

A large, intricate beaver dam constructed from numerous sticks and branches, situated in a stream. The dam is surrounded by lush green vegetation on the banks. The water is calm, reflecting the sky and the surrounding greenery. The sun is visible in the upper right corner, creating a bright glow and lens flare.

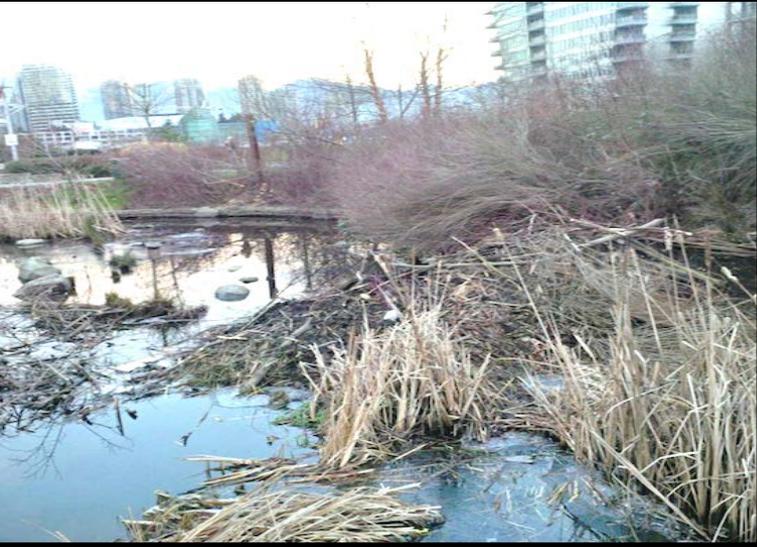
Urban beavers

Ben Dittbrenner

Elyssa Kerr

Beavers Northwest

Urban beavers: How did we get here?

