

Resource Program 2014/15 Progress Report

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October 21, 2015



PDX COMMUNITY ADVISORY COMMITTEE

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Overview

- Program Background
- Government Island Grassland Mitigation Progress Report
- 2014 - 2017 Slough Enhancement & Tree Canopy Project Status
- 2014 Slough Enhancement Recommendations
 - Outreach & Collaboration
 - Evolving Project List
 - Selection Criteria
 - Project Recommendation
 - Discussion
 - CAC Voting: Do you support the 2016-17 Columbia Slough Enhancement Project Recommendations?

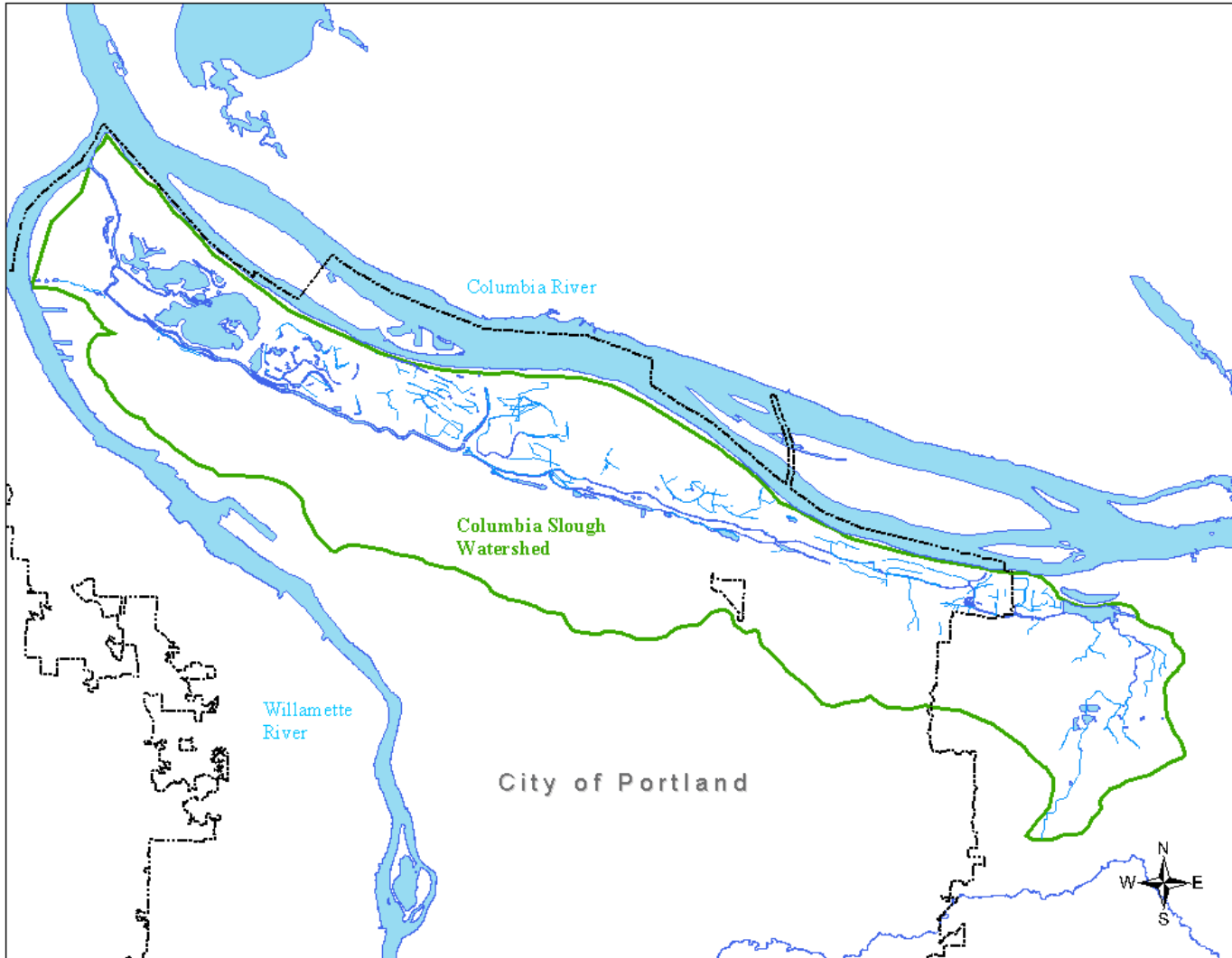


Airport Futures Natural Resources IGA

- Phased mitigation of 300 acres on Government Island
- Enhancements to the Columbia Slough watershed
- Enhancements to the urban tree canopy in Columbia Slough watershed
- Enhancements to PIC Wetland



The Columbia Slough Watershed



Government Island Annual Progress Report

Overview

- Project Background and Need
- 2014 Annual Report
- Adaptive Management



Port Mitigation for Upland Grassland and Habitat





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Government Island – Progress To Date

- Draft Planning Document Complete – September 2011
- Site Specific Mitigation Plan (first 50 acres) – June 2012
- On-site work – began Spring 2012
- 2012, 2013, and 2014 Annual Report
- 2015 Fall Planting



