Long Tom Watershed Council
“Action through Understanding: Incentivizing Voluntary GSI”

Sarah Whitney, RLA, CESCL
Urban Green Infrastructure Summit, 2018
The Long Tom Watershed

The Long Tom River enters the Willamette River north of Monroe

~440 square miles

Land use mix

- forestry (~40%)
- agriculture (~40%)
- rural residential (10%)
- urban (10%)

Population 150,000+

Over 90% of the land is privately owned

Newly including Willamette & greater Metro service areas
• Gather and share valuable data through a variety of scientific surveys and monitoring projects, including on private lands.

• Educate citizens about our local land, water, and wildlife resources

• Work hand-in-hand with local landowners to improve habitat and streams for fish, wildlife, and people.

• Take care of local habitats and waterways through habitat improvement projects

• Involve talented & enthusiastic citizens as volunteers in all of the above!

• Uniqueness – the constituency includes the full diversity of the community
Amazon Creek added to Pesticide Stewardship Partnership program in 2011
Pesticide Stewardship Partnership Program Model

- Local Expertise
- Robust Data
- Technical Resources
- Voluntary Action
- Measurable Improvements
Amazon PSP Sampling Sites
A-1 Channel At Awbrey

Amazon at Bond

A-1 at Awbrey
Total Number of Detections in the Amazon Basin

Year:
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017

Total Number of Detections:
- 2012: 350
- 2013: 400
- 2014: 350
- 2015: 275
- 2016: 300
- 2017: 300
City of Eugene Monitoring Data
City of Eugene

- Nearly 20 years of sampling data
- Trends show city stormwater program is working
- More improvement is needed
  - State standards still exceeded
  - Zinc still trending up
- Voluntary stormwater retrofits on developed lands can help further improve water quality
LTWC Urban Waters & Wildlife Program

- Amazon Creek Pesticide Stewardship Partnership
- Trout Friendly Landscapes
- Salmon Safe Certification Local Representative
- Employee Stewardship Groups
- Latino Pesticide Safety Outreach

Work happens primarily on private lands
All work is strictly voluntary, not required by regulatory action
Trout Friendly Landscapes

- Commercial & industrial water quality improvements
  - Alter landscape & operation practices
    - Increase stormwater management
    - Reduce pesticide, fertilizer & water use
    - Increase tree cover & native plantings
    - Improve soil health
    - Reduce impervious surface and lawn areas
    - Maintain a clean site
  - Work happens primarily on private lands
  - All work is strictly voluntary, not required by regulatory action
City/Council Partnership

- Provide financial match to private investment ($50,000 pilot project funds)
- Technical and permitting assistance
- Team coordination between Stormwater, Engineering, Erosion, Planning, and Parks
- Evaluate projects for potential stormwater user fee credits
- Review program updates – Stormwater Policy Team
Trout Friendly Landscape Process

- Outreach
- Site Assessment Visit
- Feasibility Study
  - Meet with permitting agency for regulatory framework
  - Opportunities and constraints assessment
  - Phasing recommendations
  - Written & illustrative recommendations
  - Resources
- Present to Business Decision Makers
- Design Development
- Construction Documents
- Contractor Selection Assistance
- Construction Oversight
- Maintenance training and assessment for 5+ years post construction
- Reimbursement
- Marketing
## Installed Voluntary Stormwater Retrofits

**21 projects in 5 years**

<table>
<thead>
<tr>
<th>Company</th>
<th>Projects</th>
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<tbody>
<tr>
<td>Davis Properties</td>
<td>3</td>
</tr>
<tr>
<td>Thermo Fisher</td>
<td>4</td>
</tr>
<tr>
<td>Gibson Steel Basins</td>
<td>3</td>
</tr>
<tr>
<td>Joe’s Garage</td>
<td>2</td>
</tr>
<tr>
<td>OSU Extension Service</td>
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<tr>
<td>Essex General Construction</td>
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<tr>
<td>Mountain Rose Herbs</td>
<td>3</td>
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<tr>
<td>QSL</td>
<td>2</td>
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<tr>
<td>Seneca Saw Mill</td>
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<td>HIV Alliance</td>
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Projects Actively in Process

- Seneca Saw Mill Phase II
- Rexius
- 2fORM Architecture
- SeQuential Biofuels (18th Street)
- Lane Forest Products
- Ridgeline Montessori
- First Christian Church
- Willamette Christian Center
- New Mountain Rose Herbs Site
- Eugene Friends Meeting House
- Eugene Waldorf School
- 200+ projects on deck
Recent Program Developments

- Focus on Drinking water impact areas
- Development of Project Prioritization Matrix
- Shading from Private Lands Pilot Program
- Inclusion of all urban areas in LTWC service area + Springfield
- Co-Development of GSI Landscaper Training
Questions?

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