



Clark County Stormwater Code and Manual Update

Ecology Submittal

Presented to DEAB

June 5, 2025

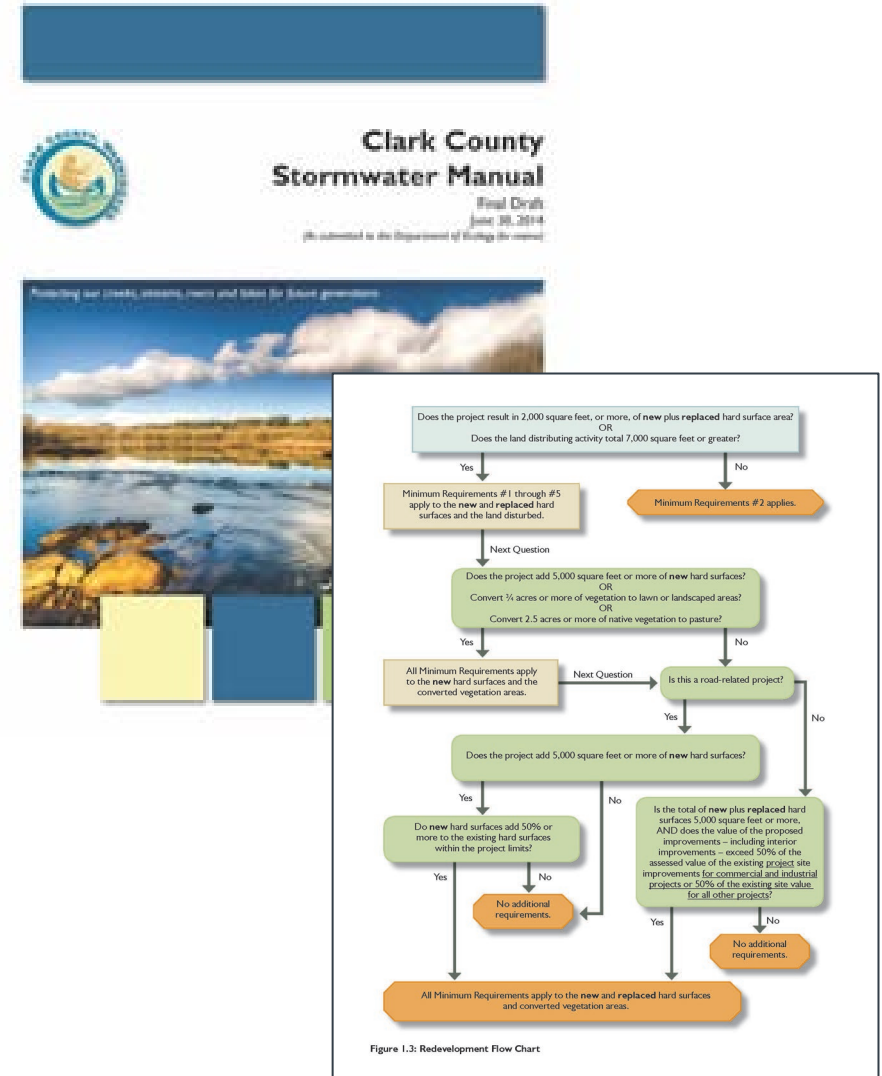
Agenda

- Project Review
- Discussion –
 - Present County and Community Requested Significant Changes for Ecology Submittal
 - Reminder of Mandated Changes for Ecology Submittal
 - Follow-up on Batch 2 (if time allows)
- Next Steps
- Next Steps for DEAB

Project Overview

Improving water quality, ensuring compliance

- Department of Ecology issued new stormwater permit ([2024](#)) and Stormwater Manual ([2024](#))
 - New requirements for new development and redevelopment ([Appendix 10](#), [Appendix 1](#))
 - Updated technical standards and guidance language (Manual)
- Update Clark County Stormwater Manual (CCSM) & Clark County Code (CCC)
 - Incorporate staff/DEAB suggestions
 - Evaluate infiltration testing requirements
- Training Needs Assessment



Project Overview

Enforceable Documents to be Updated

- Clark County Code
 - 13.26A: Water Quality
 - 40.100: Definitions
 - 40.386: Stormwater and Erosion Control
 - 40.500: Procedures
- Clark County Stormwater Manual
 - Book 1, Book 2, Book 3, Book 4

Schedule

Ecology deadlines drive internal and public timelines



Clark County and Community Requested Changes

Batch 3 – Submittal to Ecology

- The attached updates will be submitted to Ecology by the end of June.
- From the full list of Clark County and Community Requested Changes, these are the ones we have deemed “significant” that must be reviewed by Ecology.
- The remainder of the list will continue to be reviewed over the next 6 months.

Clark County and Community Requested Changes

Batch 3 – Submittal to Ecology

- Review attached table of updates (see handout)

Ecology's Significant Mandated Changes

Reminder

1. Redevelopment Project Level Thresholds
2. Project Exemptions
3. Definitions Related to Minimum Requirements
4. Wetland Hydroperiod Protection Method 2
5. Runoff Treatment Performance Goal Threshold
6. Source Control BMPs – PCB Edits
7. High Performance Bioretention Soil Mix

Link to Appendix 10

Significant Changes

- Redevelopment Project Level Thresholds:** The "Project Level" thresholds for applying the Minimum Requirements to redevelopment projects have been updated.
 - Project Level - Redevelopment Thresholds / Road Related Projects
The updated threshold for road related projects states that all Minimum Requirements apply to the new and replaced hard surfaces and converted vegetation areas if the project adds 5,000 square feet of new plus replaced hard surfaces AND the new plus replaced hard surfaces total 50% or more of the existing hard surfaces on the Site (underline shows the new language).
 - Project Level - Redevelopment Thresholds / Commercial or Industrial Projects
The updates include a new threshold for commercial or industrial Sites. The new threshold states that all Minimum Requirements apply to the new and replaced hard surfaces and converted vegetation areas if the Project adds more than 5,000 square feet of new plus replaced hard surfaces AND the new plus replaced hard surfaces total 50% or more of the existing hard surfaces within the Site.

See **Section 3** of Appendix 1.

Link to Appendix 1

- **Threshold 1:**
 - the ~~total~~Project adds 5,000 square feet or more of new plus replaced hard surfaces ~~is 5,000 square feet or more~~, and
 - For commercial or industrial projects: the valuation of the proposed improvements, including interior improvements, exceeds 50% of the assessed value of the existing Project Site improvements.
 - For all other projects: the valuation of the proposed improvements, including interior improvements, exceeds 50% of the assessed value of the existing Site improvements.
- **Threshold 2 (for commercial or industrial sites only):**
 - the Project adds 5,000 square feet or more of new plus replaced hard surfaces, and
 - the new plus replaced hard surfaces total 50% or more of the existing hard surfaces within the Site.

Clark County and Community Requested Changes

Follow-up on Batch 2 – Proposed Changes to Geotechnical Investigations

- The only comment we received on Batch 2 was to reconsider requiring a mounding analysis to show separation. The ability to back up the system
 - The mounding analysis must show separation between the base of an infiltration facility and groundwater. Otherwise, stormwater will be injected directly into groundwater, and this is not lawful.

Next Steps

- Submit mandated and significant changes to Ecology for review
- Ecology has 180 days to review
- While Ecology reviews, continue to process other proposed updates that we have not deemed to be “significant”

DEAB next steps

- Next winter (2025-2026) all the proposed updates to the stormwater code and manual will be available for public review.

Questions?



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