

Attachment #1

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

The **City of Compton** has endeavored to conduct visual observations of non-stormwater discharges from its outfalls to Compton 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 36" cylindrical outfalls from 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 on Compton Creek outfalls.

Typical Outfall Flap-Gate



There are exceptions to some of Compton's outfalls that have flow but cannot be sampled. These are box-shaped outfalls. As shown below, low-flow non-stormwater discharges from box outfalls flow right onto the floor of Compton Creek. Even if Compton personnel could enter the Creek legally, it would be difficult to take a grab sample because the flow travels "flat" instead of cascading downward, which would make it easier to take a sample. This is a consequence of the box outfall design.



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