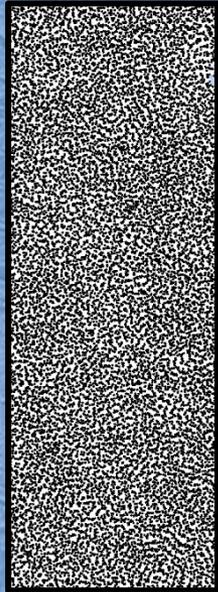


Trapping & population decline



North American
Population

~1550: 400 M

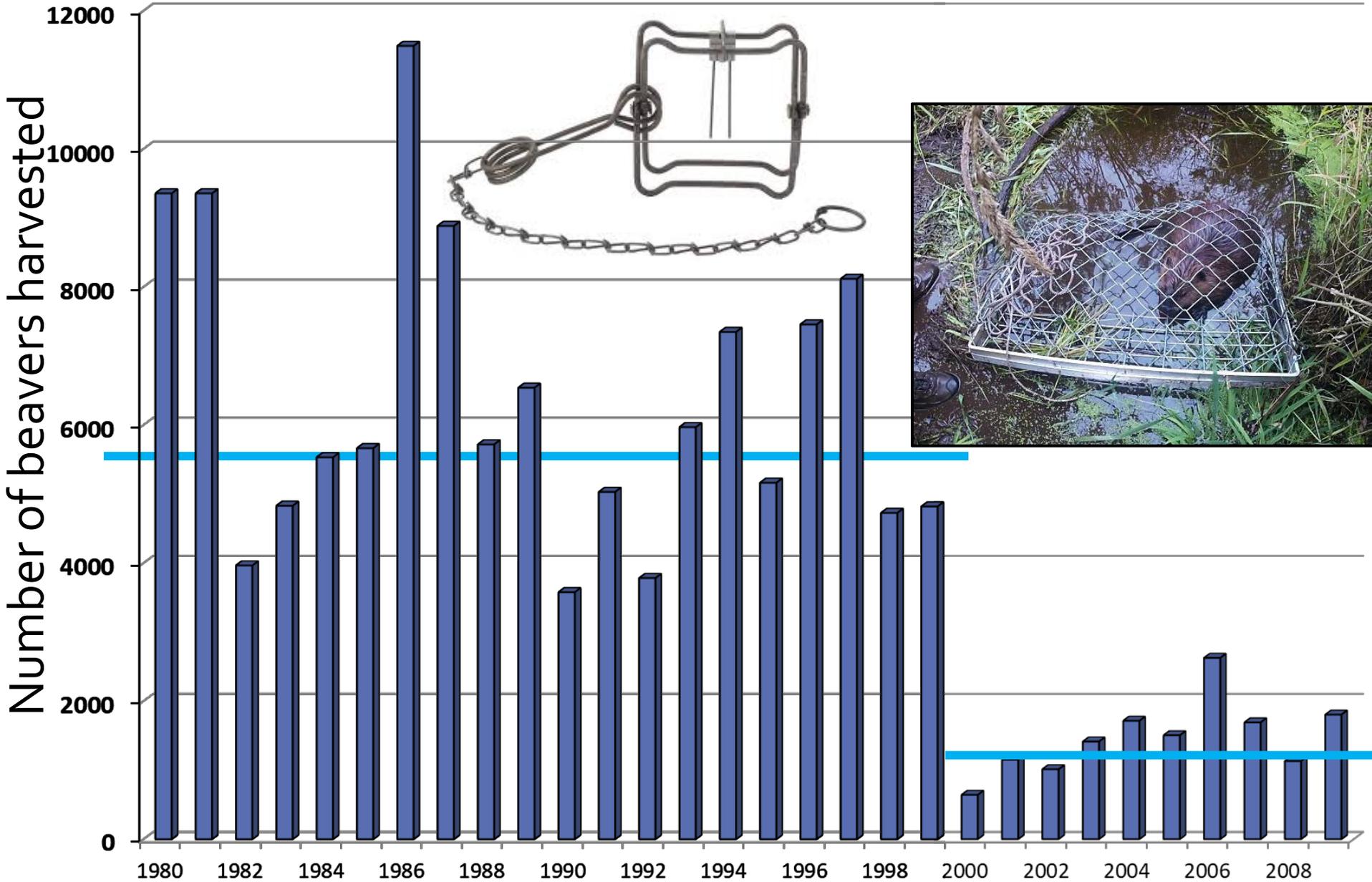


1900: ~ 9 M





Washington state beaver harvest, 1980 – 2009





2003-11-18 10:10:13 PM 10710
IMG_0980

ARK 0



The Bad: Beaver Conflicts

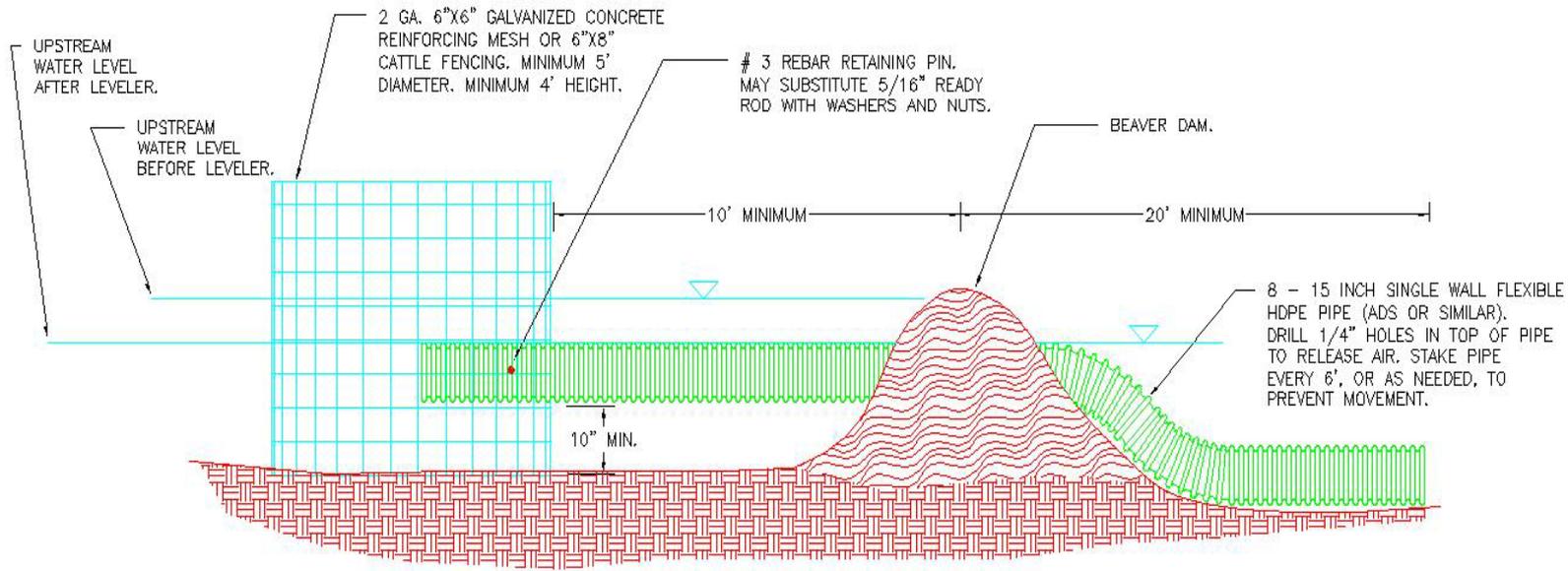


The Good:

- Habitat
- Biodiversity
- Ecosystem services
- Climate adaptation



Nonlethal management



FLEXIBLE LEVELER

ADAPTE
DRAWN
DATE:
CONTA

FLEXIBLE LEVELER
HOMISH COUNTY PUBLIC WORKS



Cost savings of nonlethal management

Beaver management costs, Virginia DOT

Beaver Management Costs/Yr.	Before Flow Devies	With Flow Devices
Beaver management	\$155,869.00	\$44,526.00
Beaver damage repair	\$145,000.00	\$0.00
Total costs	\$300,869.00	\$44,526.00
Potential resources saved*	\$71,639.00	\$71,639.00
Total resources saved	\$116,165.00	\$372,508.00
Total resources saved/ Total costs	\$0.39	\$8.37

FROM:

Boyles, S. L., and B. A. Savitzky. 2006. An Analysis of the Efficacy and Comparative Costs of Using Flow Devices to Resolve Conflicts with North American Beavers Along Roadways in the Coastal Plain of Virginia. Page 23rd Vertebrate Pest Conference.

Beavers Northwest

BEAVER CONSERVATION & EDUCATION

SHARING INFORMATION
HELPING LANDOWNERS
IMPROVING WATERSHEDS



HOME

CONFLICT
RESOLUTION

CONSERVATION

EDUCATION

WHO WE ARE

IN THE MEDIA

beaversnw.org



OUR MISSION

To advocate for the many benefits beavers provide through research, outreach, and landowner assistance.

Technical Advice

We specialize in providing technical advice to property owners who are experiencing beaver conflicts.

[READ MORE >](#)

Non-Lethal Management

We provide low cost non-lethal services that reduce property flooding without trapping or killing beavers

[READ MORE >](#)

