

ENVIRONMENTAL MONITORING DIVISION  
BIOLOGY SECTION - MICROBIOLOGY UNIT

**Hyperion Plant Overflow Response**

Additional Sampling

**12-Jul-21**

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

**One-Mile Outfall**

7/12/21	12:02 PM	A2-Surface	97	<10	41
7/12/21	12:02 PM	A2-Depth	640	96	74
7/12/21	12:39 PM	A2-Surface (50m Upcoast)	20	<10	63
7/12/21	12:39 PM	A2-Depth (50m Upcoast)	960	310	74
7/12/21	12:57 PM	A2-Surface (50m Downcoast)	41	<10	62
7/12/21	12:57 PM	A2-Depth (50m Downcoast)	200	31	41

**Five-Mile Outfall**

7/12/21	1:58 PM	3506-Surface	<10	<10	<10
7/12/21	1:58 PM	3506-Depth	<10	<10	<10
7/12/21	2:24 PM	3505B-Surface	<10	<10	<10
7/12/21	2:24 PM	3505B-Depth	<10	<10	<10
7/12/21	2:55 PM	3504-Surface	<10	<10	<10
7/12/21	2:55 PM	3504-Depth	<10	<10	<10

**Shoreline**

7/12/21	11:25 AM	7 miles up coast/north*	640	390	10
7/12/21	11:08 AM	5 miles up coast/north	52	<10	10
7/12/21	10:39 AM	3 miles up coast/north	1800	31	20
7/12/21	10:28 AM	1 miles up coast/north	31	<10	10
7/12/21	10:23 AM	0.5 miles up coast/north	460	63	74
7/12/21	10:17 AM	100 meters up coast/north	230	31	10
7/12/21	9:50 AM	Shoreline at the 1-Mile Outfall pipe	63	10	52
7/12/21	9:56 AM	100 meters down coast/south	<10	<10	<10
7/12/21	10:04 AM	0.5 miles down coast/south	<10	<10	10
7/12/21	10:23 AM	1 miles down coast/south	<10	<10	<10
7/12/21	10:37 AM	3 miles down coast/south	<10	<10	<10
7/12/21	11:00 AM	5 miles down coast/south	160	20	<10
7/12/21	11:20 AM	7 miles down coast/south	86	<10	10

\*location north of Santa Monica Pier known to have high counts

Sampled and Analyzed by: Nic Galliani, Lindsey Jeans-Shaw, and Jalissa Salazar

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

Total Coliform	E. Coli	Enterococcus
1.0 x 10 <sup>4</sup>	400	104

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