

## Appendix E

### Table 1: Single Sample Analysis

|   | Time Period Analyzed         | Constituent         | Average | Median  | Max      | Min   | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|------------------------------|---------------------|---------|---------|----------|-------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 - July 2007     | Total Coliform      | 283.45  | 20.00   | 17329.00 | 10.00 | 1667.39            | 2                | 223         | 0.90%    |
|   |                              | Fecal Coliform      | 17.25   | 10.00   | 805.00   | 10.00 | 54.67              | 1                | 223         | 0.45%    |
|   |                              | <i>enterococcus</i> | 23.82   | 10.00   | 2005.00  | 10.00 | 134.99             | 5                | 223         | 2.24%    |
|   |                              | Fecal to Coliform   | 0.58    | 0.50    | 1.00     | 0.00  | 0.40               | 1                | 223         | 0.45%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 5                | 223         | 2.24%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 - July 2007     | Total Coliform      | 283.45  | 20.00   | 17329.00 | 10.00 | 1667.39            | 2                | 223         | 0.90%    |
|   |                              | Fecal Coliform      | 397.84  | 67.00   | 13000.00 | 67.00 | 1394.00            | 21               | 188         | 11.17%   |
|   |                              | <i>enterococcus</i> | 146.95  | 10.00   | 2000.00  | 9.00  | 423.67             | 28               | 188         | 14.89%   |
|   |                              | Fecal to Coliform   | 0.29    | 0.12    | 1.00     | 0.01  | 0.35               | 14               | 188         | 7.45%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 51               | 188         | 27.13%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 - July 2007     | Total Coliform      | 4058.79 | 1200.00 | 13000.00 | 67.00 | 4976.39            | 204              | 967         | 21.10%   |
|   |                              | Fecal Coliform      | 504.11  | 67.00   | 13000.00 | 67.00 | 1733.26            | 139              | 967         | 14.37%   |
|   |                              | <i>enterococcus</i> | 172.40  | 20.00   | 13000.00 | 9.00  | 599.04             | 168              | 967         | 17.37%   |
|   |                              | Fecal to Coliform   | 0.58    | 0.50    | 1.00     | 0.00  | 0.40               | 1                | 223         | 0.45%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 288              | 967         | 29.78%   |
| <b>Leo Carillo Beach</b>                            | January 2005 - February 2009 | Total Coliform      | 1102.66 | 36.00   | 24196.00 | 10.00 | 3396.73            | 5                | 208         | 2.40%    |
|   |                              | Fecal Coliform      | 25.35   | 10.00   | 183.00   | 10.00 | 36.23              | 0                | 104         | 0.00%    |
|   |                              | <i>enterococcus</i> | 81.49   | 10.00   | 5475.00  | 10.00 | 399.83             | 23               | 208         | 11.06%   |
|   |                              | Fecal to Coliform   | 0.63    | 1.00    | 1.00     | 0.00  | 0.42               | 0                | 104         | 0.00%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 27               | 208         | 12.98%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 - July 2007     | Total Coliform      | 3444.50 | 458.50  | 24192.00 | 10.00 | 7243.03            | 19               | 156         | 12.18%   |
|   |                              | Fecal Coliform      | 1381.97 | 111.00  | 24192.00 | 10.00 | 4353.07            | 41               | 156         | 26.28%   |
|   |                              | <i>enterococcus</i> | 196.51  | 20.00   | 2005.00  | 10.00 | 490.10             | 26               | 140         | 18.57%   |
|   |                              | Fecal to Coliform   | 0.58    | 0.50    | 1.00     | 0.00  | 0.40               | 1                | 223         | 0.45%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 50               | 156         | 32.05%   |
| <b>Surfers Knoll</b>                                | January 2003 - July 2007     | Total Coliform      | 1454.96 | 120.00  | 24192.00 | 10.00 | 4128.06            | 9                | 229         | 3.93%    |
|   |                              | Fecal Coliform      | 63.33   | 10.00   | 4541.00  | 10.00 | 368.98             | 4                | 229         | 1.75%    |
|   |                              | <i>enterococcus</i> | 42.80   | 10.00   | 2005.00  | 10.00 | 164.14             | 13               | 229         | 5.68%    |
|   |                              | Fecal to Coliform   | 0.58    | 0.50    | 1.00     | 0.00  | 0.40               | 1                | 223         | 0.45%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 19               | 229         | 8.30%    |
| <b>Surfers Point</b>                                | January 2005 - July 2007     | Total Coliform      | 2317.92 | 605.00  | 24192.00 | 10.00 | 4921.47            | 13               | 227         | 5.73%    |
|   |                              | Fecal Coliform      | 88.57   | 20.00   | 4352.00  | 10.00 | 349.03             | 8                | 227         | 3.52%    |
|   |                              | <i>enterococcus</i> | 54.34   | 10.00   | 2005.00  | 10.00 | 226.87             | 12               | 227         | 5.29%    |
|   |                              | Fecal to Coliform   | 0.58    | 0.50    | 1.00     | 0.00  | 0.40               | 1                | 223         | 0.45%    |
|   |                              | Exceedance Day      | N/A     | N/A     | N/A      | N/A   | N/A                | 18               | 227         | 7.93%    |

