

Clark County's Phase 1 Municipal Stormwater Permit Stormwater Manual and Code Update

*National Pollutant Discharge Elimination System & State Waste
Discharge General Permit 2013-2018*

Update for Adoption Draft (summer – fall 2015)

Updated 6.15.15



Round Lake
Photo: Gary Piazza



Presentation Overview:

- Stormwater manual and code update – who's involved?
- Key project highlights
- Ecology comments on June 2014 Review Draft
- Project Schedule – update
- What's next.....



North Fork Lewis River, from Yale Bridge
Photo: Gary Piazza

Who is involved in coordination of the Clark County NPDES permit?

Primary Regulatory Authority

State of WA
Dept. of Ecology

WA Water Pollution Control Law
RCW Chapter 90.48

United States
Env. Protection Agency

Federal Water Pollution Control Act
USC Title 33, Section 1251

Primary CC Authority

BOCC

County
Mngr.

CC Code 13.26A, 40.385 – plus other related environmental and planning codes

Primary Responsible County Departments

Environmental Services

Clark County
Departments

Public Works
Community Development
Community Planning
General Services
Prosecuting Attorney
Public Health

Stakeholders

Partner
Agencies

Other
municipal
NPDES
permittees

General
Public



Key Project Highlights:

- Clark County Stormwater Manual and Code update project is required by the NPDES Phase I Municipal Stormwater Permit from WA Department of Ecology.
- The Goal is to create a unified and consistent single stormwater manual for development and redevelopment projects that meets local needs and complies with the NPDES permit.
- The main new addition to the manual is the mandate to use low impact development stormwater infiltration BMPs wherever feasible.



*The update project started in August 2013,
when the revised permit was issued*

Key Project Highlights:

- **The requirement to use low impact development created a two-part project:**
 - (1) **Updated county code and stormwater manual** – rewrite stormwater code chapters 13.26A and 40.386 and create a new county stormwater manual as a stand-alone document divided into four sections: 1) administration and procedures; 2) design; 3) source control BMPs; and 4) operations and maintenance.
 - (2) **Revise development regulations in Title 40** to remove barriers to the use of low impact development practices.



Low Impact Development

Site Design, Bioretention, Rain Gardens, Pervious Pavement, Green Roofs,
Native Plantings, Rainwater Harvesting

Key Project Highlights:

- **The NPDES permit requires the new regulations and stormwater manual go into effect by January 8, 2016.**
- **Stakeholder Process –**
 - **Internal stakeholders** (across 5 departments) and **numerous external stakeholders** (including TAC and SAC).
 - **Hosted over 80 meetings** with stakeholders to review processes, technical data and design information to ensure manual was complete and equivalent to the state manual.
 - **Most external comments** related to **clarifying the technical information** required during development process.
 - **Most internal comments** related to **clarifying information and streamlining the review, approval and inspection** processes where feasible.



Technical Advisory Committee – 10 meetings
Stakeholder Advisory Committee – 6 meetings

Ecology feedback on Review Draft:

For technical equivalency

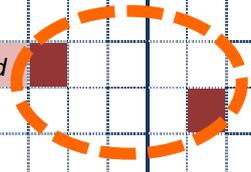
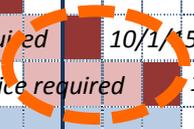
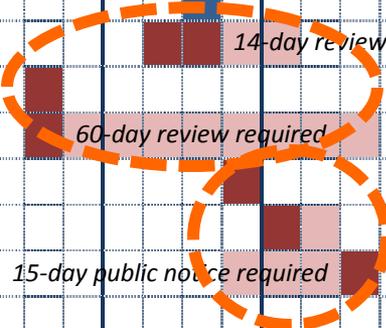
- **No fatal flaws in the information submitted**
- **Several minor technical clarifications / corrections**
- **Ensuring consistency amongst figures and text**
- **Clarified relationship to WSDOT Highway Runoff Manual for LID feasibility**
- **Adding changes from Ecology 2014 updates**



Project Schedule:

Anticipated Schedule for Clark County Stormwater: ■ Key Milestones; ■ Target dates and coordination

	June	July	August	Sept.	Oct.	Nov.	Dec.	Jan. 2016
County submits comments to Otak	■							
Clean Water Commission – update		■						
DEAB – update		■						
Prepare SEPA		■	■					
Post code update to web	■							
Dept. of Commerce review – code	■							
County Manager (one on one update)		■	■					
BOCC (one on one updates)		■	■					
BOCC worksession		■	■	■				
Post Adoption Draft for public review				■				
Planning Commission WS – update					■			
Planning Commission Hearing					■			
Legal Review	■							
Final edits – Final Adoption version					■	■		
BOCC – Public Hearing					■			
Final deadline for adoption						■		
Make manual and code effective							■	



Key Project Highlights:

- What is the consequence for not completing the code and manual update?
- If Clark County fails to adopt and implement the updated code and manual by January 8th, it will be out of compliance with its NPDES municipal stormwater permit.



What's next.....

- Clean Water Commission
- DEAB update
- SEPA submittal
- Code – Department of Commerce
- Planning Commission – WS and Hearing
- BOCC Work Session
- Final edits to documents
- BOCC Hearing to adopt the final documents
- January 8, 2016 – new regulations are effective



*Thank you, in advance, for your feedback,
input and support to get to the final product!*