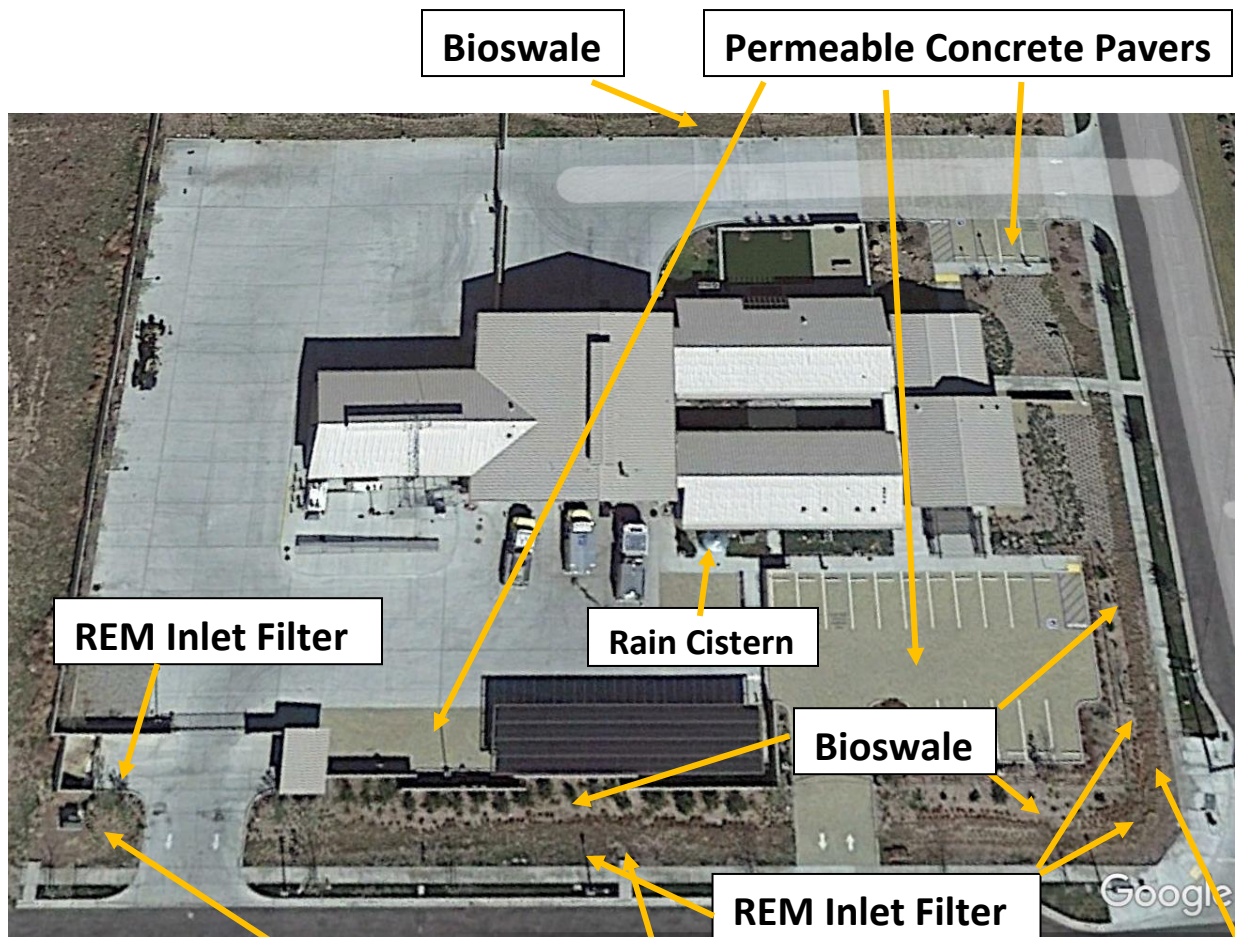


# POST-CONSTRUCTION STORMWATER QUALITY DEVICE OPERATIONS & MAINTENANCE

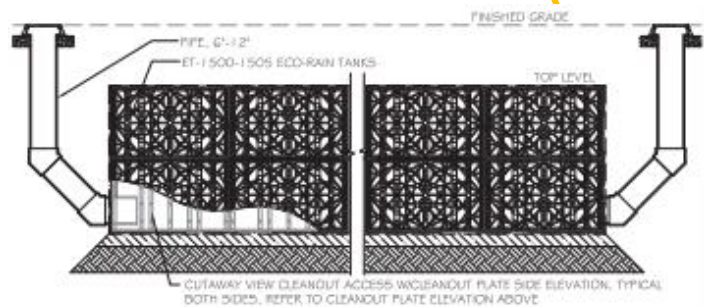
## Fire Station # 27 133 C St, Fillmore

Devices On-Site:

- (3) Eco-Rain Tanks, (3) REM Triton Inlet Filters
- (4) Bioswale, Permeable Concrete Pavers, Rain Cistern



Eco-Rain Tanks



CONCEPT CROSS SECTION THROUGH ECO-RAIN TANK WITH CLEANOUT ACCESS

# Operations & Maintenance Inspection Form

Date: \_\_\_\_\_

Inspector: \_\_\_\_\_

Inspection Type:  Pre-Wet Season (before Oct 1)     Post-Wet Season (after April 15)     After Storm     Routine

<b>(3) Eco-Rain Tank</b>			
Activity	O & M Needed	O & M Completed	Comments / Maintenance Performed
If standing water is present in the vault 4 days after rain event, maintenance is needed immediately to restore infiltration.			
Remove Trash/Debris/Sediment from associated Catch Basins and change Pre-Filter as needed.			
Clear Blockages on Inlet/Outlet Pipes			
Inspect the bottom of the Tank structure by inserting a camera down the Cleanout access portal. If sediment is present, flush water through the tank by inserting a high-pressure hose through the portal on one side to suspend and vacuum it out the opposite side.			
Inspect the structural components of the system			

<b>Rain Cistern</b>			
Activity	O & M Needed	O & M Completed	Comments / Maintenance Performed
Clean gutters and filters that are obstructing flow into the storage tank			
Check associated pipes, vent screens, valves & liquid level indicator			
Remove Accumulated Sediment (Annually)			

<b>Permeable Concrete Pavers</b>			
<b>Activity</b>	<b>O &amp; M Needed</b>	<b>O &amp; M Completed</b>	<b>Comments / Maintenance Performed</b>
Needs to be Swept			
Remove Trash, Debris & Vegetation			
Remove Accumulated Sediment			

<b>Vegetated Swale</b>			
<b>Activity</b>	<b>O &amp; M Needed</b>	<b>O &amp; M Completed</b>	<b>Comments / Maintenance Performed</b>
Remove Trash/Debris/Sediment			
Assess for Poor Vegetative Health (i.e. Weeds, loss of ground cover, grass > 6" tall)			
Repair Erosion/Scouring			
Repair and clear blockages of inlet/outlets			
If Standing Water is present 4 days after rain event, maintenance is needed immediately to restore proper drainage. (See O & M details in 2011 Technical Guidance Manual Chapter 6 Page 152)			

\*2011 Technical Guidance Manual is available under Publications/Manuals @ <http://vcstormwater.org>

<b>REM Triton Inlet Filter</b>			
<b>Activity</b>	<b>O &amp; M Needed</b>	<b>O &amp; M Completed</b>	<b>Comments / Maintenance Performed</b>
Inspect perimeter filter flange gasket. Confirm media cartridge is secure in the filter basin.			
Remove Trash/Debris/Sediment			
REM recommends replacing the filter media a minimum of once a year.			
Repair and clear blockages of inlet/outlets			