



KITSAP COUNTY
Community Development

KITSAP COUNTY PLANNING COMMISSION
WORK-STUDY BRIEFING

CODE AND STORMWATER DESIGN MANUAL UPDATE

June 16, 2020

Presented By:

Angie Silva / *Kitsap County Community Development*
Dave Tucker / *Kitsap County Public Works*

Who is on the team?

Department of
Community Development



Keepers of the County's
Stormwater Manual

Department of Public
Works
Stormwater Division



Keepers of the County's
Stormwater Assets

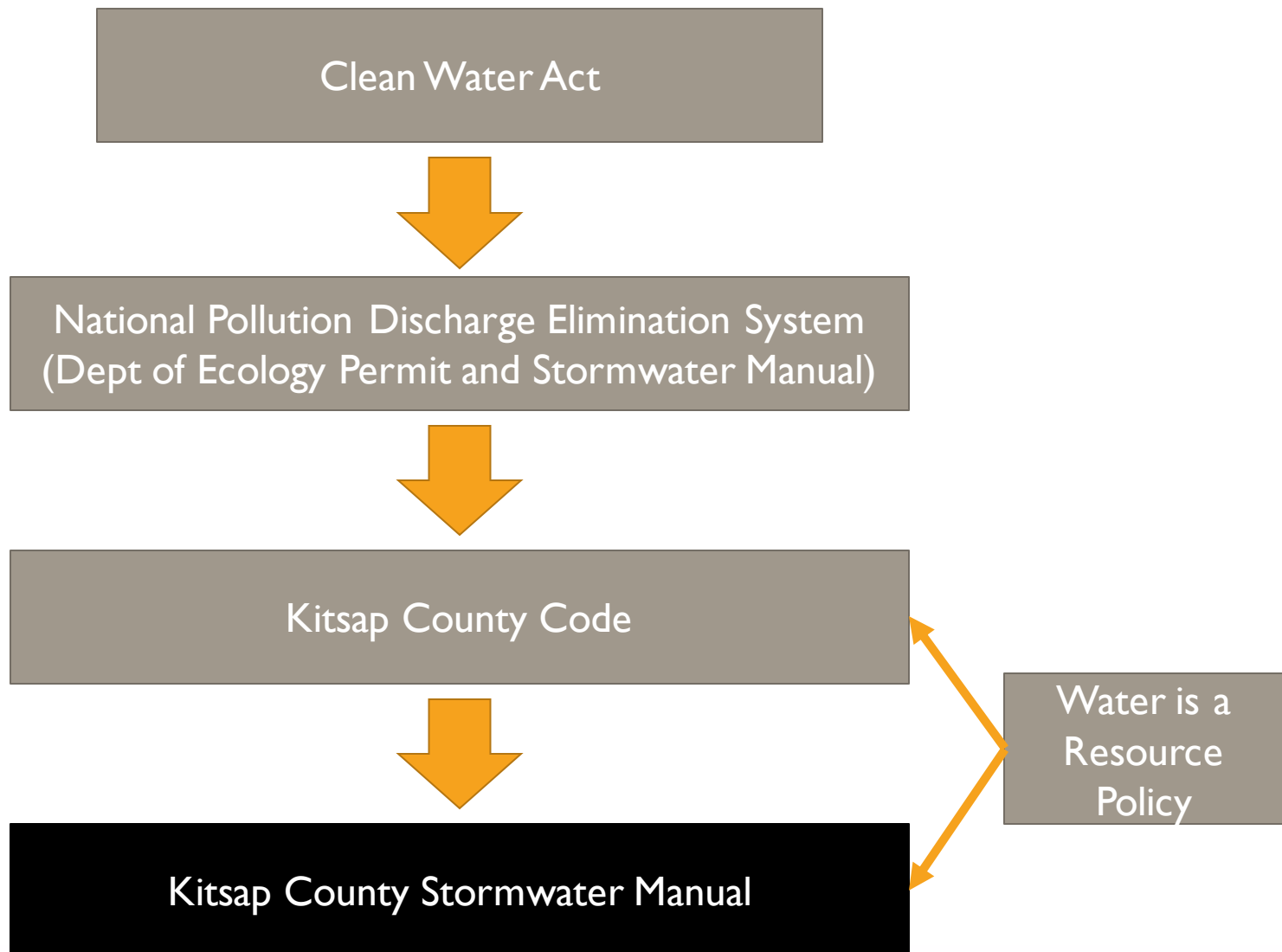
Herrera Environmental
Consultants/RKI Inc.



Subject Matter Experts



Why are we updating the Stormwater Manual?



What changed in this update to Title 12 and the manual?

Most of the changes were for clarity and ease of use

- Created a more user friendly, online version of manual
- Reorganized and cleaned up bad references, broken links, etc.
- Expanded guidance from Ecology on sections that were not clear in previous Ecology manual
- Few new additions to content

Key Changes – Title 12

- Chapter 12.04 - Deleted reference to purchasing a copy of the manual
- Chapter 12.08 - Updated Definitions to match either Ecology Manual or NPDES permit
- Chapter 12.10 - Updated figure labels and terminology
- Chapter 12.16 - Updated figure labels
- Chapter 12.20 - Updated figure labels and added language related to the minimum requirements for redevelopment to match NPDES permit language

Key Changes – Title 12

- Chapter 12.20 through 12.30
 - Updated terminology regarding BMP/facility names
- Chapter 12.36 - Updated terminology and added clarification that source control applies to *existing* development
- Chapter 12.40 - Added clarification that services apply to *stormwater* drainage systems

Key Changes – Draft 2 - Manual

Global - Removed word "Section" from all code chapter references

Volume I edits:

Chapter 1

- Updated Section 1.1 to include new permit date range

Chapter 4

- Added in omitted bullet points in Figure 4.2 in Chapter 4
- Added clarification in the List Approach section that user should refer to Table 4.3 for evaluating BMPs in section 4.2.5
- Corrected erroneous reference to Volume I in section 4.2.6

Key Changes – Draft 2 - Manual

Volume II edits:

Chapter I

- Made grammatical edits to clarify section 1.2.2.4

Chapter 4

- Added clarification that the minimum slope for *installed* pipes shall be 0.5%
- Added clarification that structures with solid lids shall have a maximum spacing of 300 feet in section 4.4

Key Changes – Draft 2 - Manual

Chapter 5

- Added clarification that the Kitsap County Board of Health setbacks take precedence in section 5.3.1 and 5.3.2
- Added clarification to review Appendix G prior to conduction and infiltration feasibility investigation
- Deleted contradictory language in Figure 5.1 in section 5.3.2

Key Changes – Draft 2 - Manual

Chapter 5 (cont.)

- Added clarification that the design engineer shall provide buoyance calculations for detention tanks and that manufacturer's recommendations for backfill and bedding shall be followed if they are more stringent than the County's manual in section 5.4.27

Chapter 8

- Updated the Critical Drainage Area maps to remove the Gamblewood, Edgewater, Miller Bay Estates and a portion of Manchester areas

WHAT IS THE SCHEDULE?

