

# Mussels And Mutts: The Alberta Conservation K-9 Program



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# The Alberta Context

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# Irrigation in Alberta



# Estimated Annual Costs of an Alberta Invasive Mussel Infestation

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**\$75 Million Per Year**

# Alberta Prevention Program

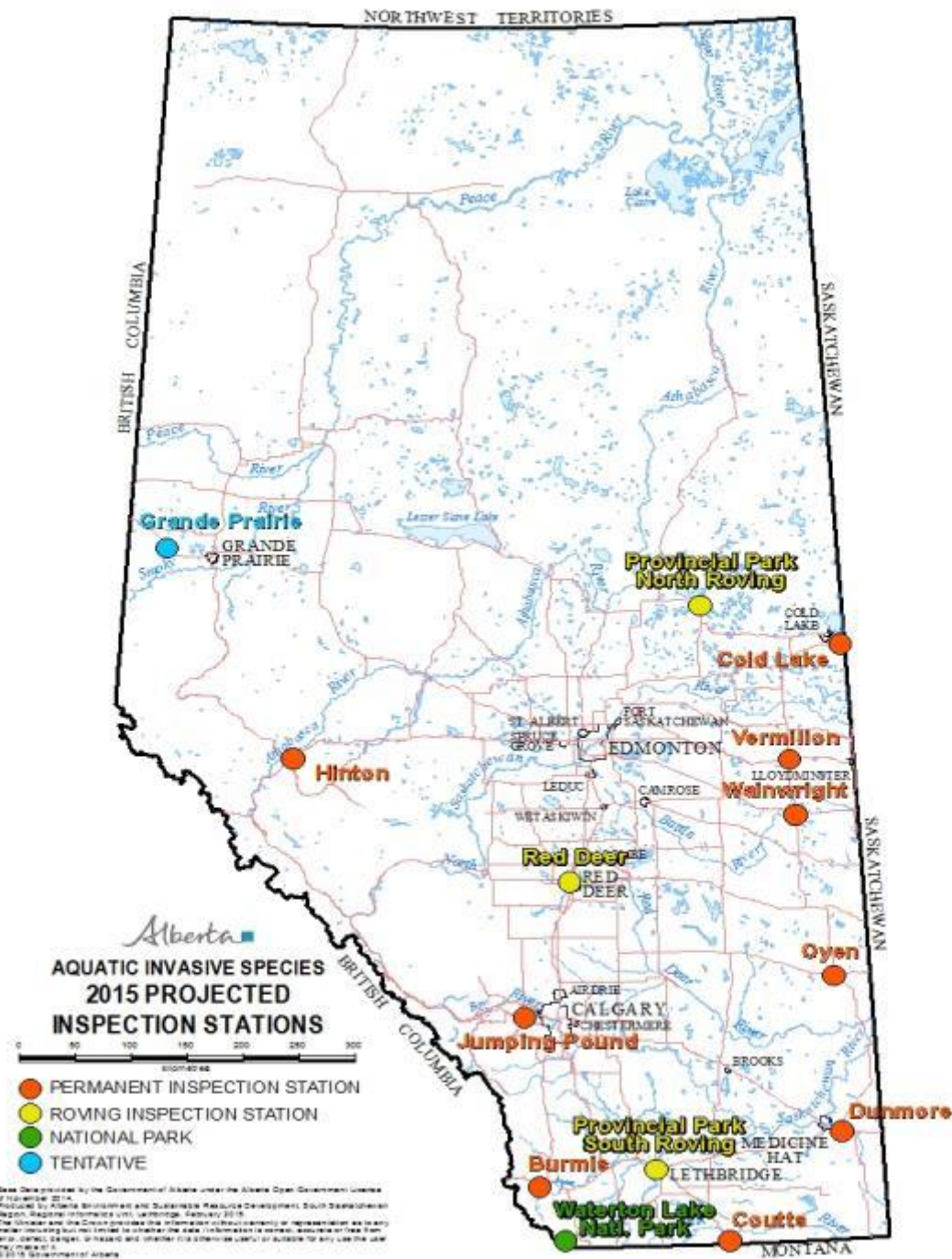
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# Inspections

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# Why Dogs?

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# What Makes a Good Detection Dog?