2015 Activity

- Additional year of site prep
 - Manage continued abundance of non-native grasses
 - Breakdown thatch
- Coordination/Seeding September 15-25, 2015
 - Planting, method and logistics
- Monitoring
- Adaptive Management



Site Prep Complete





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Enhancements to Columbia Slough Watershed

- \$30,000 per year, 25 years
- Slough Enhancement
- 2014/2015 Project – Combined Turtle Habitat Enhancement Project
 - Multi-year project recommended by PDX CAC
 - Multiple project partners
 - Goals: Improve wildlife habitat and water quality through invasive species removal, native plantings, placement of large woody material, monitoring, education and outreach.
 - Total Estimated Cost: \$60,000 (\$54,000)
 - Other Funding: \$7,000

Proposed Turtle Habitat Enhancement Project Locations



Combined Turtle Habitat Enhancement Project Progress

- Buffalo Slough enhancement
 - Basking structure for turtles
 - Place root wads and large wood in the Buffalo Slough
 - Improve access and upland nesting
 - Remove yellow flag iris



Combined Turtle Habitat Enhancement Project Progress

- Required Permits – Fall 2015
 - US Army Corps (Complete)
 - Oregon Department of State Lands
 - City of Portland
- Implementation - Summer of 2016
- Columbia Slough Watershed Council Whitaker Ponds turtle enhancement project is complete.
 - Native plants installed in winter 2014/15



Enhancements to Urban Tree Canopy

- Columbia Slough Watershed
- \$20,000 per year, 25 year investment
- 2014/2015/2016 Project – Friends of Trees
 - Multi-year Neighborhood Tree Plantings
 - Emphasize Impacted Neighborhoods
 - Emphasize Social Equity as new criteria
 - Continued partnership with Columbia Slough Watershed Council for outreach/volunteer coordination
 - Continued partnership with Verde
- Total Commitment: \$83,673



Urban Tree Canopy 2015 Projects

- Columbia Children's Arboretum Revitalization Project
 - January 31, 2015
 - 79 volunteers
 - Partners: Portland Opportunities Industrialization Center, Inc. and Portland Parks and Recreation
 - 320 native trees and shrubs

