

Orange County Sanitation District  
 Surfzone Bacteriology Monitoring  
 Enterococci Bacteria (CFU/100mL)  
 Daily Monitoring Data  
 January 2019

| Date | OSB02 | OSB03 | OSB05 | OSB04 | OSB01 | OSUB1 | 39N | 33N | BCO-1 | 27N | HB1D | HB2U | HB2  | HB2D | HB3D | 21N | HB4U | HB4  | HB4D |  |
|------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-----|------|------|------|------|------|-----|------|------|------|--|
| 1/1  |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/2  | 6     | 2     | 2     | 4     | <2    | <2    | <2  | 60  | <2    | 14  | <2   |      |      | 2    | 194  | 4   |      |      | 16   |  |
| 1/3  | 14    |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/4  |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/5  |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/6  |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/7  |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/8  | 78    | 44    | 86    | 56    | 62    | 2     | 4   | 20  | <2    | 8   | 2    |      |      | 8    | 4    | 4   |      |      | 2    |  |
| 1/9  | 30    |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/10 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/11 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/12 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/13 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/14 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/15 | 210   | 132   | 196   | 80    | 18    | 14    | 8   | 20  | 20    | 28  | 36   | 44   | >400 | 40   | 46   | 46  | 56   | >400 | 40   |  |
| 1/16 | >400  |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/17 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/18 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/19 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/20 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/21 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/22 | 64    | 32    | 6     | 4     | 6     | 6     | 6   | 4   | <2    | 4   | 8    |      |      | <2   | 2    | 20  |      |      | 16   |  |
| 1/23 | 106   |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/24 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/25 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/26 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/27 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/28 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |
| 1/29 | 6     | 12    | 30    | <2    | <2    | 2     | 2   | 14  | 10    | 356 | 8    |      |      | 8    | 2    | <2  |      |      | <2   |  |
| 1/30 | 60    |       |       |       |       |       |     |     |       | <2  |      |      |      |      |      |     |      |      |      |  |
| 1/31 |       |       |       |       |       |       |     |     |       |     |      |      |      |      |      |     |      |      |      |  |

R - Samples influenced by rain.  
 S - Samples influenced by Santa Ana River or D2 Flood Control Channel.  
 CONF - Confluence  
 LA - Laboratory Accident  
 NR - No Results.  
 NT - Sample Not Taken  
 Santa Ana River (SAR) and D2 Flood Control Channel (D2) are runoff samples taken in addition to required stations.

| HB5U | HB5  | HB5D | 15N | 9N        | 6N         | 3N         | 0            | AR-N | TM   | 3S        | 6S | 9S | 15S | 21S | 27S | 29S       | BGCU | BGC  | BGCD |  |
|------|------|------|-----|-----------|------------|------------|--------------|------|------|-----------|----|----|-----|-----|-----|-----------|------|------|------|--|
|      |      | <2   | 2   | <2        | <2         | 4          | 6            | 10   |      |           |    |    |     |     |     |           |      |      |      |  |
|      |      |      |     | <2        | 6          | 2          | 6            |      | <2   | >400<br>2 | 4  | <2 | <2  | <2  | <2  | >400<br>2 | 6    | 80   | 2    |  |
|      |      | 22   | 10  | 6<br>2    | 8<br>12    | 14<br>6    | 8<br>10      | 4    |      |           |    |    |     |     |     |           |      |      |      |  |
|      |      |      |     |           |            |            |              |      | 36   | 6         | 14 | 12 | <2  | <2  | <2  | 2         | 26   | 112  | 4    |  |
| 46   | >400 | 256  | 26  | 8<br>>400 | 22<br>>400 | 46<br>>400 | >400<br>>400 | >400 |      |           |    |    |     |     |     |           |      |      |      |  |
|      |      |      |     |           |            |            |              |      | >400 | 18        | 14 | 38 | 72  | 184 | 42  | 242       | >400 | >400 | >400 |  |
|      |      | 10   | 10  | 2<br>10   | 8<br>2     | 18<br>40   | 18<br>30     | 8    |      |           |    |    |     |     |     |           |      |      |      |  |
|      |      |      |     |           |            |            |              |      | 44   | 38        | 64 | <2 | 6   | 6   | 2   | 4         | 16   | 74   | 8    |  |
|      |      | 6    | <2  | 6<br>34   | 28<br>48   | 8<br>66    | 34<br>44     | 32   |      |           |    |    |     |     |     |           |      |      |      |  |
|      |      |      |     |           |            |            |              |      | 36   | 6         | 20 | 14 | 32  | 8   | 2   | 16        | 14   | 84   | 6    |  |

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| PPCU | PPC  | PPCD | 39S | WFCU | WFC  | WFCD | ONB39 | MDCU | MDC  | MDCD | ELMOROU | ELMORO | ELMOROD |
|------|------|------|-----|------|------|------|-------|------|------|------|---------|--------|---------|
|      |      | 2    | <2  | 2    | 30   | <2   | <2    | 2    | 94   | <2   |         |        | <2      |
| <2   | >400 | <2   | <2  | 2    | 52   | <2   | <2    | <2   | 38   | <2   |         |        | <2      |
| 224  | >400 | 56   | 84  | 226  | >400 | 82   | >400  | 236  | >400 | >400 | 202     | >400   | 110     |
|      |      | <2   | <2  | <2   | 226  | <2   | <2    | <2   | 78   | <2   |         |        | <2      |
|      |      | <2   | 8   | <2   | 76   | 2    | 4     | <2   | 40   | <2   |         |        | <2      |

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