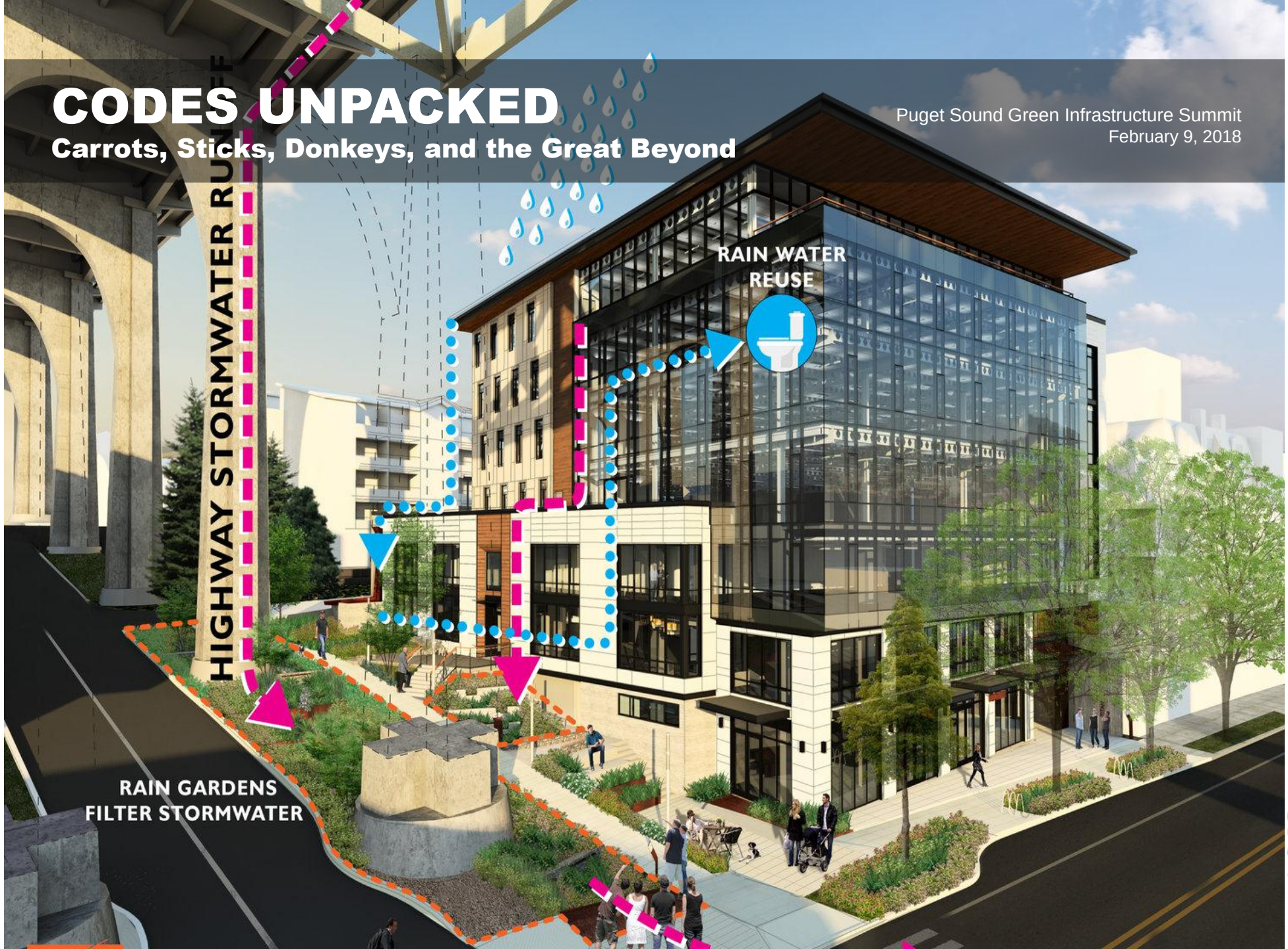
CODES UNPACKED

Carrots, Sticks, Donkeys, and the Great Beyond

Puget Sound Green Infrastructure Summit
February 9, 2018



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Government View

Government

punishment

CODES

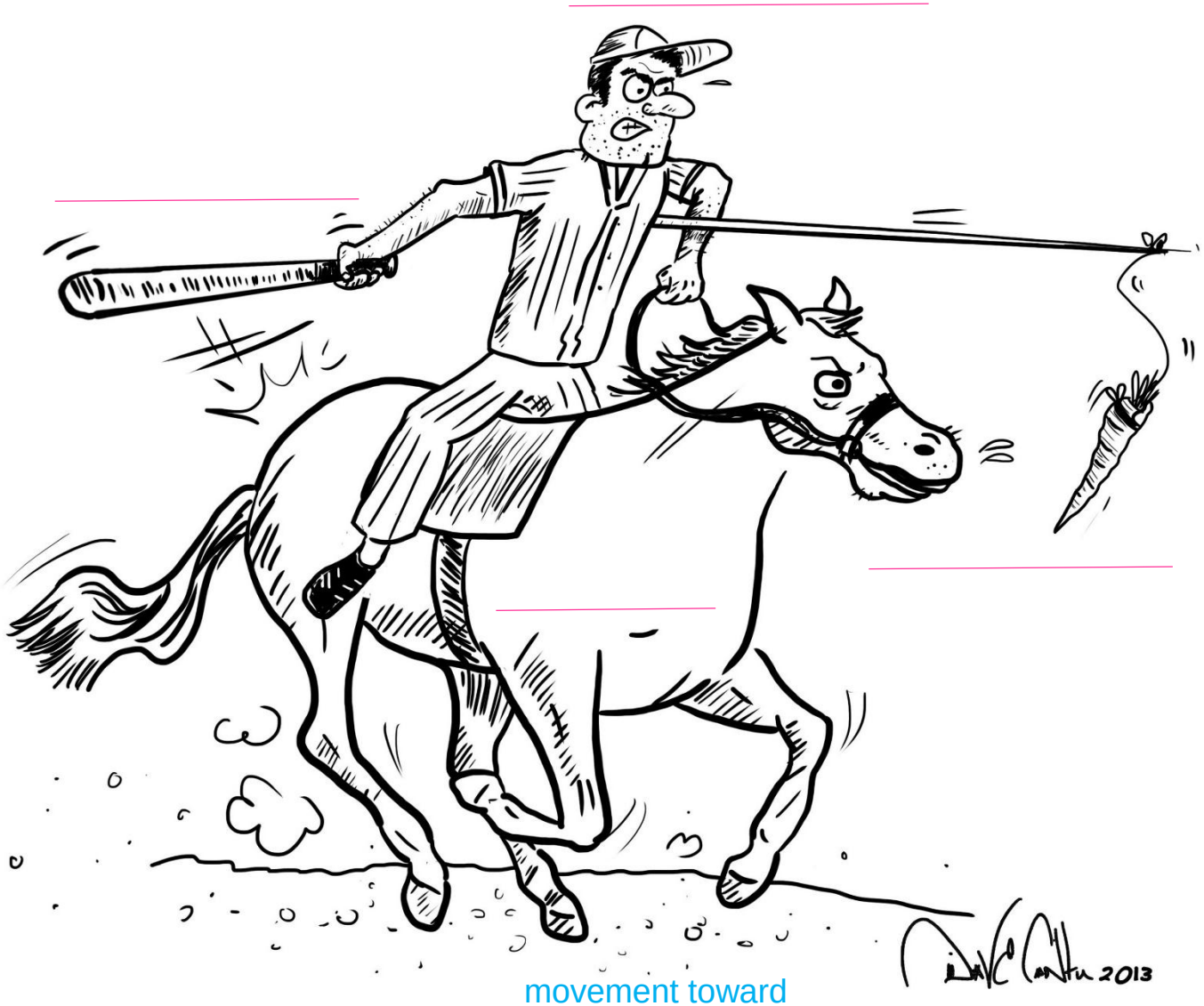
