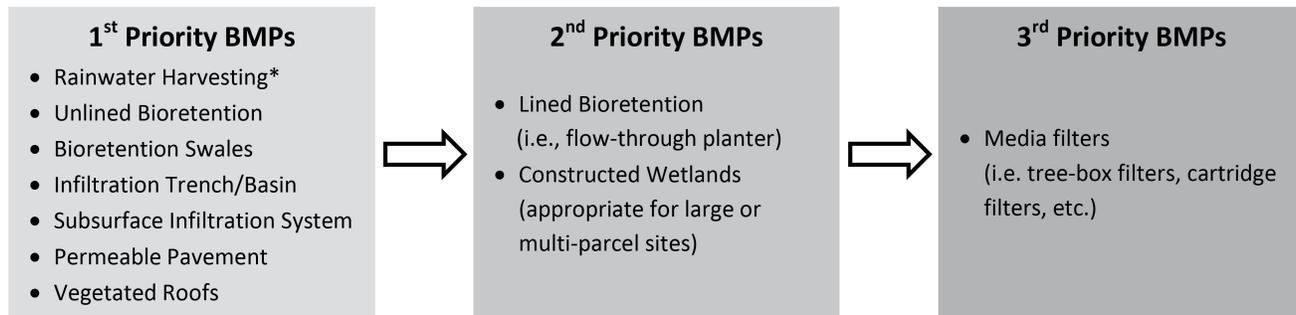


SECTION 2A: SEPARATE SEWER AREA BMP SELECTION FORM

This form guides the applicant through the BMP selection process in alignment with the Separate Sewer Area BMP Hierarchy, as required in Chapter 6 of the *Stormwater Management Requirements and Design Guidelines (SMR)*.

Complete this form ONLY if your project is located in the separate sewer area.



*Rainwater harvesting must be assessed before all other 1st Priority BMPs, as required by the NPDES Phase II Municipal Separate Storm Sewer System Permit.

STEP 1 - Rainwater Harvesting

Is the site required to implement dual plumbing per the Recycled Water Ordinance *and* does your project have high non-potable water demand?

- Yes** Use **Rainwater Harvesting** or justify in the Narrative why Rainwater Harvesting is not feasible. If SMR performance requirements are not fully met, continue to **Step 2**.
- No** Move to **Step 2**.

Note: High non-potable water demand in MS4 areas is defined as demand in excess of 4,000 gallons per day per acre of potential rainwater capture area (roughly equivalent to 320 residential units/acre or for commercial sites, 300,000 gross square feet/acre). Use the Separate Sewer Area BMP Sizing Calculator (Rainwater Harvesting tab) to estimate non-potable demand.

STEP 2 - Infiltration

Is infiltration feasible at the site?

- Yes** Use **1st Priority BMPs** to the maximum extent feasible or justify in the Narrative why and where they are not feasible. If SMR performance requirements are not fully met, continue on to **Step 3**.
- No** Move to **Step 3**.

Note: Infiltration is considered feasible unless a majority of the site is subject to infiltration constraints defined in SMR Appendix C: Infiltration-based BMP Criteria such as high groundwater, shallow bedrock, and contaminated soils.

STEP 3 - Biotreatment

Can **2nd Priority BMPs** be used to meet SMR separate sewer area requirements?

- Yes** Use **2nd Priority BMPs** to the maximum extent feasible or justify in the Narrative why and where they are not feasible. If SMR performance requirements are not fully met, continue on to **Step 4**.
- No** Move to **Step 4**.

STEP 4 - High Rate Filtration

If SMR performance requirements cannot be met using 1st & 2nd Priority BMPs to the maximum extent feasible, **3rd Priority BMPs** may be allowed under special circumstances with SFPUC or Port review and approval.