

Attachment #1

City of Gardena Semi-Annual Non-Stormwater Monitoring Report Results: 2016-2017

The **City of Gardena** has endeavored to conduct visual observations of non-stormwater discharges from its outfalls to the Dominguez Channel (above Vermont) from late 2016 to early 2017. Despite regular outfall inspections, no non-stormwater outfall discharges were observed in sufficient volume to take grab samples.

The City is aware that it must conduct grab samples of non-stormwater outfall discharges to determine compliance with TMDLs and Municipal Action Levels (MALs). According to Regional Board stormwater staff, a grab sample is to be taken when outfall flow is equivalent to what is normally discharged from a garden hose. The City has not observed outfall flow to that extent that would trigger the need for a grab sample. As explained in previous written communication to Regional Board staff, all of the outfalls from Gardena's catchment areas are fitted with flap-gates that minimize the discharge of outflow to what would be discharged from a standard garden hose. The picture below on the left shows the outfall flap-gate (Western and Artesia). The picture was taken three days after a storm event. A sample bucket was used to take an ambient sample from the Dominguez channel low flow slot. The discharge spillage on the northern side of the channel floor is a remnant of the preceding storm event. The picture to the right was taken in the spring. It shows no outfall discharges.

Outfall Flap Gate



Outfalls Along Dominguez Channel (Above Vermont)



This is typical of all Gardena outfalls, except following storm events when residual stormwater flow manages to produce enough head to push the flap gates open to release pent-up flow (see picture below).

In the final analysis, reconnaissance of Gardena outfalls has failed to identify non-storm water flows in sufficient volume to collect a grab samples.

Slow Release of Stormwater Outfall Discharge

