

Washington Invasive Species Council



WASHINGTON STATE
RECREATION AND CONSERVATION OFFICE

Washington Invasive
Species Council

InvasiveSpecies.wa.gov



Instagram



WISC

Washington Invasive Species Council

What is an invasive species?

Washington State (Revised Code of Washington (RCW) 79A.25.310)

“**Invasive species**” include nonnative organisms that cause economic or environmental harm and are capable of spreading to new areas of the state.

Does not include livestock, intentionally planted agronomic crops, or non-harmful exotic organisms

Examples include:

- Terrestrial Plants
- Aquatic Plants
- Insects
- Terrestrial Animals
- Aquatic Animals
- Infectious Diseases



Washington Invasive Species Council

What organizations are represented?

Ray Willard, Chair

Washington Department of Transportation

Anna Lyon

Okanogan County

Pat DeHaan

United States Fish and Wildlife Service

Pat Stevenson, Vice Chair

Stillaguamish Tribe of Indians

Todd Hass

Puget Sound Partnership

Karen Ripley

United States Forest Service

William Tweit, Immediate Past Chair

Washington State Department of Fish and Wildlife

Mark Taylor

Trout Unlimited

Brad White

Washington State Department of Agriculture

Shaun Seaman

Chelan County Public Utility District

B. Luke Woods

United States Coast Guard

Lizbeth Seebacher

Washington State Department of Ecology

Joseph Maroney

Kalispel Tribe of Indians

Mary Braswell

United States Customs and Border Protection

John Gamon

Washington State Department of Natural Resources

Steven Burke

King County

Clinton Campbell

United States Department of Agriculture

Vacant

Washington State Noxious Weed Control Board

Kendall Farley

Northwest Power and Conservation Council

Adam Sepulveda

United States Department of the Interior

Rob Fimbel

Washington State Parks and Recreation Commission

Todd Murray

Washington State University

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How is the council supported?

Industry Advisory Panel Members

Shaun Seaman, Council Panel Representative
Chelan County Public Utility District

Mike Schwisow
Washington State Water Resources Association

Diane Cooper
Taylor Shellfish

Heather Hanson
Washington Friends of Farms and Forestry

Peter Schrappen
Northwest Marine Trade Association

William Raynolds
Washington Nursery and Landscape Association

Recreation & Conservation Office Staff Members

Justin Bush
Executive Coordinator

Brianna Widner
**Community Outreach & Environmental Education
Specialist II**

Wyatt Lundquist
Board Liaison

Alexis Haifley
Administrative Assistant

The Recreation and Conservation Office is a small state agency that manages grant programs to create outdoor recreation opportunities, protect the best of the state's wildlife habitat and farmland, and help return salmon from near extinction.

www.rco.wa.gov

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Priority Invasive Species

- Proximity: Here, Near, Far
- Summary of Scores:
 - Impacts
 - Ecological
 - Economic
 - Human Health
 - Ability to Prevent/Manage
 - Invasive Potential
 - Difficulty of Control
 - Feasibility of Prevention/Early Action

Washington Invasive Species Council
Invasive Species Impact Analysis
March 11, 2009

Impact Summary

Species/Guild Name:	Impact Rating			Through the Gate?		
	High	Medium	Low	Here	Near	Far
Z/Q					<input checked="" type="radio"/>	

Is it Through the Gate? *location only impact*

Here Species is having detrimental impacts in Washington. *est. pop*

Near Species is having detrimental impacts in Pacific Northwest region and similar habitat exists in Washington. *est. pop*

Far Impacts are seen in areas outside of the Pacific Northwest, including other countries, with climate conditions similar to Washington.

Est. bl. ind of Species est. pop in

Species are entering along pathway no est. pop.