Education & Conservation

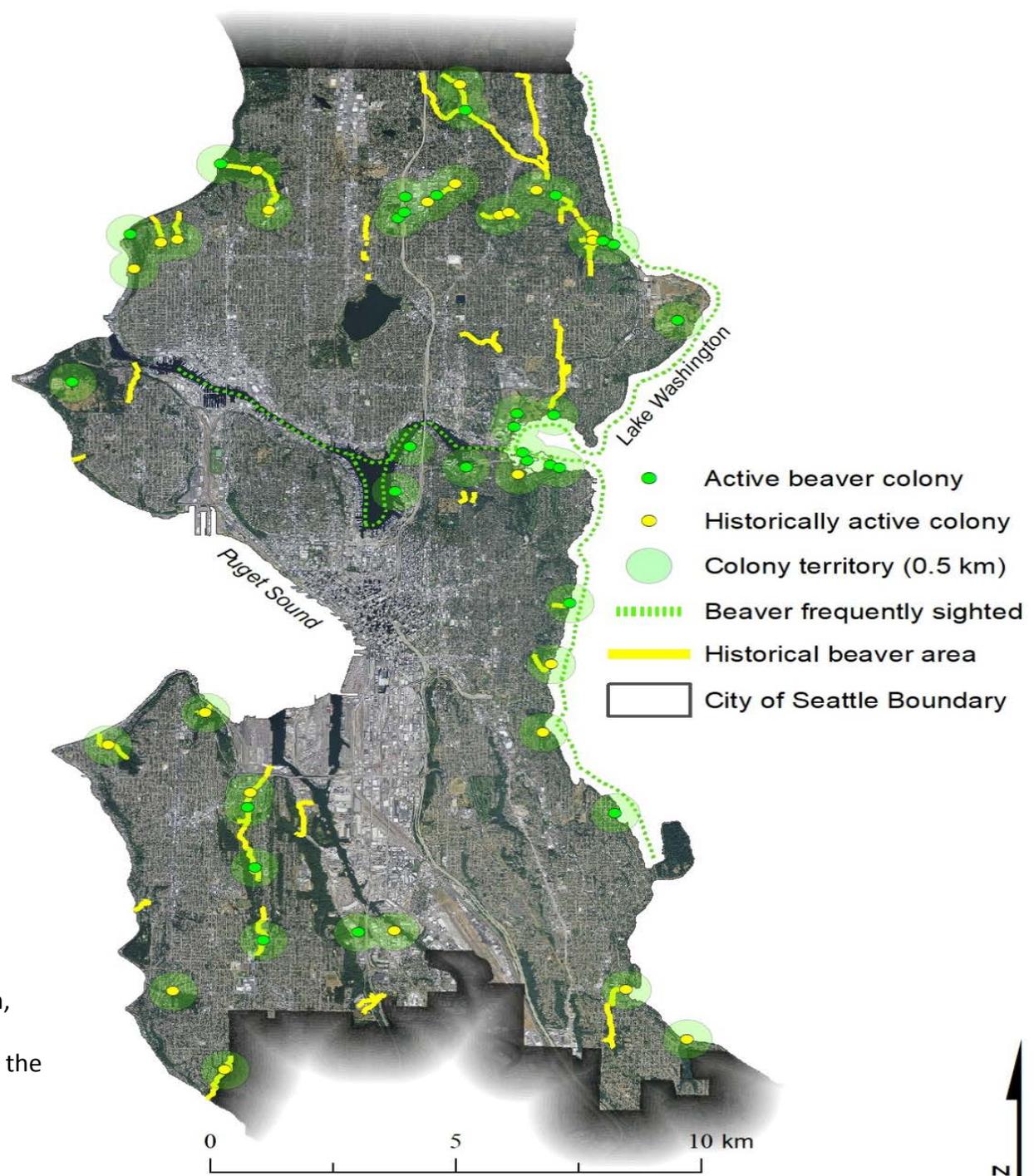
We provide educational opportunities to college students and new graduates to launch them into successful careers.

[READ MORE >](#)

Increasing urban presence



Urban beavers in Seattle



Bailey, D.R., Dittbrenner, B.J. and Yocom, K.P., 2019. Reintegrating the North American beaver (*Castor canadensis*) in the urban landscape. *WIREs Water*, 6(1), p.e1323.

