

ENVIRONMENTAL MONITORING DIVISION  
BIOLOGY SECTION - MICROBIOLOGY UNIT

**Hyperion Plant Overflow Response**  
Additional Sampling  
**13-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**

7/13/21	9:19 AM	A2-Surface	<10	<10	<10
7/13/21	9:25 AM	A2-Depth	31	<10	<10
7/13/21	9:52 AM	A2-Surface (50m Upcoast)	<10	<10	10
7/13/21	9:55 AM	A2-Depth (50m Upcoast)	<10	<10	<10
7/13/21	9:40 AM	A2-Surface (50m Downcoast)	20	<10	10
7/13/21	9:45 AM	A2-Depth (50m Downcoast)	110	52	<10

**Five-Mile Outfall**

7/13/21	10:41 AM	3506-Surface	<10	<10	<10
7/13/21	10:45 AM	3506-Depth	<10	<10	<10
7/13/21	11:04 AM	3505B-Surface	<10	<10	<10
7/13/21	11:10 AM	3505B-Depth	<10	<10	<10
7/13/21	11:29 AM	3504-Surface	<10	<10	<10
7/13/21	11:34 AM	3504-Depth	<10	<10	<10

**Shoreline**

7/13/21	10:02 AM	7 miles up coast/north*	640	540**	86
7/13/21	9:08 AM	5 miles up coast/north	20	<10	<10
7/13/21	8:00 AM	3 miles up coast/north	1400	<10	<10
7/13/21	8:02 AM	1 miles up coast/north	20	10	10
7/13/21	7:52 AM	0.5 miles up coast/north	85	20	10
7/13/21	8:45 AM	100 meters up coast/north	210	20	10
7/13/21	8:52 AM	Shoreline at the 1-Mile Outfall pipe	250	160	10
7/13/21	8:55 AM	100 meters down coast/south	63	<10	<10
7/13/21	9:03 AM	0.5 miles down coast/south	41	10	<10
7/13/21	9:10 AM	1 miles down coast/south	10	10	<10
7/13/21	9:28 AM	3 miles down coast/south	<10	<10	<10
7/13/21	9:41 AM	5 miles down coast/south	<10	<10	<10
7/13/21	10:04 AM	7 miles down coast/south	20	<10	<10

\*location at Santa Monica Pier (just north of) and known to have high counts

Sampled and Analyzed by: Nic Galliani, 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 <sup>4</sup>	400	104

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