Summary of Scores	
Ecological Impact	30
Economic Impact	30
Human Health Impact	3
Entry, Dispersal, Establishment, and Spread Potential	24
Distribution	0
Difficulty to Control	10
Other Species in Genus Invasive	3
Regulatory Controls in Place	10
TOTAL	107

pick level that best describes category

Worksheet

Points	Category
1. <u>10</u>	ECOLOGICAL IMPACT
	Impact on ecosystem processes.
	A. No impact on ecosystem processes. 0
	B. Influences ecosystem processes to a minor degree (e.g., has a perceivable but mild influence on soil nutrient availability). 3
	C. Causes significant alteration of ecosystem processes (e.g., increases sedimentation rates along streams or coasts, reduces areas of open water, alters water chemistry, alters rate of water retention, reduces ecosystem productivity). 6
	<input checked="" type="radio"/> D. Causes major, possibly irreversible, alteration or disruption of ecosystem processes (e.g., alters geomorphology, hydrology, or fire frequency; fixes substantial levels of nitrogen in the soil which favors non-native species). 10
	U. Unknown

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STW

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Priority Invasive Species

Terrestrial Plants

Butterfly Bush
Common Crupina
Garlic Mustard
Invasive Knapweeds
Invasive Knotweeds
Kudzu
Leafy Spurge
Poison Hemlock
Puncturevine
Rush Skeletonweed
Scotch Broom
Scotch Thistle
Tamarisk

Insects

Apple Maggot
Brown Marmorated Stink Bug
Emerald Ash Borer
European Chafer
