



EDMUND G. BROWN JR.  
GOVERNOR

MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## Los Angeles Regional Water Quality Control Board

April 30, 2014

Mr. Enrique C. Zaldivar  
Director, Bureau of Sanitation  
City of Los Angeles  
1149 South Broadway Street, 9<sup>th</sup> Floor  
Los Angeles, CA 90015

### REVISION OF OCEAN MONITORING AND REPORTING PROGRAM FOR HYPERION TREATMENT PLANT (NPDES No. CA0109991, Order No. R4-2010-0200, CI-1492)

Dear Mr. Zaldivar:

We have reviewed your letter dated April 3, 2014, requesting revisions to the NPDES-mandated monitoring for the Hyperion Treatment Plant to exchange the effort required to collect and process samples from 6 of the 21 off-shore sampling stations in order to support the Bight '13 monitoring effort. Your letter outlines the proposed resource exchanges for the offshore water quality monitoring. The proposal is acceptable and the duration of this exchange shall be for eight quarterly surveys from May 2014 through February 2016.

We appreciate your continued participation in the Bight'13 comprehensive monitoring program for the Southern California Bight. If you have any questions about the monitoring program requirements, please telephone Michael Lyons at (213) 576-6718.

Sincerely,

A handwritten signature in blue ink that reads "Samuel Unger".

Samuel Unger, P.E.  
Executive Officer

cc: Terry Fleming, United State Environmental Protection Agency  
Traci Minamide, Bureau of Sanitation  
Varouj Abkian, Bureau of Sanitation  
Kay Yamamoto, Bureau of Sanitation  
Steve Fan, Hyperion Treatment Plant  
Roshanak Aflaki, Terminal Island Water Reclamation Plant  
Masahiro Dojiri, Environmental Monitoring Division  
Jeffrey Beller, Environmental Monitoring Division

**OFFSHORE WATER QUALITY (NUTRIENTS) MONITORING**

<b>Bight '13 Effort</b>	<b>HTP Resources to be Exchanged</b>
<p>8 stations equally distributed among 4 transects of the Central Bight Cooperative Water Quality Survey (CBCWQS) will be sampled at 2 depths (near-surface and near-bottom) each for pH and alkalinity (as aragonite saturation state). 4 additional stations, 1 station on each of the same transects, will be sampled at 3 depths (near-surface, near-bottom, and thermocline) for the same analytes. This sampling effort will occur over eight quarters from May 2014 through February 2016. The total samples collected will be 224 that will be split for two tests (pH and alkalinity), totaling 448 tests. Sampling will occur during routine scheduled CBCWQS.</p> <p>Stations to be sampled for B'13:</p> <p>3202 3205 3206 3502 2505 3506 3802 3804 3806 4002 4004 4006</p> <p>This atypical effort will require additional staff and/or staff hours to perform additional sampling and new methodologies for processing in field and analyses in laboratory relative to what is proposed for exchange.</p>	<p>6 of the 21 discrete water stations sampled as part of the CBCWQS at 4 depths for ammonia-N, total and fecal coliforms, and <i>Enterococcus</i>. The 6 stations, listed below, generally have values below detection limits for all analytes measured as they are considered either reference or farfield.</p> <p>Stations to be exchanged:</p> <p>3204 3205 3804 3805 3904 4003</p> <p>The duration of the proposed exchange matches that of the Bight '13 effort (i.e., 8 quarterly surveys from May 2014 through February 2016).</p> <p>The total number of samples to be exchanged is 192 samples, split for 768 total tests.</p> <p>The remaining components of the CBCWQS will continue throughout the Bight'13 effort; 54 CTD stations, including 15 of 21 routine discrete water stations (the most proximal to the 5-Mile Outfall nearfield) sampled at 4 depths for ammonia-N, total and fecal coliforms, and <i>Enterococcus</i>.</p>