rules of engagement guiding how we collectively shape our communities

reward

movement toward a (future) desired state

Seattle Public Utilities

Developer View?



movement toward
a (future) desired state

imagined/desired
future

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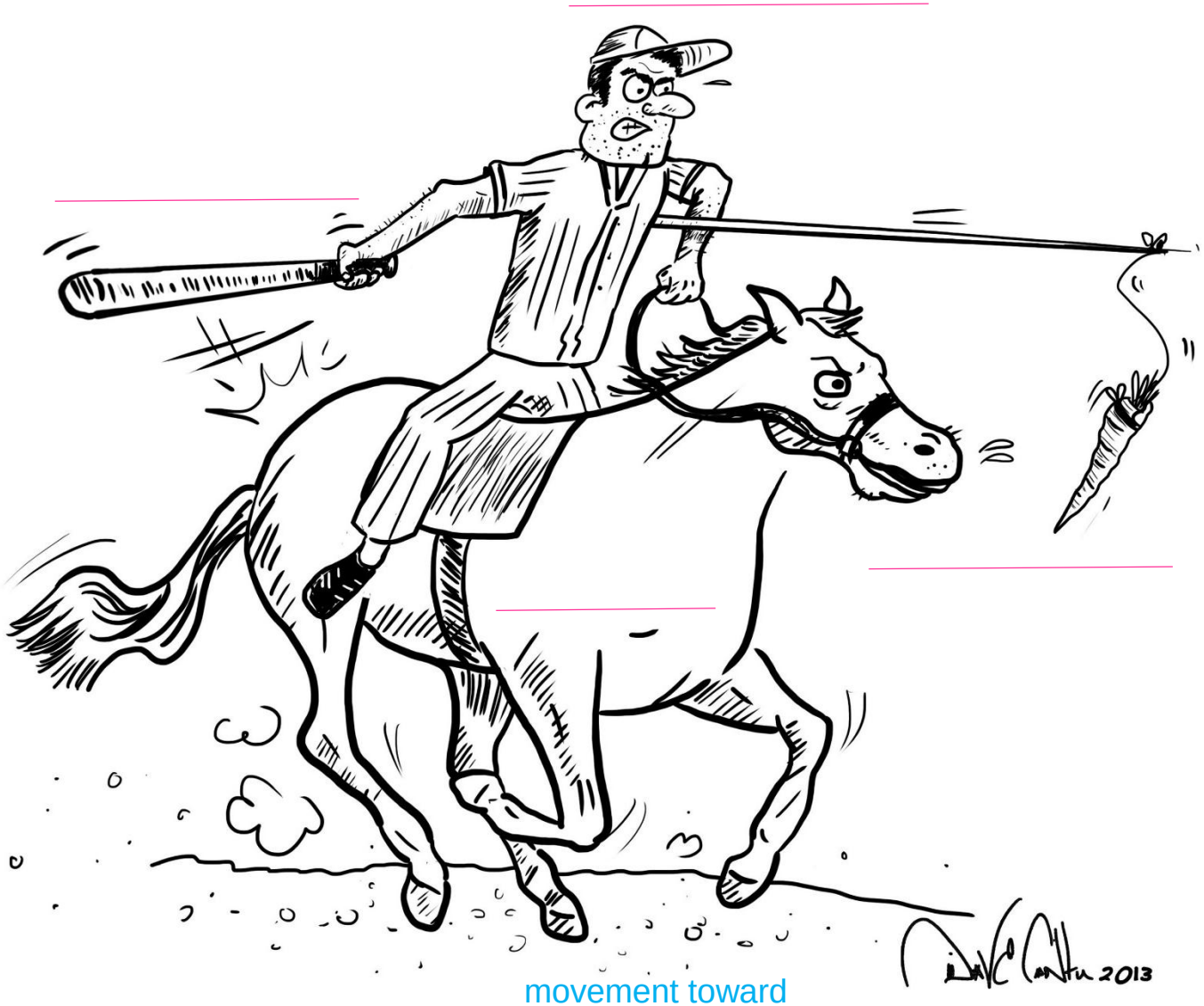
Community View?