Gypsy Moths
Invasive Longhorned Beetles
Japanese Beetle
Onion Leaf Miner
Scarlet Lily Beetle
Sirex Woodwasp
Spotted Wing Drosophila

Aquatic Animals

Asian Carp
Invasive Crabs
Invasive Frogs & Crayfish
Invasive Tunicates
Invasive Zooplankton
New Zealand Mud Snail
Northern Pike
Northern Snakehead
Nutria
Overbite Clam
Quagga/Zebra Mussels

Aquatic Plants

Brazilian Elodea
Caulerpa
Flowering Rush
Hydrilla
Invasive Milfoils
Parrotfeather
Phragmites
Purple Loosestrife
Spartina
Starry Stonewort

Infectious Diseases

Infectious Amphibian Diseases
Infectious Fish Diseases
White Nose Syndrome/Pd

Terrestrial Animals

Feral Swine
Mediterranean White Snail



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Priority Invasive Species

Here

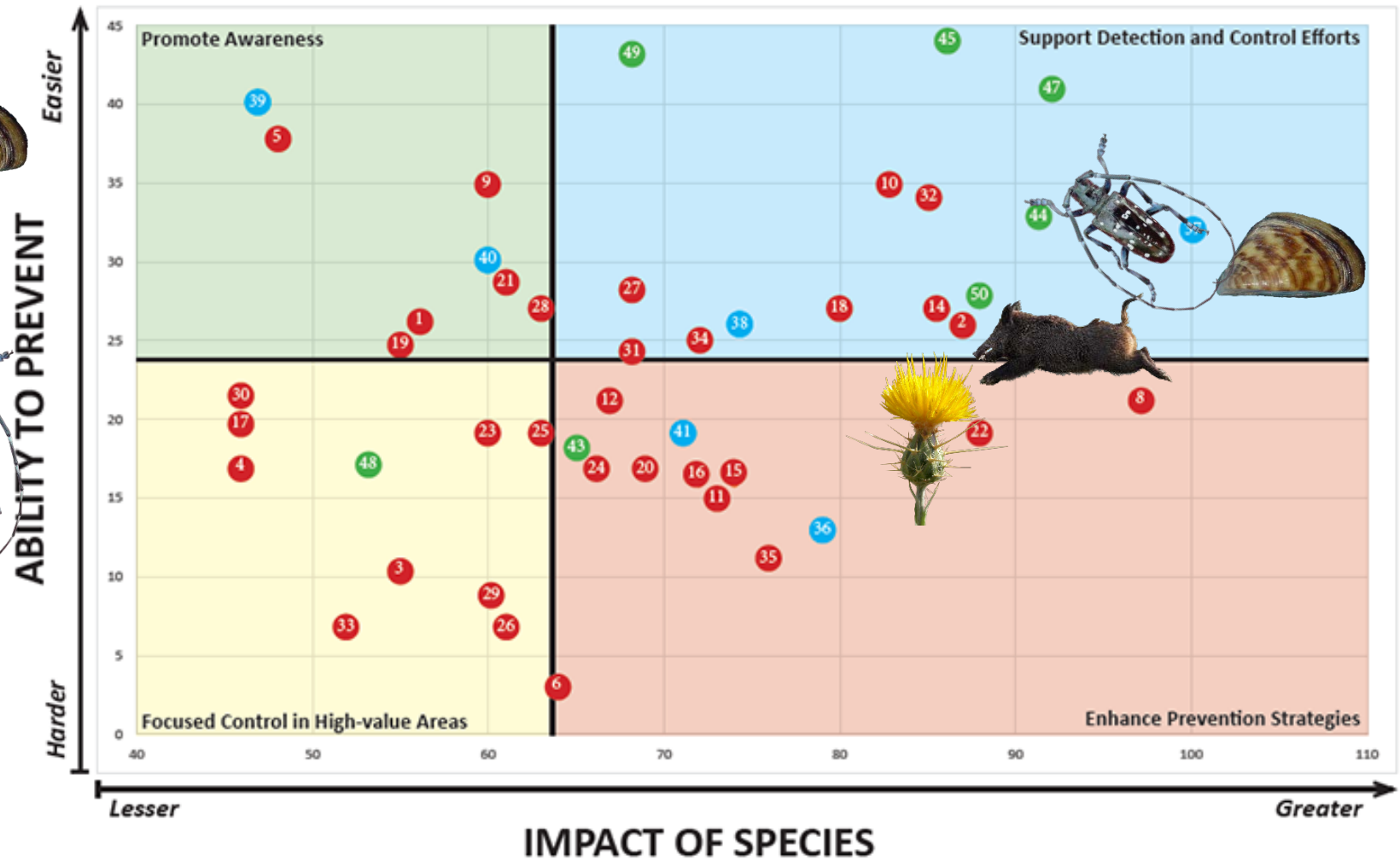
1. Apple maggot
2. Brazilian elodea
3. Brown marmorated stink bug
4. Butterfly bush
5. Common crupina
6. European chafer
7. Feral swine
8. Flowering rush
9. Garlic mustard
10. Hydrilla
11. Infectious amphibian diseases
12. Invasive frogs and crayfish
13. Invasive knapweeds
14. Invasive knotweeds
15. Invasive milfoils
16. Invasive tunicates
17. Invasive zooplankton
18. Leafy spurge
19. Mediterranean white snail
20. New Zealand mud snail
21. Northern pike
22. Nutria
23. Parrotfeather
24. Phragmites
25. Poison hemlock
26. Puncturevine
27. Purple loosestife
28. Rush skeletonweed
29. Scarlet lily beetle
30. Scotch broom
31. Scotch thistle
32. Spartina
33. Spotted wing drosophila
34. Tamarisk
35. White nose syndrome/Pd