Parks & urban green spaces

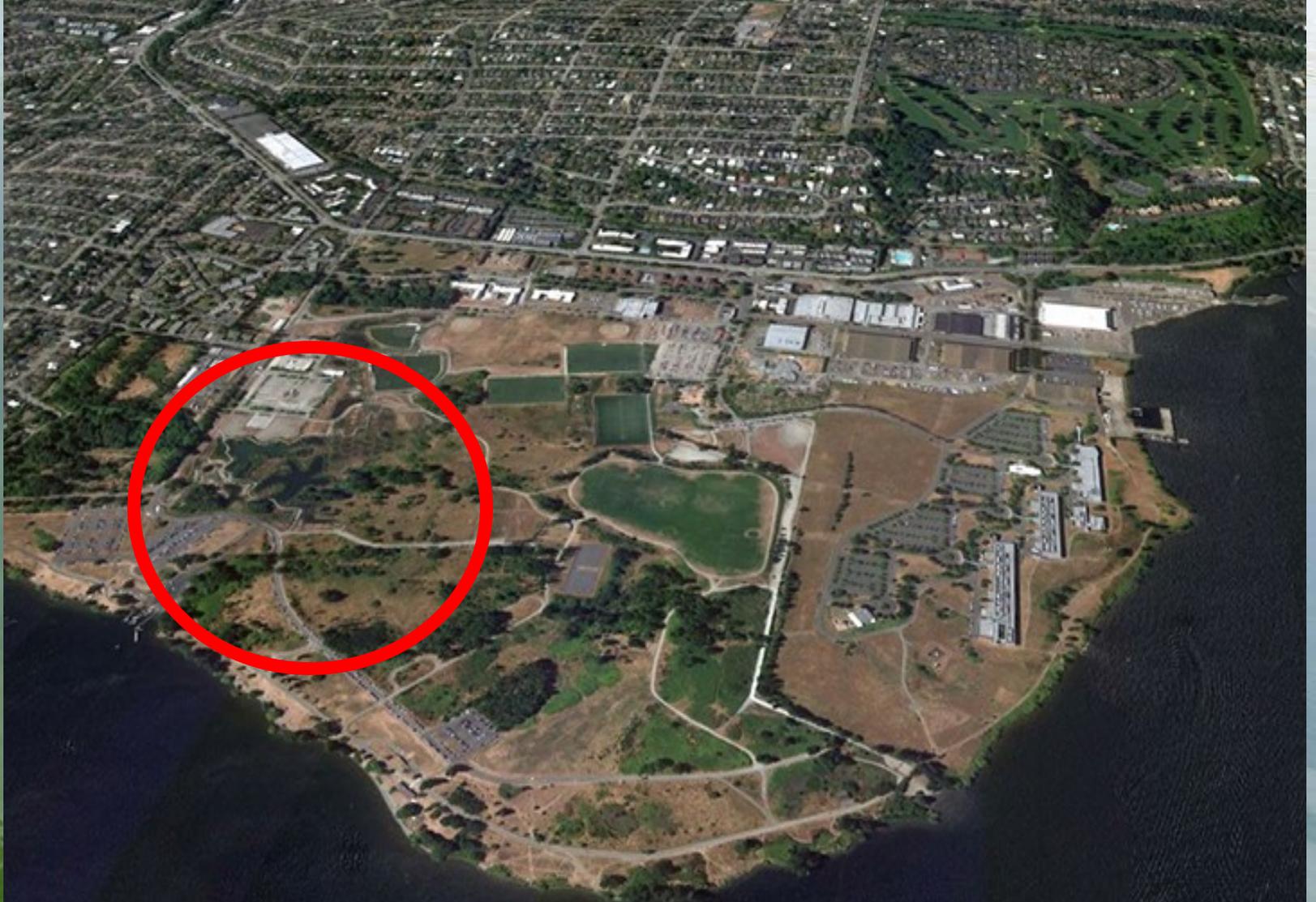




Magnuson Park: A Case Study



1953
Magnuson Naval Air Base



2011
Post Phase 1 Restoration

2005



2012



2013 Restoration Complete, Beaver Activity Begins!

To Lake
Washington



Beaver Activity Begins!



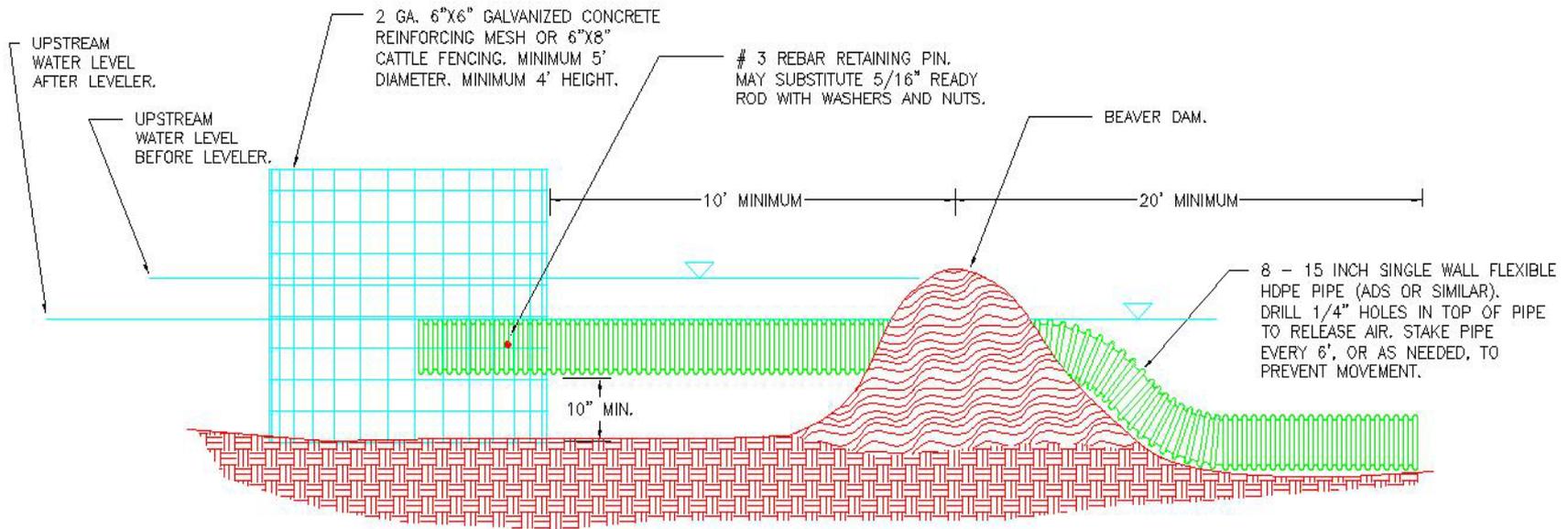
Beaver Activity Begins!



