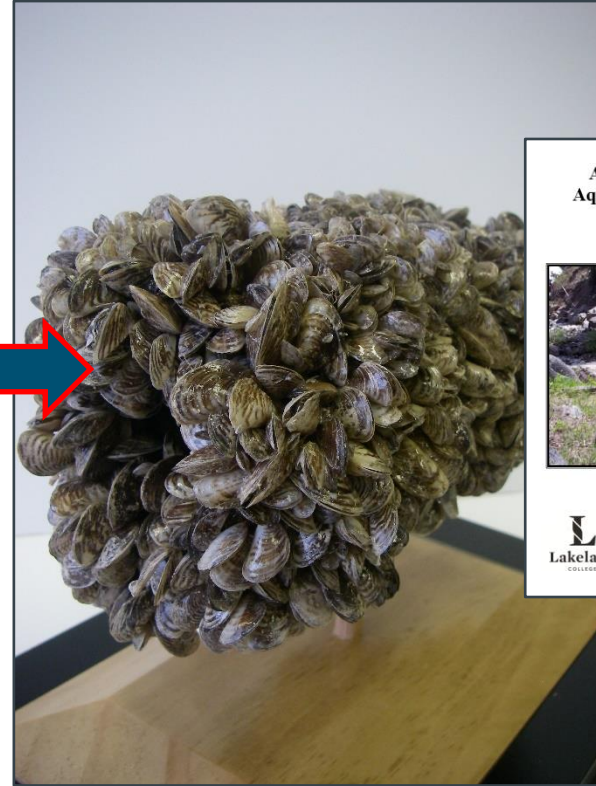


QUIZ TIME

Potash Registration



Nutrien



Alberta Special: Fish and
Aquatic Invertebrate Control
Training Manual



Lakeland
COLLEGE

Alberta Environment
and Parks

A year of new success and continued challenges



THANK YOU! Questions?

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