movement toward
a (future) desired state

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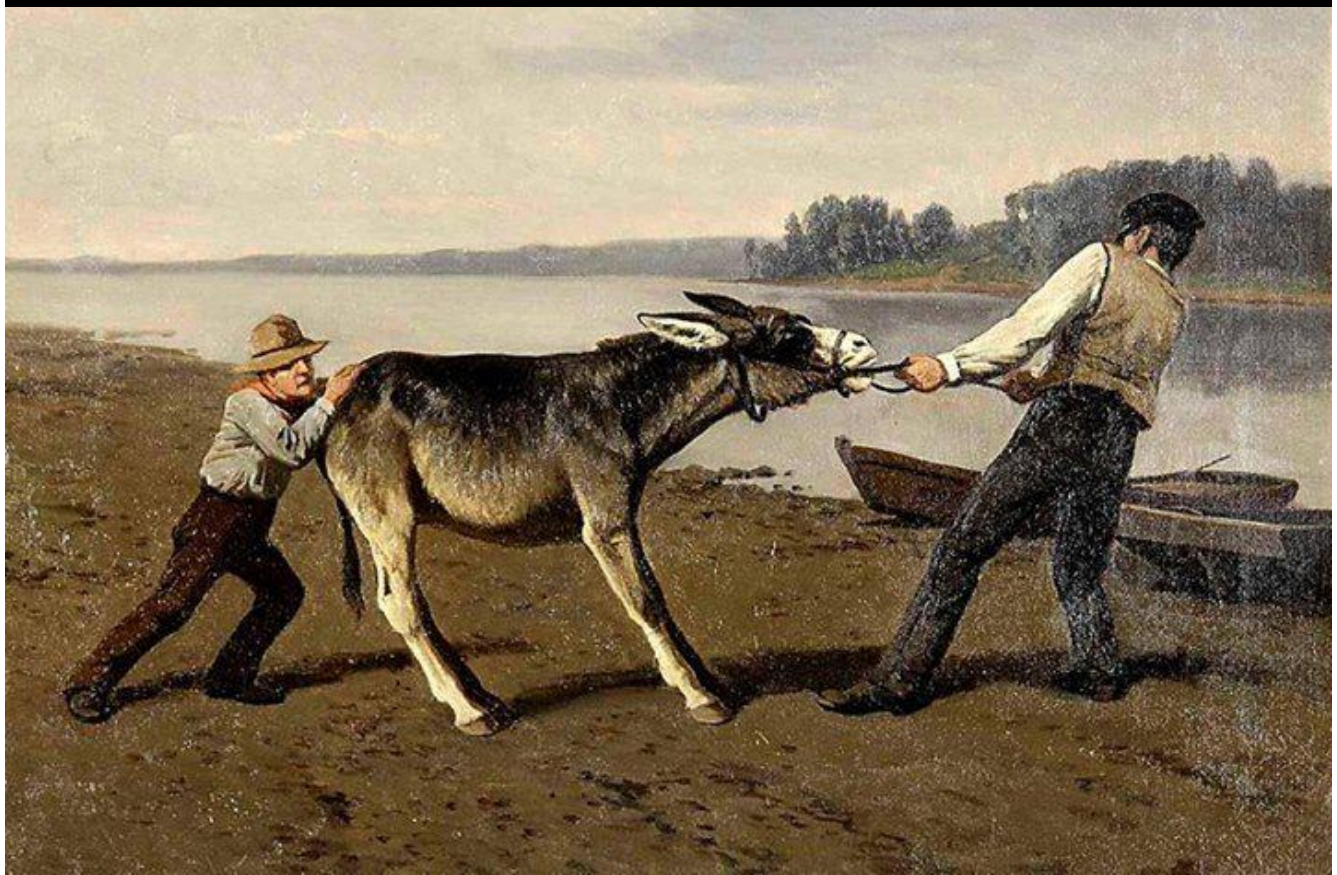
The carrot and the stick approach is pervasive and persuasive.

When we treat People like donkeys, though, they may behave like donkeys.

-John Whitmore



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Carrots…Encouragement

- Rebates
- Fee Reductions
- Grants
- Stacked Incentives
- FAR bonuses

Opportunities for Innovation

- Cost sharing
- Maintenance agreements
- In-kind project contributions
- Policy pilots
- X-jurisdictional collaboration
- Connections to other Codes

Decoder rings/tools

- Standard plans and details
- Project planning tools
- Compliance calculator
- Training
- Office Hours/Front Door

Examples

- Design Case Studies
- Sample MOU's
- Reporting on Collective Success
- Project-scale Business Cases

Sticks…Clear minimums + Removing barriers

- Stormwater Code
- Land Use Code
- Building Code
- Street Manuals
- Design Manuals
- etc.