Near

36. Caulerpa
37. Gypsy moths
38. Invasive crabs
39. Japanese beetle
40. Northern snakehead
41. Overbite clam
42. Zebra and quagga mussels

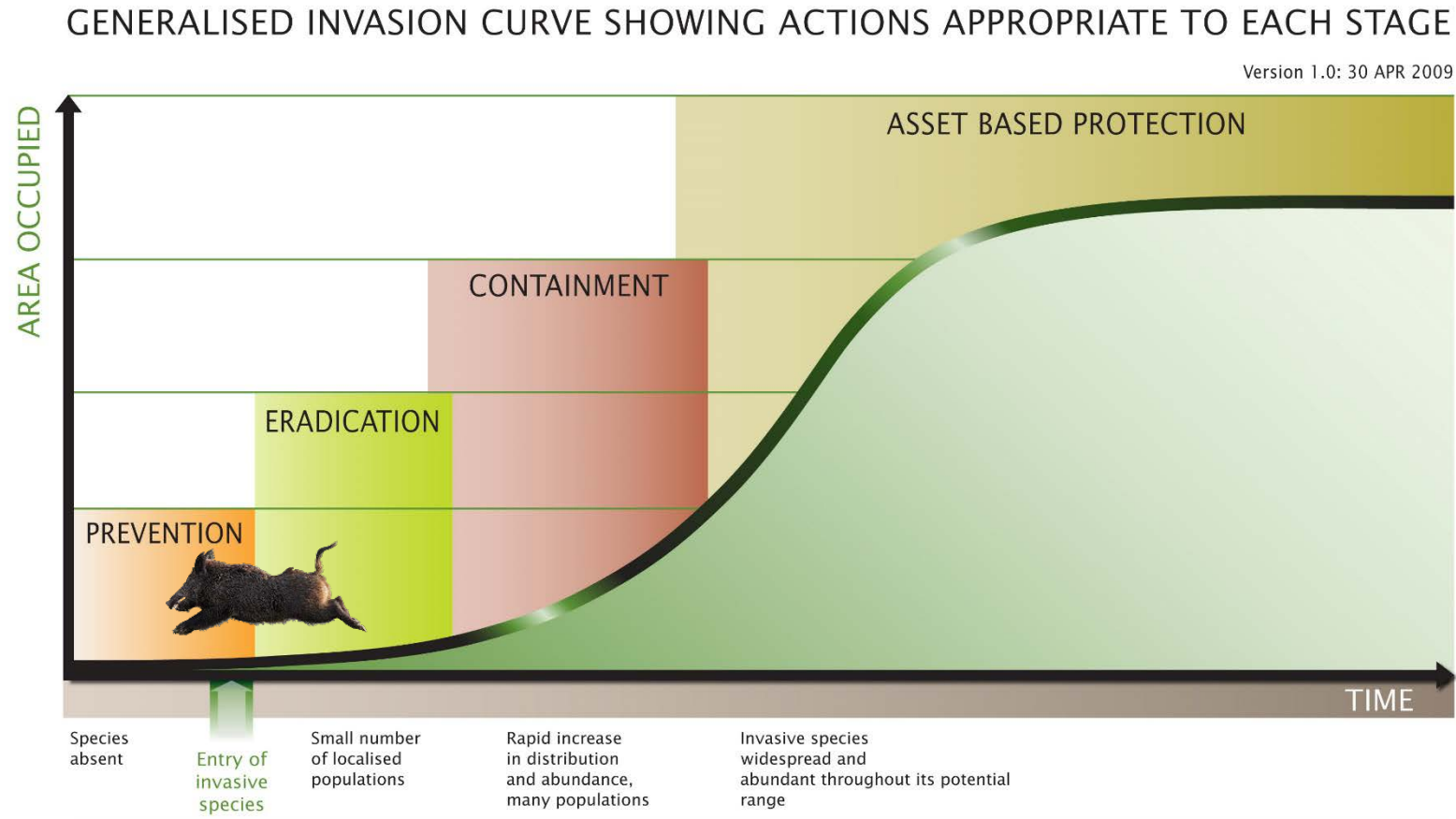
Far

43. Asian carp
44. Emerald ash borer
45. Infectious fish diseases
46. Invasive longhorned beetles
47. Kudzu
48. Onion leaf miner
49. Sirex woodwasp
50. Starry stonewort



Washington Invasive Species Council

Invasion Curve – Feral Swine



Adapted from State of Victoria (Australia) Invasive Plants and Animals Policy Framework

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Work of the Council Snapshot – Feral Swine

Distribution

- Are not established in Washington State.

Council messages: See something! Say something!; Don't Let It Loose; Squeal on Pigs!

Federal Code

- Interstate movement of domestic or feral swine is prohibited without permits (9 CFR 78.30)

State Codes

- *Sus* genus, free-roaming, not domesticated; domestic escapes, releases, or born feral; wild boar/hybrids (16-54-010)
- Prohibited from entering WA (16-54-065)
- Prohibited in WA (16-54-111)
- If found, will be eradicated and disposed of in a humane manner (16-80-060)
- Are deleterious exotic wildlife (232-12-017)



Squeal on Pigs!
Phone Hotline
(WA/OR/ID)

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Work of the Council Snapshot – Feral Swine

