



Columbia South Shore Well Field Wellhead Protection Program Reference Manual Update

April 6, 2010

Summary of proposed changes:

Introduction – An introduction has been added and includes a summary of changes to the manual.

Figure 1 – change map to corrected version – no change to boundary.

1.3.1 Carcinogenic Materials – This section is being removed. Carcinogenic materials are already included in the EPA List of Lists (Consolidated List of Chemicals). This consolidation eliminates some confusion for businesses trying to figure out what chemicals are regulated. Halogenated solvents will still be listed separately to make sure they are easy to identify.

Fire Code References – Throughout the manual, references to Uniform Fire Code have been changed to correspond to Oregon Fire Code.

2.1.3 Special Requirements for All New Development in Zone 1 – Currently training of facility personnel is required solely in Zone 1. All businesses will now be required to provide awareness training to facility personnel that handle hazardous materials or fuel over the threshold amounts. The new language is in section 3.1.4 and 3.9.

2.2 Modified Facilities – This section has been removed and consolidated with 2.3 Existing Facilities and a new section 2.2.5 has been added to address non-conforming uses. Section 2.3 outlines a timeline and procedure for non-conforming uses to come into compliance. The amount of time to prepare a compliance plan has been increased to 60 days. The required compliance plan has also been better defined and includes a list of minimum requirements.

Table 2 – This has been removed since the implementation schedule for non-conforming uses has expired.

Figure 3 – This has been replaced with an updated figure to correspond to the new manual language.

3.1.4 Required Operational Source Control BMPs – a new section on Employee Training has been added and subsequently deleted from recommended BMPs.

3.4.2 Additional Requirements – Advisory Note for City of Portland regarding potential requirements of the Stormwater Management Manual.

3.6.3 Transportation Routes, Additional Requirements – Geomembrane liner specifications have been added.

3.6.4 Residential Zone Exemption – New section has been added to outline the process for seeking an exemption to transportation route requirements in residential zones. Review and approval process is outlined.

3.7.1.2 (5) and 3.7.1.3 (2) – “Significant amount” of oil and grease has been clarified to help determine if an unacceptable amount of oil and grease is being discharged. 10 milligrams per liter (mg/L) is the new standard. It is the benchmark for oil and grease in the 1200 COLS stormwater NPDES permit.

3.7.1.2 (6) – Language deleted related to discharges of explosive or flammable mixtures has been deleted. This concern is adequately covered by meeting pre-treatment requirements already stated in the language.

3.11 Alternative Measures in Specific Cases – This new section serves to address the use and storage of US Department of Transportation approved ISO/IMO inter-modal containers under very specific circumstances and allows for the proposal of alternative measures. Review and approval process is outlined.

Appendix B – Removed - List of Carcinogenic Materials (see 1.3.1)

Appendix C – New – Polyethylene Geomembrane Swale Liner Specifications (see 3.6.3)