reward

punishment

CODES
rules of engagement
guiding how we
collectively shape our
communities

movement toward
a (future) desired state

Government

imagined/desired
future

Government View
movement toward a (future) desired state
Community View?

movement toward a (future) desired state

imagined/desired future
The carrot and the stick approach is pervasive and persuasive.

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

—John Whitmore
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
eetc.
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
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
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 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-site 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 for Surfaced & Unsurfaced Areas
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 tables 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 Onsite Lists
Onsite lists are provided in Volume 3, Section 5.1 for all project type(s). The applicable on-site BMPs are provided in this calculator in the “Surface” tab 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.
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
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
What code or policy related to stormwater management could benefit from a coordinated regional approach or template?
Investing in Infrastructure

Incentives for Clean Water

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

Sophia Ressler
Staff Attorney

Danielle Shaw
Local Government Affairs Manager
Carrots + Sticks

These laws matter; they exist to protect our families, our friends, our neighbors from threats of pollution and flooding.

Are our communities planning for smart development? Only half are!

- 15% failed to meet the permit requirement
- 38% barely updated, making changes more challenging
- 47% made updates to help improve their code

Nature’s Scorecard
NATURESCORECARD.COM

Redmond’s score: 3/5

Softening our footprint
Building with care
Improving filtration
Growing the right plants
Maintaining buffers

Is your community on this map? See how well they scored!

Nature’s Scorecard
NATURESCORECARD.COM

Our company builds the way we do because we feel responsible for creating something that’s lasting and actually does invoke the sense of community.

Nature’s Scorecard
NATURESCORECARD.COM

What can you do? Visit NATURESCORECARD.COM
Accountability

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

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

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