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INCORPORATED

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December 14, 2018

Ms. Deborah Smith
Executive Officer
California Regional Water Quality Control Board- Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention: Ms. Renee Purdy

SUBJECT: Submittal of 2017-2018 Semi Annual Report for the City of Long Beach Lower Long Beach Estuaries and Coastal San Pedro Bay Beaches Watershed, Integrated Monitoring Program (3rd Year Monitoring)

The City of Long Beach is submitting the second Semi-Annual Report for the Integrated Monitoring Program for the 2017-2018 year (3rd Year) for the Lower Long Beach Estuaries and Coastal San Pedro Bay Beaches (LBE) Watersheds. Included are monitoring data results for the period of January 1, 2018 to June 30, 2018. This data report is being submitted in the California Environmental Data Exchange Network (CEDEN) format on behalf of the City of Long Beach Estuaries and Coastal San Pedro Bay Beaches Watershed. Kinnetic Laboratories, Inc. has been contracted by the City to carry out the IMP monitoring program.

Between the reporting period of January 1 through June 30, 2018 the following events were conducted:

- KLI performed wet weather sampling on January 9, 2018 at LBE1 (Bouton), LBE2 (Termino), R8 (SGR Estuary), and LBR2 (Alamitos Bridge) for chemistry. However, there were communication problems with the flow sensor at LBE2 so only bacteria grab samples were analyzed at that site. Toxicity was performed on both the R8 and LBR2 samples.

- KLI performed wet weather sampling on March 2 - 3, 2018 at LBE1, LBE2, R8, and LBR2 for chemistry. No toxicity testing was performed.

- KLI performed wet weather sampling on March 10 - 11, 2018 at LBE1, LBE2, R8, and LBR2 for chemistry. Toxicity testing was performed for both R8 and LBR2.

- KLI performed wet weather sampling on March 22, 2018 at LBE1, LBE2, R8, and LBR2 for chemistry. No toxicity testing was performed.

- KLI performed dry weather sampling on May 22, 2018 at LBE1, LBE2, R8, and LBR2. However, LBE1 was dry and LBE2 was saline so sampling could not be done at those sites.

- Also included for this reporting period is the City of Long Beach weekly Shoreline Bacteria Monitoring Data.

This information is submitted pursuant to Part XIV.L of the Monitoring and Reporting Program of the Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit (NPDES Permit No. CAS004001; Order No. R4-2012-0175). The second associated data deliverable file is a ZIP file with all the Semi-Annual

data included as EXCEL files for the period of January 1, 2018 to June 30, 2018 for the City of Long Beach Estuaries and Coastal San Pedro Bay Beaches Watershed IMP program.

If you have any questions, please contact me at 831-457-3950 or kkronsch@kinneticlabs.net

Sincerely,

Kenneth Kronschnabl
Principal Scientist/CFO
Kinnetic Laboratories, Inc.

CC: City of Long Beach
Los Angeles County Flood Control District.
John L. Hunter & Associates