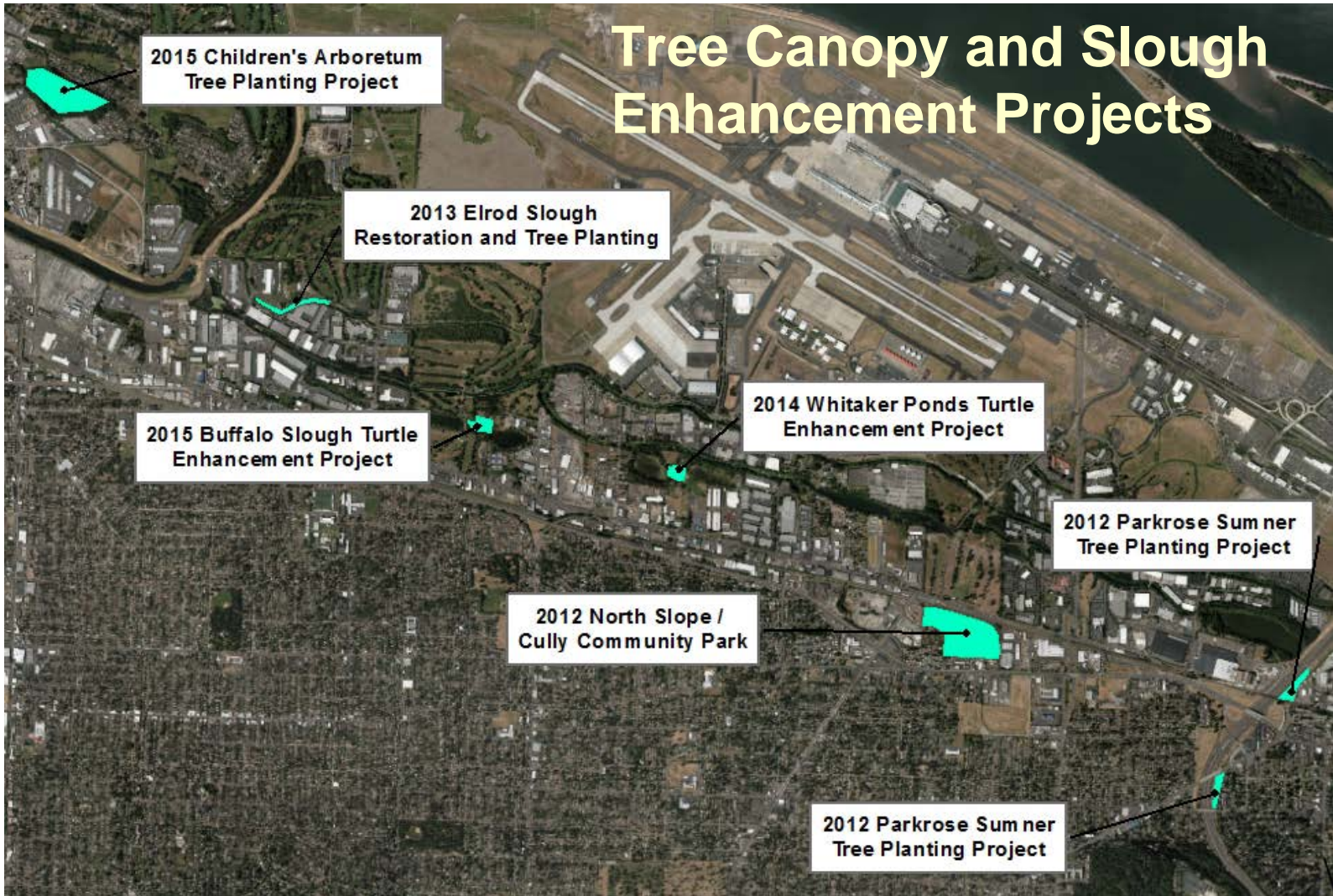


Urban Tree Canopy 2015 Projects

- Neighborhood Tree Planting Projects
 - February 28, March 14 and April 4, 2015
 - Neighborhoods: Argay, Parkrose, Parkrose Heights, Russell, Sumner, Wilkes, Concordia, Vernon, Beaumont-Wilshire, Cully and Roseway
 - 427 volunteers
 - 454 street and yard trees



Tree Canopy and Slough Enhancement Projects



2016-17 Slough Enhancement Recommendation Outreach & Collaboration

- City of Portland - BES
- Columbia Slough Watershed Council
- Multnomah County Drainage District
- PDX CAC
 - Jane VanDyke, Columbia Slough Watershed Council
 - Tony DeFalco, Environmental Justice
 - Micah Meskel, Environmental/Wildlife/Natural Resources



PDX CAC Selection Criteria

- Contribution to water quality and hydrologic improvement or habitat enhancement
- Community impact
- Social Equity (i.e. underserved youth, Minority, Women and Emerging Small Business Participation)
- Consistency with other plans and regulatory requirements
- Accomplishes multiple objectives (multiple partners)
- Match/leverage other resources
- Long-term commitment to maintenance and monitoring
- Airport compatibility (wildlife/Part 77)

Enhancements to Columbia Slough Watershed

- \$30,000 per year, 25 years
- Habitat Enhancement
- 2016/2017 Projects – Better Beaver Behavior
 - Multi-year project
 - Unanimous sub-committee recommendation
 - Goals: Protect key riparian trees from beaver predation, contributes to habitat and water quality improvement
 - Columbia Slough Watershed Council Action Plan Project
 - Airport Futures Funding: \$19,618
 - Other Funding: \$10,640
 - Total Project Cost: \$30,258



Previous Sites

Site	Ownership
NE 47 th and Cornfoot	Port of Portland
NE 105 th and NE Marx	
Costco on NE 138 th	Costco Wholesale Corp
Pacific Power and Lighting	Pacific Power and Lighting
Whitaker Ponds	Portland Parks and Recreation
Slough trail b/w NE 92 nd and NE 105 th	Port of Portland
BES easement at NE 66 th along Whitaker Slough	Bureau of Environmental Services
Heron Lakes Golf Course	Portland Parks and Recreation

Proposed Sites

Site	Ownership
City Slough Banks between NE 33 rd and NE 21 st	unknown
PIR Vanport wetlands	Port
East of NE 82 nd	Unknown
Alderwood near NE 92 nd	Port of Portland
B/w NE 92 nd and Glass Plant Rd	Owens-Brockway Glass Containers Inc
Trail along Elrod Dr	Watumull Properties (FOT/MCDD)



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Enhancements to Columbia Slough Watershed

- \$30,000 per year, 25 years
- Habitat Enhancement
- 2016/2017 Projects – Slough Benches
 - Multi-year project
 - Unanimous sub-committee recommendation
 - Goals: Wildlife habitat, water quality, reduced bank erosion and increased storm water retention and filtration
 - Columbia Slough Watershed Council Action Plan Project
 - Airport Futures Funding: \$26,745
 - Other Funding: \$11,040
 - Total Project Cost: \$37,785

Main Channel - Wetland Benches

- **Columbia Slough Corps of Engineers 1135 Restoration Project**
 - “Dredge material was placed along opposite sides of the channel to create wetland benches and a meandering low water channel. The benches were planted to provide emergent wetland and riparian scrub-shrub wetland vegetation. Little emergent marsh habitat is currently available along the main slough, primarily due to the steep banks and narrow channel along most of the project area.”



Discussion Question:

Do you support the Natural Resource Program recommendation of the ad hoc committee?



PDX CAC Action

CAC Voting: Do you support the Natural Resource Program recommendations of the ad hoc committee?

- “1” Indicates full support for the proposal as stated.
- “2” Indicates agreement with the proposal as stated, but would prefer some modification to give it full support. Nevertheless, the member supports the consensus even if the modification is not supported by the group.
- “3” Indicates refusal to support the proposal as stated.