

LA River WQ Testing & Notification Protocol Presentation




Mas Dojiri, PhD, BCES
Assistant Director, LA Sanitation

I. Sampling & Testing

- a. Sampling & testing: Memorial Day to September 30
- b. Twice per week, instead of 5Xs/month
- c. Tabulated data will be posted at www.lacitysan.org/waterquality

II. Color-Coded Results

LA Sanitation will color-code results as follows:

	Water quality is suitable for recreational activities, but swimming is still prohibited. Test results indicate bacteria levels lower than 235 MPN, the limit for "REC-1."
	Users should exercise increased caution. Test results indicate bacteria levels between 235 MPN ("REC-1") and 576 MPN ("Limited-REC-1").
	LA River not suitable for recreational activities. Test results indicate bacteria levels exceeding 576 MPN ("Limited-REC-1").

III. REC-1 Standard Exceedance

- a. When *E. coli* levels exceed the REC-1 standard, LA Sanitation will distribute a "**Precautionary Notice**".
- b. The test results will be emailed to the distribution list

IV. Sewage Spill or LREC-1 Standard Exceedance

- a. When a sewage spill that affects the recreational zones are confirmed – OR-
- b. When single-sample test results exceed the Limited REC-1 (LREC-1) standard of 576 MPN,
- c. A "**Closure Advisory**" recommending a temporary suspension of river recreation will be shared with the following (no later than the same day the Finding of Concern is confirmed):
 - i. Relevant City Offices
 - ii. MRCA
 - iii. LA Sanitation website
 - iv. Distribution list
 - v. LACDPH website
 - vi. LA Sanitation's social media
 - vii. LA Stormwater website
 - viii. LA Sanitation & MyLA311
 - ix. Call Centers

V. Closure Advisory

- a. When a sewage spill affects the recreation zone, the Closure Advisory will remain in effect and daily sampling will commence until two consecutive samples no longer exceed the LREC-1 limit.
- b. When a sampling location exceeds the LREC-1 limit, accelerated monitoring will be initiated.

VI. Accelerated Monitoring

- a. The location will be re-sampled within 48 hours.
- b. If the re-sample exceeds the LREC-1 limit, then the station will be sampled again within another 48 hours.
- c. When a sample indicates that the location is again within the LREC-1, the Closure Advisory will be rescinded and routine (twice per week) sampling will resume.

VII. Closure of the River

- a. MRCA will enact the closure of the River.
- b. MRCA will suspend River recreation during, and for 72 hours following, a rain event.

VIII. Questions?