collective imagined/desired future

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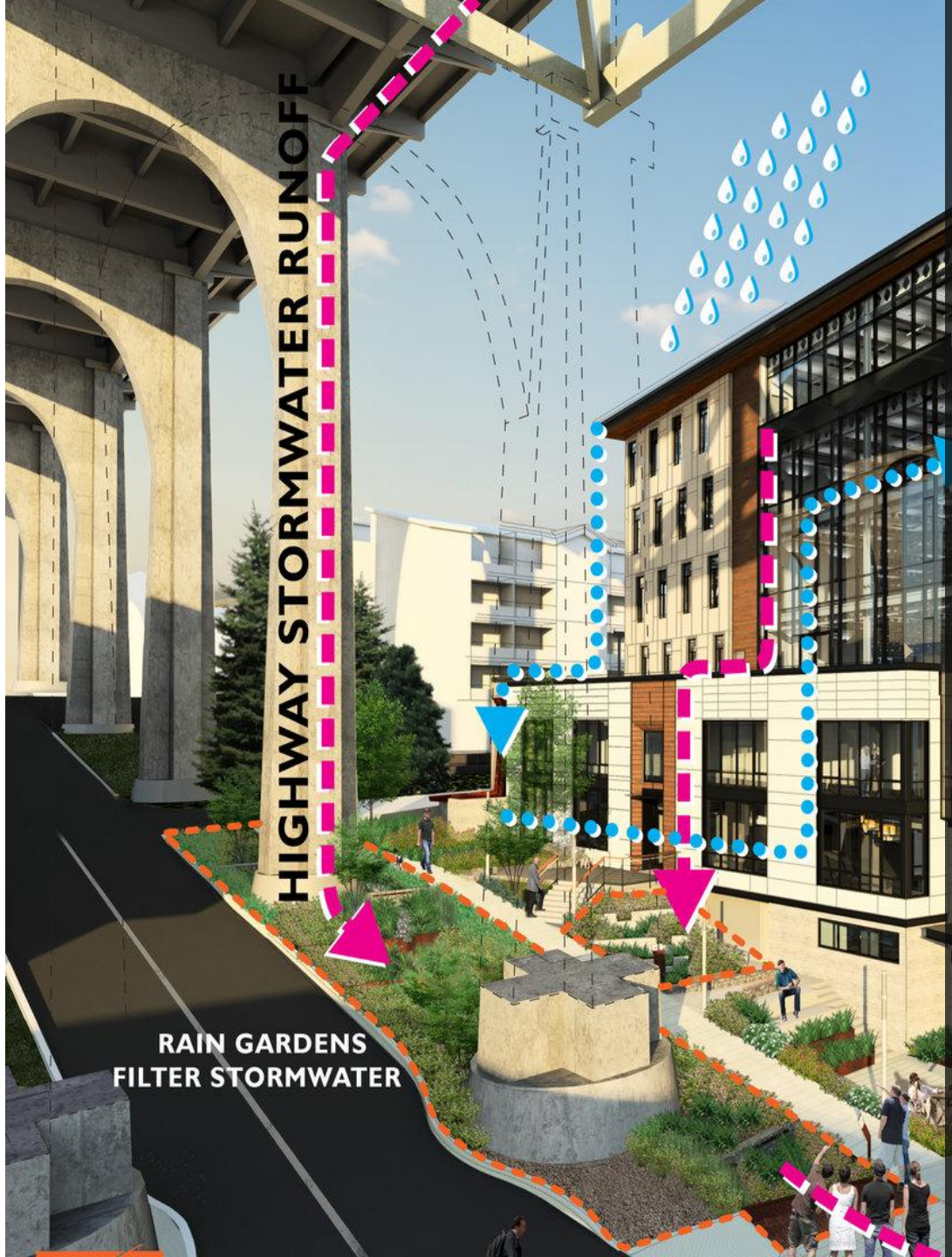

DISCUSSION THEMES

Opportunities for collaborative code development at regional level

Needed training tools or other tools to facilitate implementation of new codes

Ideas or examples for stacked incentives including development incentives

Ideas or examples for aligning Stormwater Code, Land Use Code, other related building codes

Ideas for innovative policy pilots to test where next generation codes could/should be headed