DECISION TIME!



In-Place Management: Pond Leveler



FLEXIBLE LEVELER

SIDE VIEW - NTS

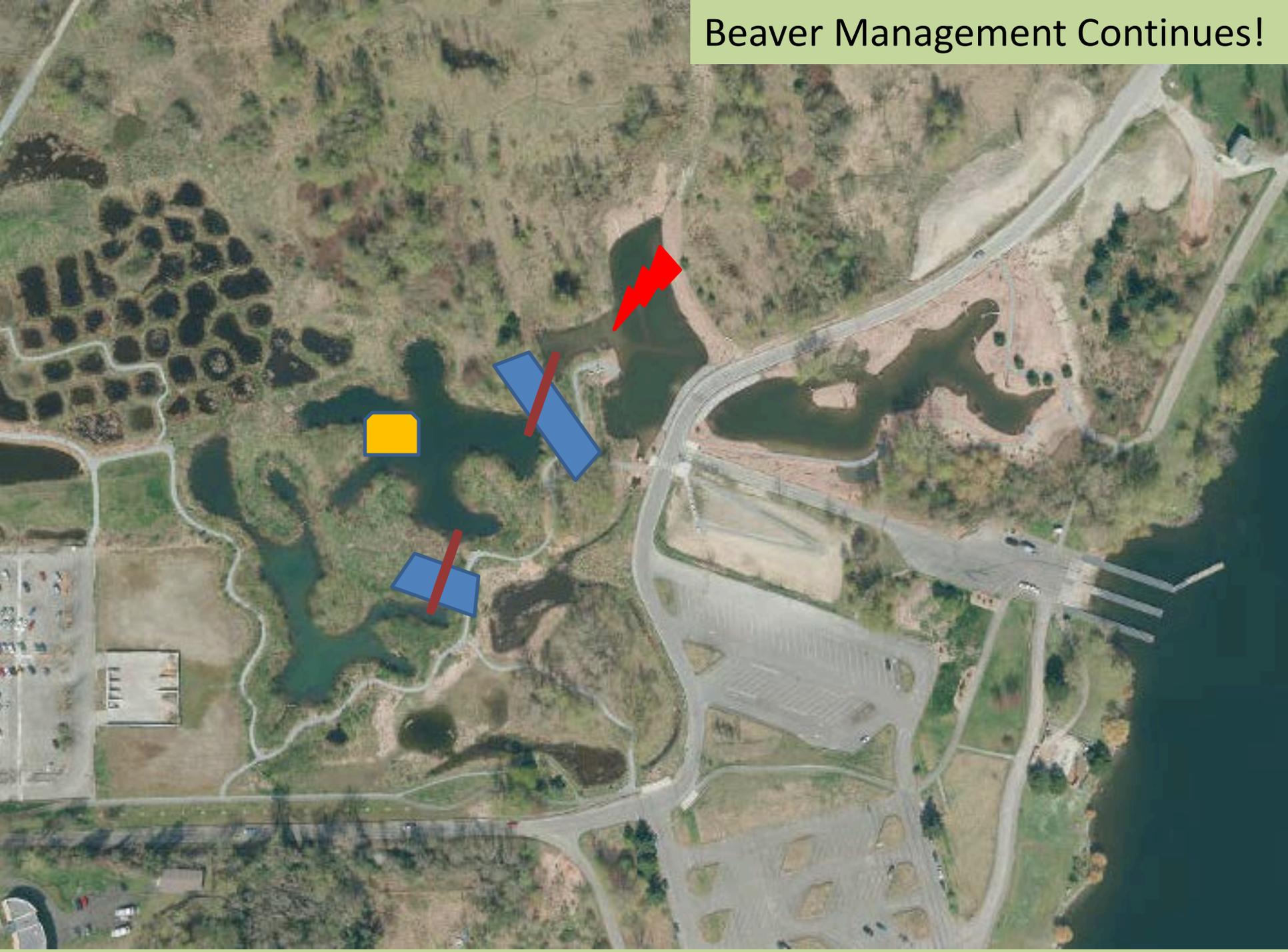
In-Place Management: Pond Leveler



Beaver Management Success!