Washington State Interagency Feral Swine Response Plan

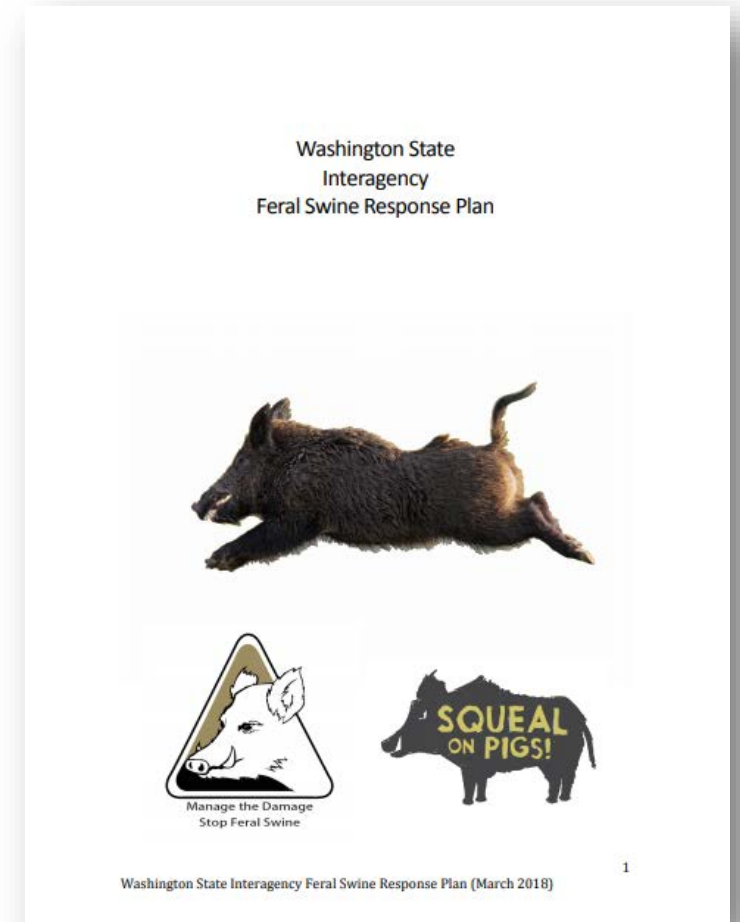


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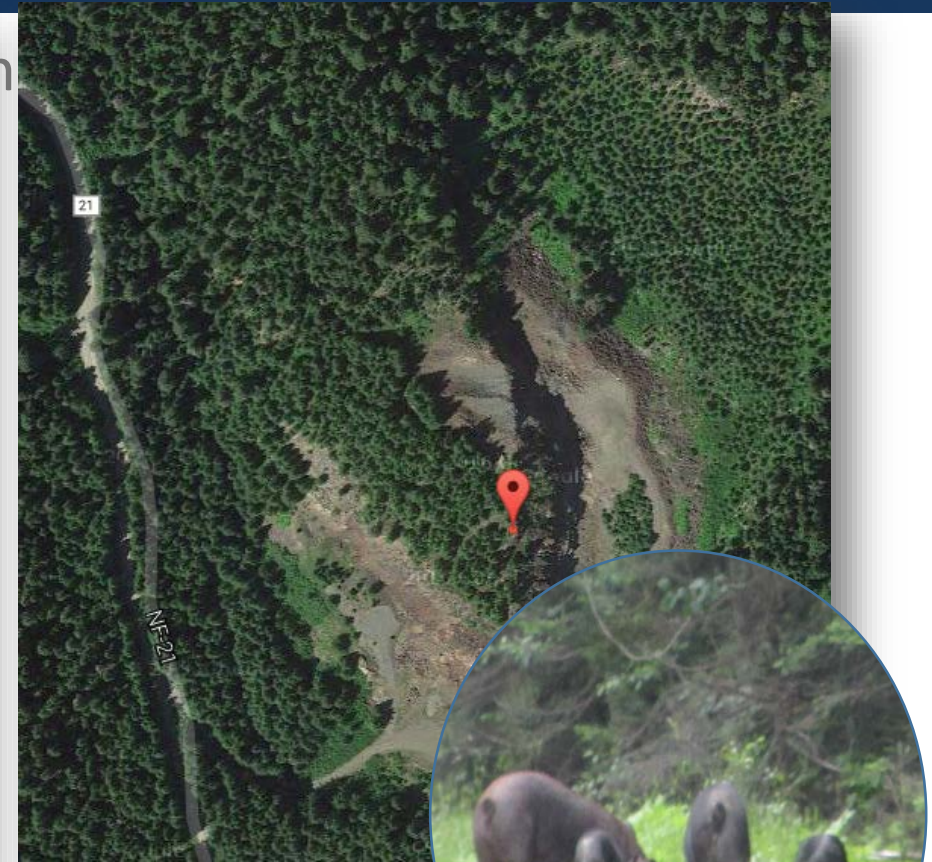
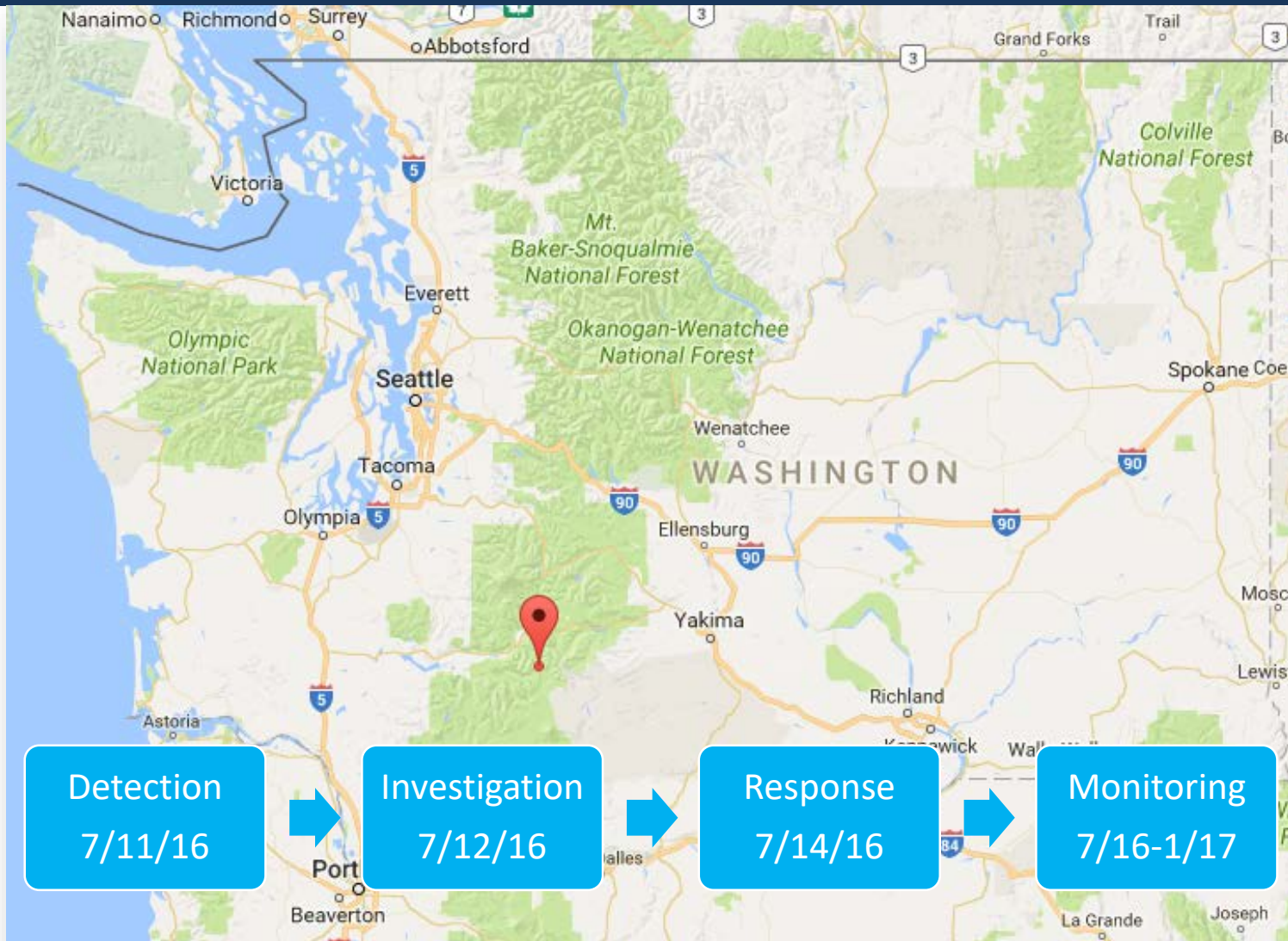
**United States
Department of
Agriculture**

1. Report received
2. Notification of authorities/landowner(s)
3. Verification of presence
4. Determination of distribution
5. Rapid response preparation
6. Rapid response action
7. Preventing spread
8. Response debriefing



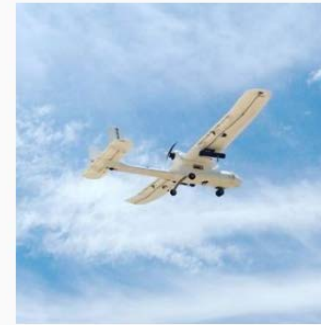
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Work of the Council Snapshot – Feral Swine



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Questions? Thank you!



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