Innovation barriers you are hearing from developers in your communities

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DECODER RINGS

Tools for Stormwater Code Implementation // City of Seattle

www.seattle.gov/dpd/codesrules/codes/stormwater/

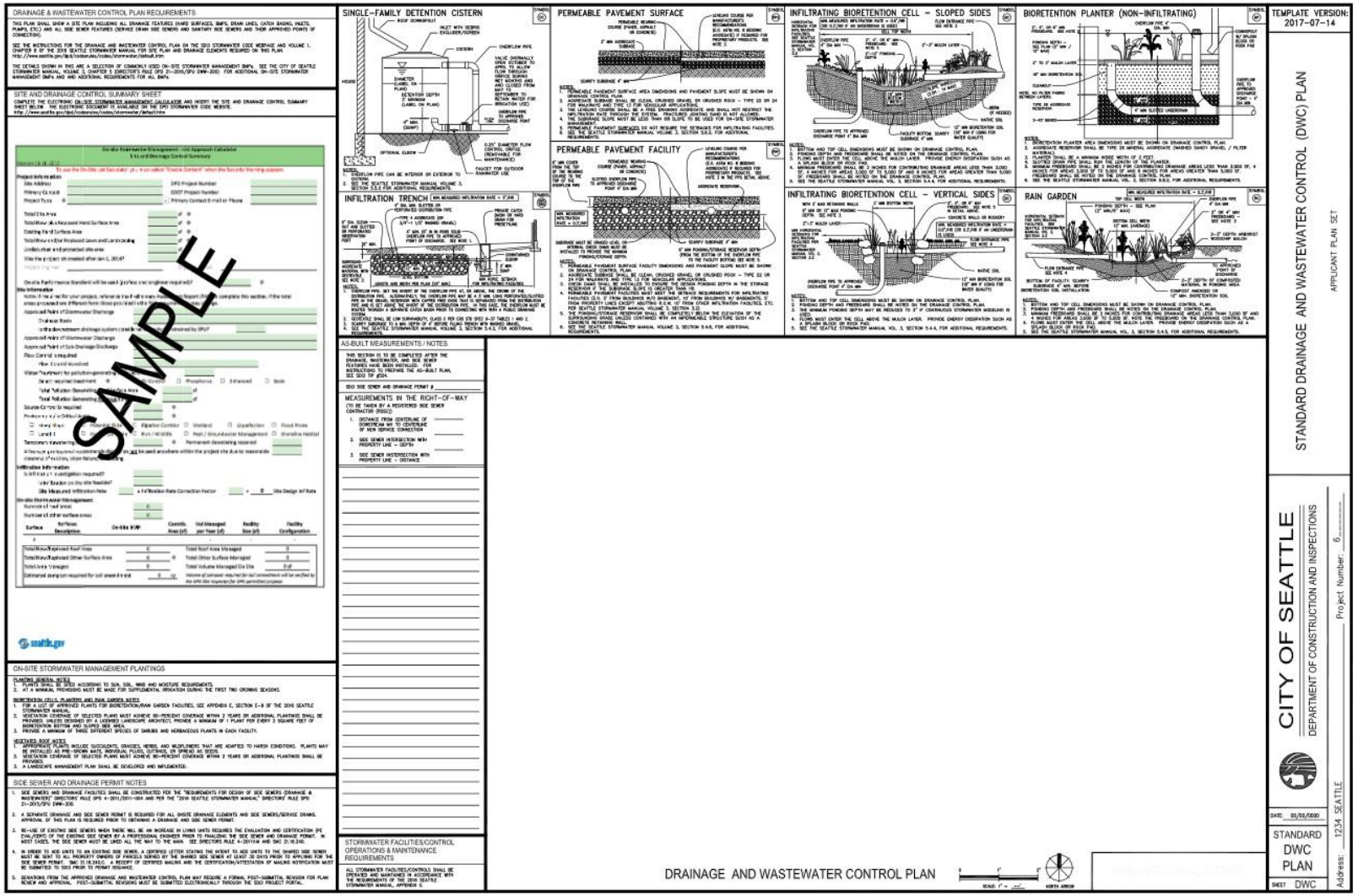
Standard plans and details

Project planning tools

Compliance calculators

Training Office

Hours/Front Door



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www.seattle.gov/dpd/codesrules/codes/stormwater/

Standard plans and details

Project planning tools

Compliance calculators

Training

Office Hours

Introduction

This spreadsheet tool helps users implement the On-site List Approach for projects in the City of Seattle.
Instructions for evaluating, selecting and sizing on-site best management practices (BMPs) are provided below.

Refer to Volume 1, *Volume 3 (Section 3.3 and Chapter 5), and Appendix C of the Seattle Stormwater Manual (Seattle 2015)* for On-sit Stormwater Management requirements, BMP design requirements and infeasibility criteria.

The "Project Summary" and "BMP Sizing/Modeling" tabs can be used to provide documentation for compliance with the On-site List requirement.

How to Use the On-site List Calculator

Project Summary Tab:

A. Fill in the light green cells in the "Project Summary" tab.

Step 1: Determine if Dispersion and Infiltration are Feasible

Refer to *Section 3.1* and *Section 3.2* in Volume 3 of the *Seattle Stormwater Manual (Seattle 2015)*.

Step 2: Calculate Areas by Surface Type

Divide the project area into hard surface areas with distinct drainage pathways and conduct a BMP evaluation for each surface "sub area". Refer to Figure 1 below for an example. Enter roof and non-roof areas and number of areas into "Project Summary" tab and hit Enter. Excel tabs will be generated for each individual surface.
Note: Do not create a surface tab for Permeable Pavement Facilities (PPF). PPFs are the only hard surface that will not have a surface tab. Enter the PPF area on the BMP Sizing tab.

Step 3: Refer to Applicable On-site List(s)

On-site Lists are provided in *Volume 1, Section 5.1* for all project type(s). The applicable on-site BMPs are provided in this calculator in the "Surface" tabs based on information entered in the "Project Summary" tab.

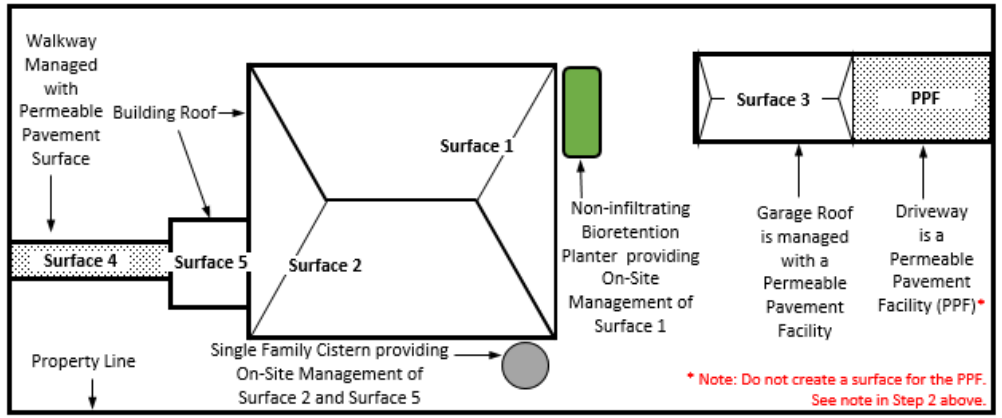

Figure 1. Example Delineation of Hard Surface Areas with Distinct Drainage Pathways for a Parcel or Single Family Project.

