

Chapter 5.10 – Oil and Water Separators

Two corrections apply in several locations in the section:

- First, the multiplier of **2.15** does not apply to facilities in eastern Washington.
- Second, the instantaneous peak flow rate generated by the modeling does not need to be applied in all cases, but instead, where time increments smaller than 30 minutes are used in the hydrologic analysis (*e.g.*, where the short duration storm is applied), the water quality design flow rate should be the average of the flow rates generated by the model over the peak 30 minute period. Where time increments of 30 minutes or greater are used in the hydrologic analysis, the water quality design flow rate is the instantaneous peak flow rate calculated by the model.

The corrections to the manual are as follows:

p. 5-107, last bullet on the page, *correction*, the bullet should read as follows:

- Locate the separator off-line and bypass flows in excess of the water quality design flow rate, which is the average flow rate generated by the model over the peak 30 minute period.

p. 5-108, Criteria for Separator Bays, first bullet, *correction*, the bullet should read as follows:

- Size the separator bay for the water quality design flow rate, which is the average flow rate generated by the model over the peak 30 minute period.

p. 5-110, Inflow from drainages < 2 acres, *correction*, the second equation under the third bullet should read:

Q = the water quality design flow rate in ft³/min, at minimum residence time, t_m