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- 1. 2014 Alberta / Montana K-9 Pilot**
- 2. 2015 Snowbird K-9 Inspections**
- 3. Alberta Conservation K-9 Program**



# Working Dogs for Conservation



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# AB / MT K-9 Mussel Detection Pilot



Working Dogs  
for Conservation



Alberta Irrigation  
PROJECTS ASSOCIATION



Flathead Basin  
Commission



# 2014 Alberta / Montana K-9 Pilot

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WHAT THE DOGS ARE  
LOOKING FOR:

**INVASIVE MUSSELS**



WHAT THE DOGS ARE  
NOT LOOKING FOR:

**EVERYTHING ELSE**







# Reward





# Comparison Trial

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# Results:

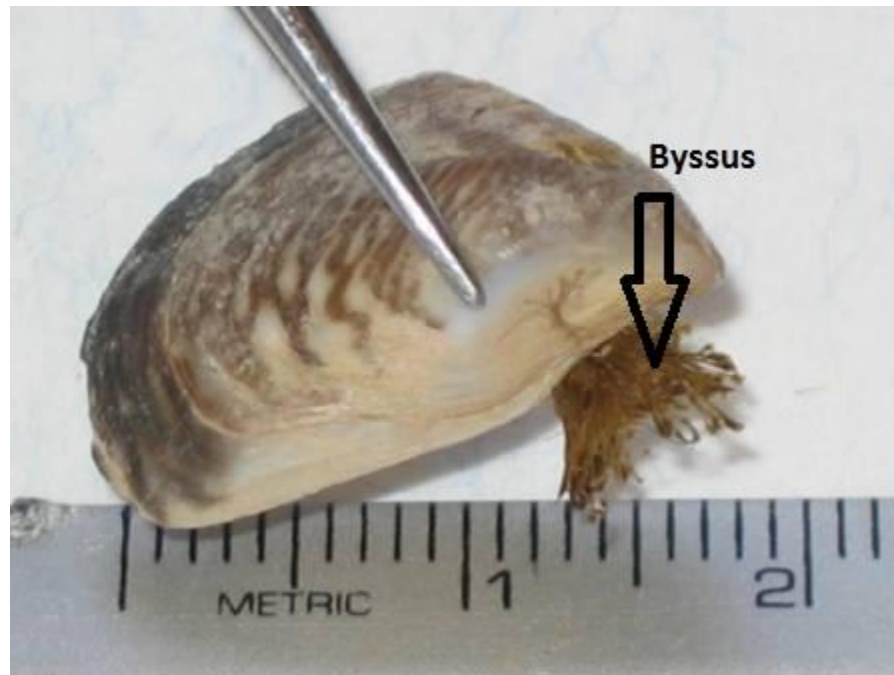






# Byssal

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# 2015 Snowbird K-9 Inspections



# Night Inspections Pilot

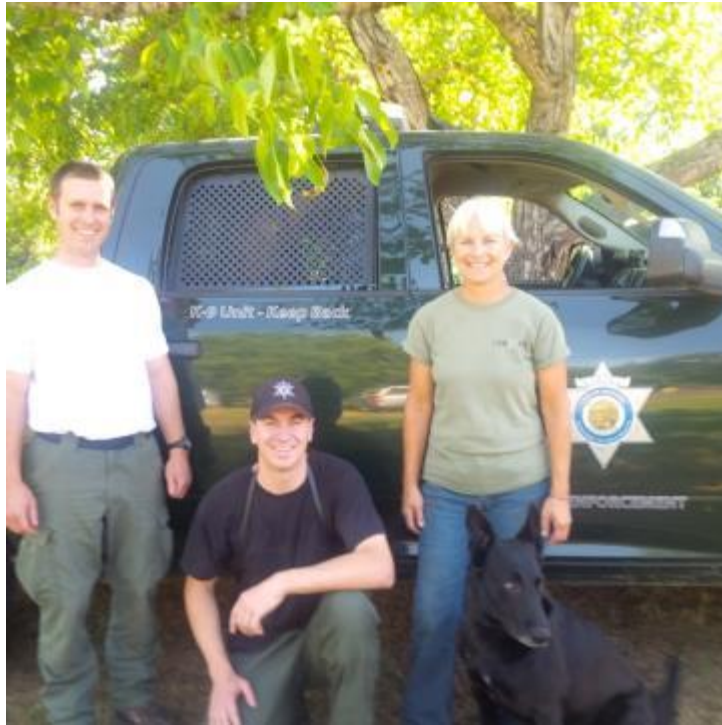


# The Alberta Conservation K-9 Program

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# California Dept. Fish and Wildlife





















Alberta



# Alberta Conservation K-9 Team

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