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DECODER RINGS

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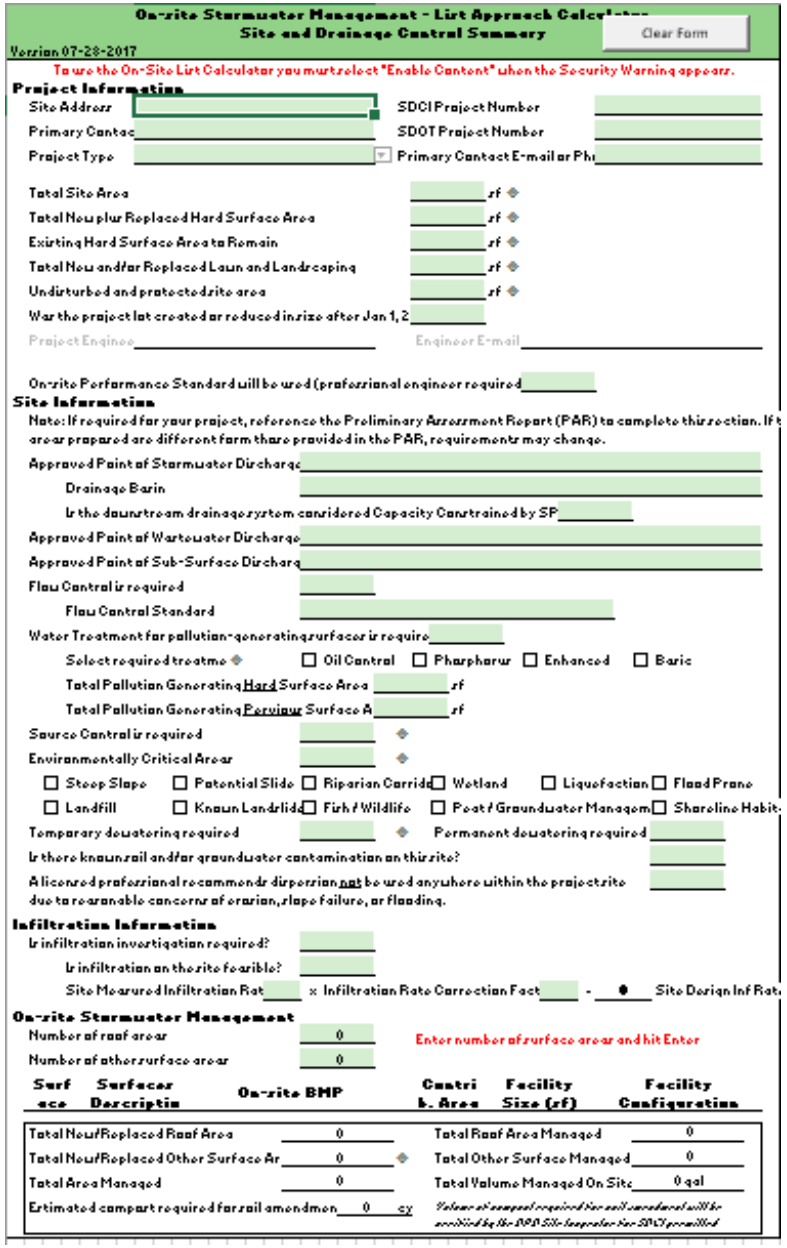

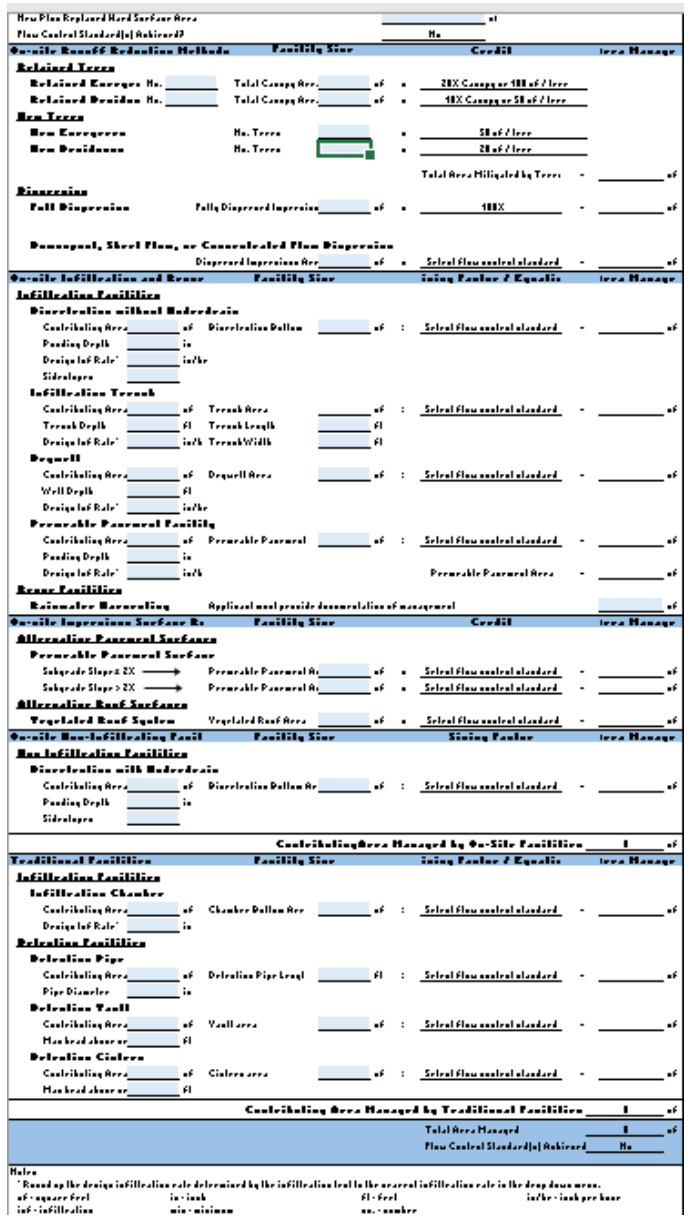

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Regional Code Collaboration (RCC)

The RCC is a forum for jurisdictions across the Puget Sound Region to prioritize mutual sustainable priorities and to share expertise and resources in order to develop codes and policies supporting sustainable building practices

Current Work:

- WA State Code development promoting the use of solar
- 2015 Energy Code Amendments
- Construction and Demolition waste management

Kathleen Petrie
King County
Department of Natural Resources and Parks
Solid Waste Division

RCC 2014 LID Committee Effort

Site Design
- Site design best-practice template
- Standardize specifications for soils, compost, permeable paving, etc.

Water Conservation
- Water efficient irrigation
- Water Reuse requirements

Benchmarking Tools
- Regional use of the Sustainable Sites Initiative

LID long term accountability:
- How can we link LID maintenance plan at the time of property transfer

Education/Outreach:
- Training curriculum for designers, installers, inspectors
- Provide educational tool for how critical areas, buffers, and LID design interrelate
- Provide educational tool about continued landscape management

Kathleen Petrie
King County
Department of Natural Resources and Parks
Solid Waste Division

Question for you…..

