



# CITY OF PORTLAND ENVIRONMENTAL SERVICES



Water Pollution Control Laboratory

6543 N Burlington Avenue, Bldg 217, Portland, Oregon 97203 ■ Nick Fish, Commissioner ■ Michael Jordan, Director

## Highlights of the Draft 2020 Source Control Manual Revisions- 1/16/2020

### Goals of the revisions:

- Protect sanitary and storm BES assets, as well as groundwater & surface waters
- Increase environmental protections for sites with vehicle repair and dismantling
- Improve ease of use
- Consistent requirements and language throughout
- Update based on lessons learned since 2016 when SCM was removed from SWMM and 2014 when pertinent content was last revised
- Update based on new rules/procedures: Monitoring Access Structures, Alternative Discharge Control Mechanism (ADCM), BES Enforcement Program Administrative Rules

### Revision highlights to improve service delivery/ ease of use:

• Provides new figures as examples for each type of activity requirements and spill reporting sign example
• Clarifies requirements for contaminated sites, & dewatering
• Replaces multiple forms with one Construction Dewatering Discharge Application Form
• Improves organization of sections for better flow and readability
• Includes Table 3-1 for quick reference of site activities and applicable requirements
• Revises items that were difficult to interpret- high-risk and low risk & allowable exemptions
• Provides oil-water separator maintenance specifications and maintenance log example

### Revision Highlights to further BES mission to protect BES assets and water quality

• Includes “structural”, “operational” & “treatment” controls required for each applicable site activity
• Includes O&M Form for Source Control Facilities (for treatment facilities to sanitary <u>and</u> storm)
• Includes requirements to record O&M Plans (with the County) for all required treatment
• Includes additional requirement to install treatment on a case-by-case basis
• Changes the Motorized Vehicle and Equipment Areas requirements to specify drainage to storm and sanitary, covering, oil water separator requirements
• Includes waste storage requirements to require secondary containment for restaurant grease and automotive waste oils
• Includes Shut off valve installation requirements (w/testing requirements)

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**Specific Section Highlights:**

- **Contaminated sites**
  - Adds monitoring requirements for soil and groundwater sampling to clarify requirements for use in dewatering, soil management, disposal considerations for SCM, and
  - Monitoring requirements will be used by BES to evaluate if infiltration is feasible
- **Food Cart Pods**
  - Requires dump station to sanitary sewer for wastewater with a grease interceptor
- **Exterior Storage or Processing of Solid Materials:**
  - Adds to list: sandblast grit, used tires
  - Removes use of a temporary cover: only includes permanent cover with canopy or roof to meet SCM requirements
- **Aboveground Storage, processing of liquid of materials:**
  - Removes quantity thresholds in exemptions
  - Adds retail establishment exemption
  - Clarifies valves, pumps and nozzle requirements. Allows for BES review if outside of containment to consider an atypical option
- **Fuel Transfer and Dispensing areas**
  - Includes required operational BMPs for onsite mobile fueling activities
  - Requires surrounding areas (traffic pathways that are high-use) to be drained to an oil water separator with a shut off valve
- **Waste storage areas**
  - Changes the title so requirements are not limited to solid waste storage areas
  - Includes requirements for additional secondary containment for restaurant grease and automotive waste oils
  - Removes high and low risk categories

BES will be inviting the public to review and comment. BES is planning a review period in Spring 2020. During that time, materials will be available online for review. Please visit the Featured Content section on the BES Homepage to find updates: <https://www.portlandoregon.gov/bes/>