

Review 80% TSS/40%TP BMP removal efficiency standard

1. Are there better methods for evaluating the effectiveness of BMPs?
 - a. should we continue with “removal efficiency” as the standard, or should we consider other methods such looking for statistical difference in mean influent versus effluent pollutant concentration? Some recent research suggests the latter may be appropriate.
2. Set higher or lower standards
 - a. if we continue with “removal efficiency”, are the 80% and 40% standards appropriate?
3. Alternative STPs are limited b/c the 80/40 removal efficiency is required
 - a. Is this standard too difficult to meet, or are the unpredictable variables that affect removal efficiency, especially in a limited test, a detriment to incorporating beneficial STP?
 - i. 80/40 is assumed for standard practices, but for ATPs, removal rate is evaluated and it may not meet 80/40 because influent may be too clean
 - ii. Consider the type of site when determining requirements.
 - iii. Washington state – concentration - If <100mg/L, then go to a different target