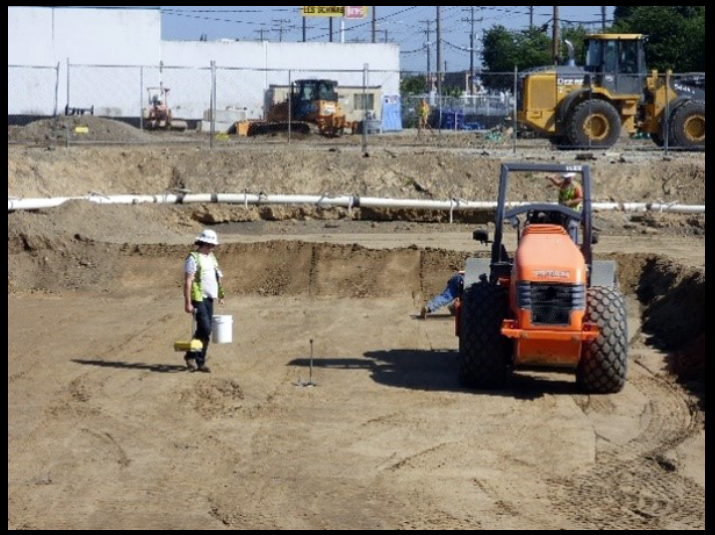
What code or policy related to stormwater management could benefit from a coordinated regional approach or template?

Kathleen Petrie
King County
Department of Natural Resources and Parks
Solid Waste Division

King County
Protecting Our Waters
Doing our part on rainy days

Investing in Infrastructure
Incentives for Clean Water

John Phillips
Combined Sewer Overflow (CSO) Program Manager
Green Infrastructure Summit
February 9, 2018



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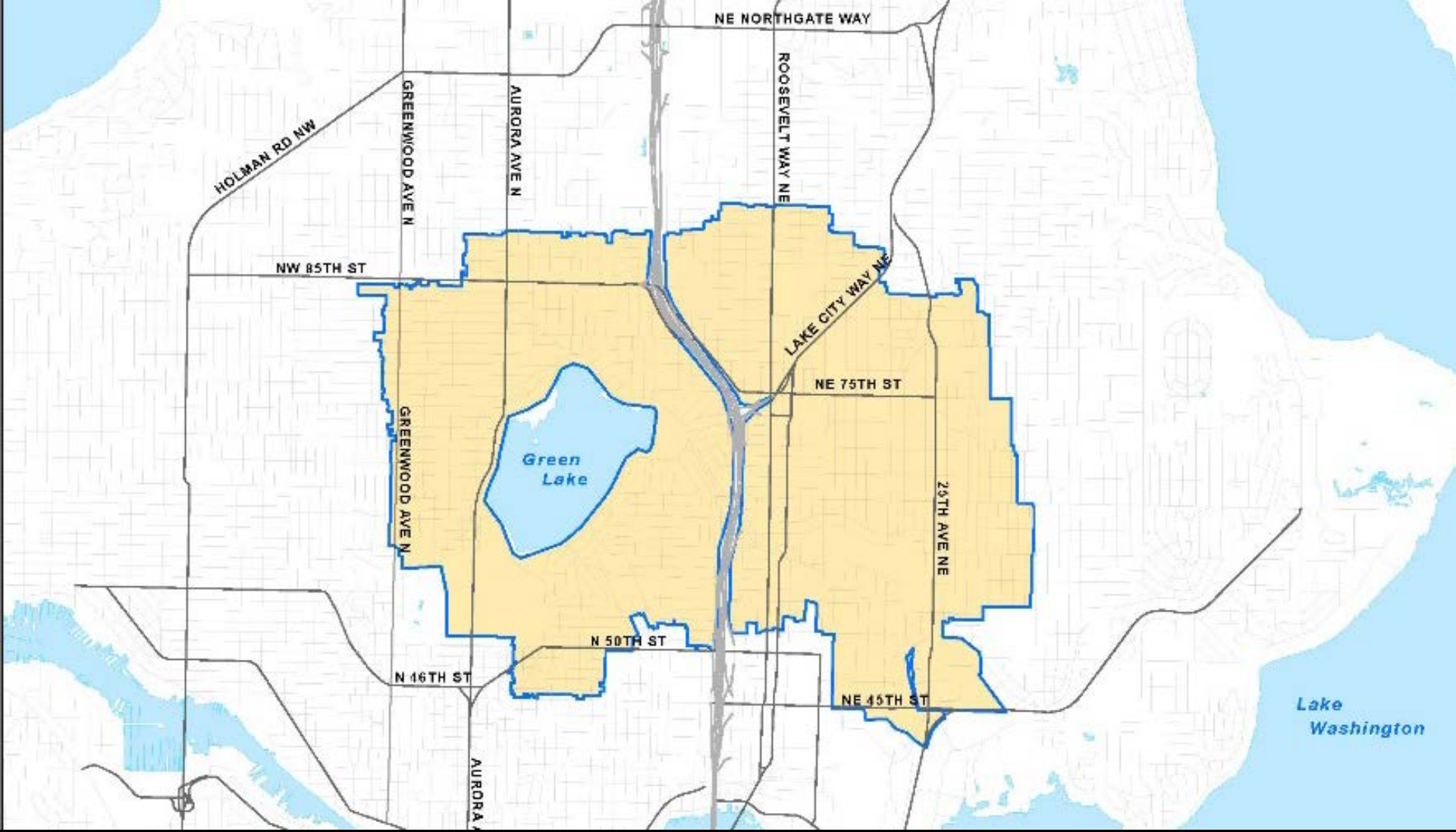
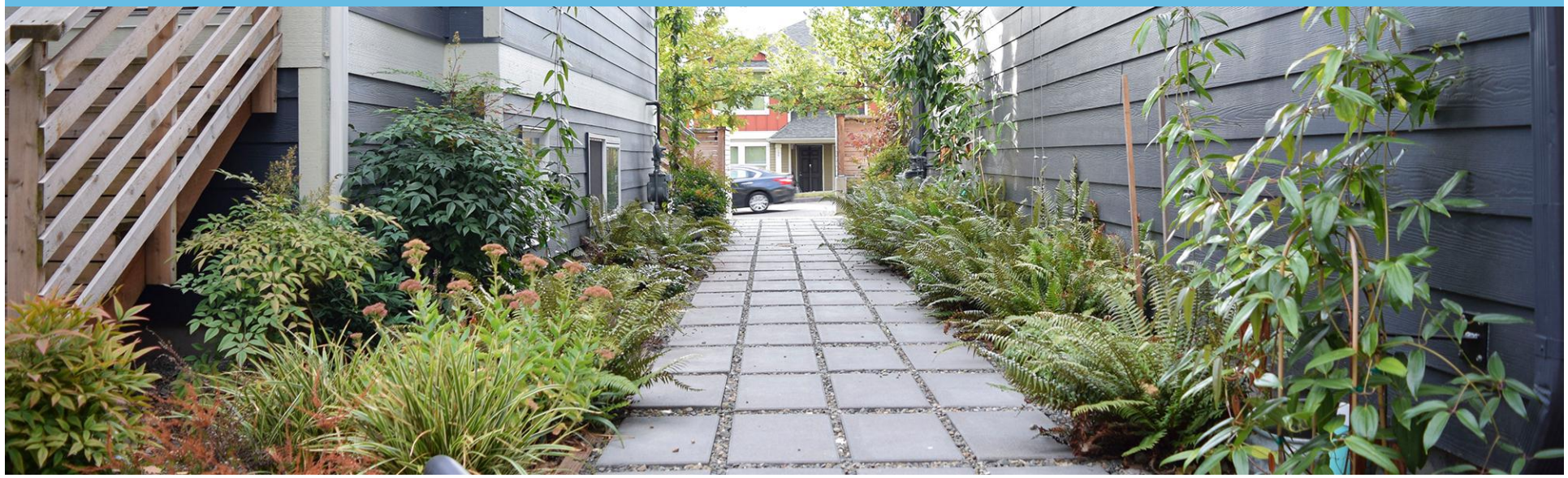
DUWAMISH INFRASTRUCTURE
RESTORATION
DIRT CORPS


