

ENVIRONMENTAL MONITORING DIVISION
BIOLOGY SECTION - MICROBIOLOGY UNIT

Hyperion Plant Overflow Response

Additional Sampling

14-Jul-21

Sample Date	Sample Time	Sample Location	Total Coliforms MPN/100 mL	<i>E. coli</i> MPN/100 mL	Enterococcus MPN/100 mL
Water Quality Standard:			10,000	400	104

One-Mile Outfall

7/14/21	8:21 AM	A2-Surface	280	230	<10
7/14/21	8:32 AM	A2-Depth	41	<10	<10
7/14/21	9:20 AM	A2-Surface (50m Upcoast)	<10	<10	<10
7/14/21	9:37 AM	A2-Depth (50m Upcoast)	<10	<10	<10
7/14/21	8:40 AM	A2-Surface (50m Downcoast)	10	<10	<10
7/14/21	8:46 AM	A2-Depth (50m Downcoast)	20	<10	<10

Five-Mile Outfall

7/14/21	10:32 AM	3506-Surface	<10	<10	<10
7/14/21	10:41 AM	3506-Depth	<10	<10	<10
7/14/21	10:58 AM	3505B-Surface	<10	<10	<10
7/14/21	11:13 AM	3505B-Depth	<10	<10	<10
7/14/21	11:30 AM	3504-Surface	<10	<10	<10
7/14/21	11:38 AM	3504-Depth	<10	<10	<10

Shoreline

7/14/21	9:05 AM	7 miles up coast/north	230	320	41
7/14/21	8:32 AM	5 miles up coast/north	10	10	<10
7/14/21	12:18 PM	3 miles up coast/north*	20000	340	<10
7/14/21	7:57 AM	1 miles up coast/north	20	10	<10
7/14/21	8:03 AM	0.5 miles up coast/north	20	10	10
7/14/21	8:09 AM	100 meters up coast/north	110	<10	<10
7/14/21	8:15 AM	Shoreline at the 1-Mile Outfall pipe	41	10	<10
7/14/21	8:25 AM	100 meters down coast/south	41	20	20
7/14/21	8:32 AM	0.5 miles down coast/south	20	<10	<10
7/14/21	8:40 AM	1 miles down coast/south	10	<10	<10
7/14/21	8:58 AM	3 miles down coast/south	20	10	<10
7/14/21	9:12 AM	5 miles down coast/south	<10	<10	<10
7/14/21	9:33 AM	7 miles down coast/south	300	<10	<10

*This sampling station is located on Dockweiler Beach adjacent to the Ballona Creek Jetty, the mouth of Ballona Creek, and the Marina del Rey Harbor, which is subject to many sources of total coliform. Total coliforms are ubiquitous in nature and do not pose an immediate risk to public health.

Sampled and Analyzed by: Lindsey Jeans-Shaw, Josh Silva, and Jalissa Salazar

Marine Waters Designated for Water Contact Recreation (REC-1) - MPN/100 mL

Total Coliform	E. Coli	Enterococcus
1.0 x 10 ⁴	400	104

Note: Samples analyzed by Standards Methods SM9223B and SM9230D (APHA 2012)