

Section 3.5 Maintenance Requirements

The responsibility for implementation of long-term operation and maintenance of a post-construction stormwater management practice shall be vested with a responsible party by means of a legally binding and enforceable mechanism, such as a maintenance agreement, deed covenant or other legal measure. This mechanism shall protect the practice from neglect, adverse alteration and/or unauthorized removal. The mechanism and Operation and Maintenance (O&M) plan must be included in the SWPPP.

At a minimum, the O&M plan must address each of the following:

- An owner of a post-construction stormwater management practice (including runoff reduction techniques, standard SMPs, and alternative practices), shall erect or post a sign, in the immediate vicinity of each stormwater management practice, except for open channel practices and bioslopes along high-speed limited access highways; or roads defined as interstates, freeways and expressways, or principal arterials by the United States Department of Transportation. Materials must conform to local, regulatory and/or funding agency requirements. See **Figure 3.1** for an example. The sign(s) shall have minimum dimensions of 18 inches by 24 inches and shall have white letters on a green background and contain the following information:

1. **Stormwater Management Practice**
(Insert name of practice)
2. (Insert SPDES Construction Permit #) **(For local SWPPPs this permit info is not required)**
3. Practice must be maintained in accordance with Operation & Maintenance plan.
4. **THIS SIGN MAY NOT BE REMOVED OR ALTERED.**

Alternatively, the owner may erect or post one comprehensive sign, in a highly visible area, that lists all stormwater management practices within the project site. The comprehensive sign shall include keyed numbers that correspond to each practice on site. With this approach, additional simplified signs shall be erected at each individual practice; excluding RR-2, RR-3, and RR-4; depicting their keyed number.

- For any practice or pretreatment device that has unrestricted access to ponded water of 3 ft or more, provide an 18"x12" warning sign per **Figure 3.2**. Materials must conform to local, regulatory and/or funding agency requirements. The sign shall have a white background, a black border and text, and red "Warning" text. Where a practice is enclosed with a fence, the practice shall be considered restricted, and the sign not required.
- Identification of the entity that will be responsible for long term operation and maintenance of the stormwater management practices.
- Identification of the mechanism(s) that will be used to ensure long term operation and maintenance of the stormwater management practices (Deed covenant, easements/rights-of-way, executed maintenance agreement, etc.). Include a copy of such mechanism.
- A copy of the site plan identifying all practices locations on site.
- A copy of the schematics of the practice, with the measurements of design specifications clearly defined.
- A list of maintenance requirements (already defined in this Design Manual and the additional site-specific requirements), proper frequency, and a maintenance log for tracking and observation.



Figure 3.1 Example Post-Construction Stormwater Management Practice Sign



Figure 3.2 Warning Sign