



Clark County Environmental Services

# 2013-2018 NPDES Stormwater Permit STAKEHOLDER ADVISORY COMMITTEE

December 19, 2013, 4:00 – 6:00 p.m.  
Elections Building - 1408 Franklin St., Conference Room

Attendees:		
Don Benton, Ron Wierenga, Rod Swanson, Jane Tesner Kleiner, Chris Clifford		Clark County - DES
<b>Tim Kraft, Trista Kobluskie</b>		Otak, Inc. (consultants)
Heath Henderson, Greg Shafer, Sue Stepan		Clark County – Public Works
Holly Gaya		Clark County - PIO
Jon Dunaway		Clark County – Fire Marshal
Doug Ballou		NACCC
Jeff Breckel		Lower Columbia Fish Recovery
Barry Cain		Gramor Development
<b>Jim Carlson</b>		Clean Water Commission
Maury Harris		Salmon Creek Watershed Council
Michele Holen		Clark County Association of Realtors
Lehman Holder		Sierra Club
<b>Jennifer Halleck</b>		Vancouver Public Schools
<b>Jamie Howsley</b>		BIA of Clark County
Ryan Jaynes, Kelly Uhacz		City of Battle Ground, ASCE SW Branch
Lance Killian		Killian Pacific
James Martin II		Washington State University
Bonnie Moore / Elizabeth Scott		Columbia River Economic Devel. Council
Jeff Deringer		Nutter Corporation
<b>Kenneth Opp</b>		Real Property Management Services
Sydney Reisbick		Friends of Clark County
Kali Robson		Nothing But NW Natives
Ginger Schmidt		Hazel Dell/Salmon Creek Business Assoc.
<b>Gretchen Starke</b>		Vancouver Audubon Society
Dave Cone		Evergreen School District
Kevin Tapani		Tapani Underground
Kevin Wann		Pacific Lifestyle Homes
Terry Wollam		Re/Max Equity Group
<b>Guest: Sunrise O'Mahoney</b>		Vancouver Watershed Alliance

## Agenda Topics:

4:00	<b>1. Welcome</b>	All
4:05	<b>2. Feedback from last meeting</b>	All
4:20	<b>3. Design Manual and Code update changes</b> <ul style="list-style-type: none"> <li>• Updates to the manual layout and table of contents</li> <li>• Chapter updates – general overview</li> </ul>	Tim Kraft & All
4:40	<b>4. Issues to consider (refer to handout)</b>	All
5:55	<b>5. Next Steps – February meeting</b>	Ron Wierenga



## MEETING SUMMARY:

### Welcome - All

Overview – Topics discussed most in depth include manual organization, inclusion of LID, and outreach. Handouts available (LID Tour guide book, Revised Draft Design Manual Outline v5, Key Issues 12.19.13)

### Feedback since last meeting

- None

### Design Manual Table of Contents review (Tim) – (see handout)

- The manual is intended to be equivalent to the 2012 Stormwater Management Manual for Western Washington (Department of Ecology). Meant to be concise and user-friendly.
- In discussions with TAC and in writing the manual, the idea of dividing it into separate volumes arose. Reasoning is that the audiences for different parts of the manual vary – facilitate carrying around less paper; allow different volumes to have different organizational structures and tones.
- *Book 1*: A designer's manual defining thresholds and giving parameters for modeling, hydrology and design
  - *Ch 1*: Determining applicable Minimum Requirements and submittal requirements
  - *Ch 2*: Selection and sizing of runoff treatment facilities
  - *Ch 3*: Selection and sizing of flow control facilities
  - *Ch 4*: Design of conveyance and off-site analysis
  - *Ch 5*: Construction erosion control
- *Book 2*: BMP Design Sheets
  - This book is primarily for design and review engineers
- *Book 3*: Source Control
  - This book is primarily for business operators
- *Book 4*: Operations and Maintenance
  - This book is primarily for stormwater facility owners/operators; also for design engineers who must include an O&M for facilities with submittal; also for county inspectors
  - SAC member requested a change to facility inspection enforcement process: please ensure that enforcement letters contain guidance for how to bring a facility back into compliance
    - The O&M manual will be updated with more “how to” language than it previously contained
- Since the permit and manual are still under appeal, it is possible that some of Ecology's requirements will change. The county then may want or need to backtrack a bit on its code and manual update.
- The timeline for this project is: initial draft manual in January 2014, a 90% review draft in March 2014, submit to Ecology for review June 2014
- What triggers an upgrade to a stormwater system? New development or redevelopment of a site = build stormwater to new standards unless thresholds are not triggered. Repairing an existing stormwater facility = bring it back to its original function. The new standards do not require independent upgrade of a site's existing facilities; these are driven by amount of land disturbance and by new and replaced impervious surface.
- Request to provide a cross reference back to the 2012 manual for each book or chapter or section.
- Will the new standards force sites to manage runoff from areas off their sites? No. Runoff already coming through the area still needs to be allowed to pass through, but the site does not need to treat it or detain it.
- Questions about partnerships. The updated code and manual will provide opportunities similar to the current code and manual for latecomer agreements, phasing, and partnering. While there is flexibility, it is not mandated. There may be a possibility to provide more tools or more clarity for how to structure some of those agreements.

### Chapter Updates (Tim) – (see handout)

[Note: the chapter update discussion ended up focusing on low impact development (LID).]

- Request to see the entire LID language put together.

- Question from audience about what parts will address LID. LID is a pervasive requirement and will be found in many parts of the manual. The county may produce additional outreach material that can act as a “roadmap” to LID, but it will likely not be found in the manual.
- The county may have some flexibility in the rigor of investigation required to demonstrate that LID is feasible or infeasible on small projects. This wouldn’t change the requirement to use LID to the extent practicable, but would just affect how much/ how rigorous information required for making that decision.
- 10 small projects = 1 big project as far as the environment is concerned; be cautious with changing any requirements.
- LID may result in infiltrating more water than ever was historically infiltrated in some locations, or at least for many years; a sometimes overlooked factor in infiltration, even small-scale, is the potential effect on the developed landscape – basements, underground utilities, wells that have been dry for years. While encouraging LID, the county also has an obligation to protect existing infrastructure and buildings.

**Key Issues** (Ron) – (see handout)

- There is hope that process simplification and efficiencies in permitting will help recover some of the additional expense that will be required for investigating the feasibility of LID early in the process.
- Encourage partnerships with schools in outreach – keep the exemption for schools; keep stocking science kits with water quality kits
- ID groups impacted and make aware of changes – recognized that how LID is constructed is as important as what is constructed
- Outreach should involve 2-way conversations
- Suggestion to speak at an Audubon general meeting; suggestion to hold a work session or forum for members of all environmental groups in the county
- Suggestion to attend NAACC as the best way to reach neighborhood associations
- Be mindful that some HOA Codes, Covenants and Restrictions (CC&Rs) may actually contradict some of the new requirements and/or the teachings of water-friendly maintenance practices; e.g. CCRs may require highly manicured lawns. New HOAs should have CC&Rs that jive with the proposed stormwater infrastructure.
- Suggestion to attend Ken Opp’s annual seminar for HOA operators
- Suggestion to “pay for lunch” to attract audiences such as realtors, who have a stake in the new requirements for LID but may not realize it
- Suggestion to focus on apartment operators, since apartment complexes have a lot of impervious surface

**NEXT STEPS –**

- Jane Tesner Kleiner is accepting all comments via email or at these meetings; she is tracking all comments in a log
- The next meeting is scheduled for February 2014

**End of Summary**