NE NORTHGATE WAY
HOLMAN RD NW
GREENWOOD AVE N
AURORA AVE N
ROOSEVELT WAY NE
NW 85TH ST
LAKE CITY WAY NE
NE 75TH ST
Green Lake
GREENWOOD AVE N
25TH AVE NE
N 50TH ST
N 46TH ST
NE 45TH ST
AURORA
Lake Washington

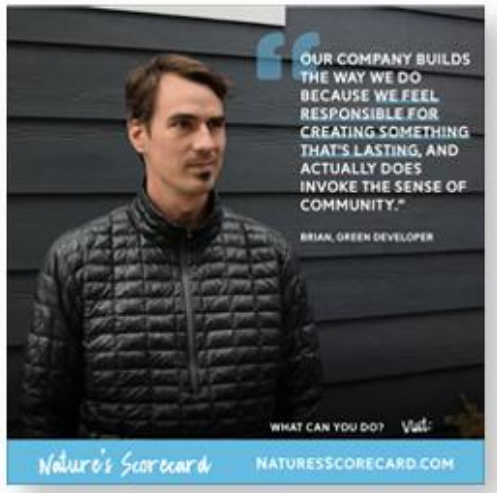


Nature's Scorecard

Sophia Ressler
Staff Attorney
PUGET SOUNDKEEPER®

Danielle Shaw
Local Government Affairs Manager
WASHINGTON ENVIRONMENTAL COUNCIL

Carrots + Sticks



Nature's Scorecard

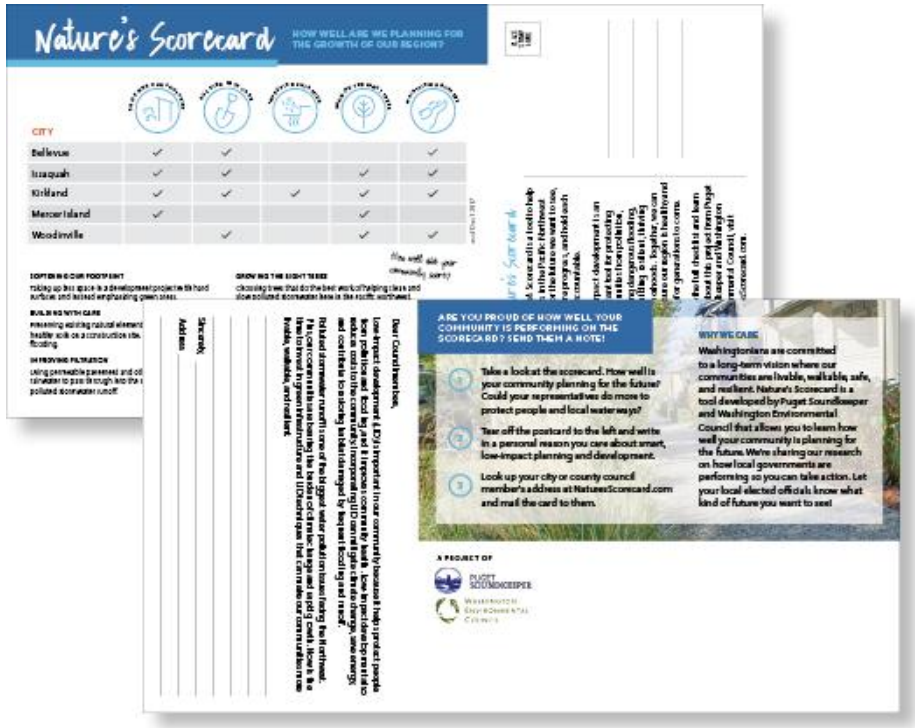
Accountability

- Relied on annual reports and 4 corners of the development code
- Ecology-endorsed resource used as comparison
- Rubric checklist

Nature's Scorecard

Making an Impact

- Accessible language
- High-level metrics
- Engaging visuals
- Opportunity to celebrate and take action



Nature's Scorecard

Progress to Come

- Green Star Presentations
- Social Media Campaign
- Pint-Size Science Talks
- Cooperative Solutions with Smaller Municipalities
- LID Project Support
- Nature’s Scorecard acts as a living document

Nature’s Scorecard

Questions?

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