



CITY OF LOMITA MACHADO LAKE NUTRIENT TOTAL MAXIMUM DAILY LOAD MONITORING AND REPORTING PROGRAM PLAN PROGRAM PLAN

I. Compliance Approach

The City of Lomita (City) has chosen a concentration-based compliance mode for the Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (ML-NTMDL). According to Table 20, of the ML-NTMDL, permittees that chose this alternative must implement task 5, which requires:

Responsible jurisdictions whose compliance is determined as concentration based WLAs measured at end of pipe shall submit a Monitoring and Reporting Program (MRP) Plan to the Executive Officer for approval.

The MRP serves as a concentration-based compliance determinant for meeting the ML-NTMDL interim and final waste load allocations (WLAs) for total nitrogen (TN) and total phosphorous (TP).

II. Sampling Location

The City has chosen a sampling site location (storm drain) that it feels is most representative of its runoff discharges to Machado Lake (see attachment #1).

III. Sampling Method

The City has yet to determine if it will resort to grab sampling or use an auto sampler – or both. Cost, convenience, and safety would dictate the use of a battery operated auto sampler (Teledyne 6712) that will be inserted into the manhole.

IV. Sampling Frequency

Monthly samples will be taken from this location during the wet season (October 1 through April 30th) and during the dry season (May 1 to September 31). The City is opposed to conducting daily samples event of

an exceedance for either TN or TP. It takes the position that the Regional Board may not impose strict numeric limits on a permittee through the MS4 permit. Nevertheless, the City shall use monitoring data to determine if it is compliant with the WLAs and if it is not shall "adjust" its stormwater management plan to either intensify existing nutrient-targeted BMPs or implement additional ones.

V. Sampling Protocol

Sampling and analysis methodology shall be in keeping with the State Water Resources Control Board Stormwater Ambient Monitoring Program (SWAMP) protocols for nutrients and applicable USEPA guidance documents.

ATTACHMENT #1

