

The Flow-Duration Control System Maintenance Plan

Routine Maintenance Activities

The maintenance objective for the Flow-Duration Control Orifice System includes continued flow-duration control of stormwater from the site allowing continuous discharge at or below the critical flow rate. Routine maintenance activities, and the frequency at which they will be conducted, are shown in Table 1.

Table 1		
Routine Maintenance Activities for Orifice Systems		
No.	Maintenance Task	Frequency of Task
1	Remove sediment and debris from orifice and manhole structure.	1) One inspection at the end of the wet season, 2) one inspection before October 1, and 3) additional inspections after periods of heavy runoff (1" or greater).
2	Check manhole for structural integrity.	Annually.
3	Check for mosquito breeding.	At each inspection.
4	Refer to Pump System Maintenance Plan to ensure pump is operating as designed (as applicable).	As indicated in pump system maintenance plan.
5	Refer to other project stormwater maintenance plans to ensure the entire system is structurally sound and being appropriately maintained.	As indicated in Site Maintenance Plan.
6	Any condition not covered above that needs attention to restore the Flow-Duration Control Orifice System to design conditions.	As needed.

Inspections: The Flow-Duration Control Orifice System Inspection Checklist provided in the attachments to Exhibit D of the O&M Agreement shall be used to conduct inspections monthly (or as needed), identify needed maintenance, and record maintenance that is conducted.

Mosquito Abatement: Standing water shall not remain in the treatment measures for more than five days, to prevent mosquito generation. Should any mosquito issues arise, contact the Alameda County Mosquito Abatement District (ACMAD) as needed for assistance. Mosquito larvicides shall be applied only when absolutely necessary, as indicated by the ACMAD and then only by a licensed professional or contractor. Contact information for ACMAD follows: Alameda County Mosquito Abatement District, 23187 Connecticut St., Hayward, CA 94545, Phone: (510) 783-7747.