Beaver Management Continues!



Beaver Management Options: Exclusion Devices



Beaver Management Continues!



2005



2012







Beaver Management is Adaptive Management!





December 2018
Installation



May 2019
Low pond levels





Beaver Management is Adaptive Management!





Seattle Beaver Map

Beavers Northwest

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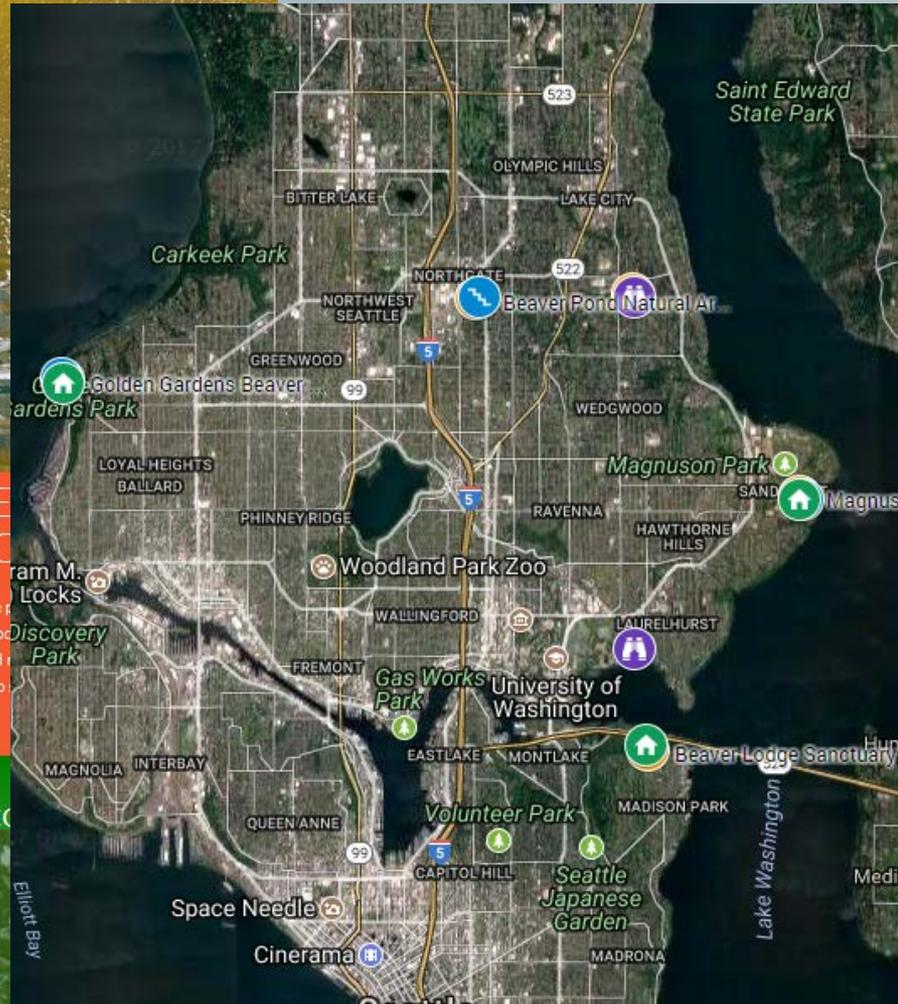
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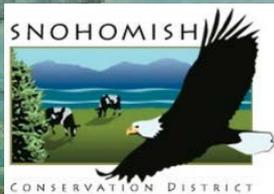
LAND OWNER QUESTIONS

CC

Thank You! Questions?

Check out our website!
www.beaversnw.org

Like us on Facebook!
<https://www.facebook.com/BeaversNW>



Lars C. Nelson Photography



Questions?

NORTHWEST PROFILE # 122



VINE MAPLE EATER