**Table 2: Calendar Month Geometric Mean (No Qualifier)**

|   | Time Period Analyzed            | Constituent         | Average | Median | Max      | Min   | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|---------------------------------|---------------------|---------|--------|----------|-------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 -<br>July 2007     | Total Coliform      | 95.61   | 31.77  | 2675.23  | 10.00 | 360.50             | 1                | 54          | 1.85%    |
|   |                                 | Fecal Colifom       | 12.27   | 10.00  | 24.80    | 10.00 | 3.81               | 0                | 54          | 0.00%    |
|   |                                 | <i>enterococcus</i> | 12.49   | 10.00  | 37.01    | 10.00 | 5.25               | 1                | 54          | 1.85%    |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 1                | 54          | 1.85%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 -<br>July 2007     | Total Coliform      | 2040.10 | 735.51 | 9915.64  | 67.00 | 2465.12            | 20               | 49          | 40.82%   |
|   |                                 | Fecal Colifom       | 136.13  | 96.13  | 569.06   | 67.00 | 99.83              | 7                | 49          | 14.29%   |
|   |                                 | <i>enterococcus</i> | 55.35   | 25.57  | 522.11   | 10.00 | 92.56              | 15               | 49          | 30.61%   |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 28               | 49          | 57.14%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 -<br>July 2007     | Total Coliform      | 1899.38 | 956.13 | 7915.38  | 67.00 | 1897.01            | 24               | 49          | 48.98%   |
|   |                                 | Fecal Colifom       | 145.35  | 101.71 | 513.47   | 67.00 | 105.82             | 6                | 49          | 12.24%   |
|   |                                 | <i>enterococcus</i> | 48.29   | 23.75  | 396.35   | 10.00 | 68.69              | 14               | 49          | 28.57%   |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 29               | 49          | 59.18%   |
| <b>Leo Carillo Beach</b>                            | January 2005 -<br>February 2009 | Total Coliform      | 355.43  | 31.44  | 3267.06  | 10.00 | 728.81             | 5                | 48          | 10.42%   |
|   |                                 | Fecal Colifom       | 17.49   | 13.27  | 45.21    | 10.00 | 9.72               | 0                | 25          | 0.00%    |
|   |                                 | <i>enterococcus</i> | 33.54   | 13.27  | 517.60   | 10.00 | 76.09              | 9                | 48          | 18.75%   |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 10               | 48          | 20.83%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 -<br>July 2007     | Total Coliform      | 848.11  | 586.78 | 3342.85  | 83.06 | 827.51             | 9                | 30          | 30.00%   |
|   |                                 | Fecal Colifom       | 171.25  | 130.91 | 686.29   | 11.40 | 164.39             | 9                | 30          | 30.00%   |
|   |                                 | <i>enterococcus</i> | 38.84   | 27.88  | 113.73   | 10.00 | 27.16              | 12               | 30          | 40.00%   |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 19               | 30          | 63.33%   |
| <b>Surfers Knoll</b>                                | January 2003 -<br>July 2007     | Total Coliform      | 600.64  | 111.01 | 7342.82  | 17.46 | 1306.76            | 8                | 53          | 15.09%   |
|   |                                 | Fecal Colifom       | 21.83   | 14.23  | 114.28   | 10.00 | 21.69              | 0                | 53          | 0.00%    |
|   |                                 | <i>enterococcus</i> | 18.95   | 12.54  | 68.87    | 10.00 | 13.68              | 5                | 53          | 9.43%    |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 10               | 53          | 18.87%   |
| <b>Surfers Point</b>                                | January 2005 -<br>July 2007     | Total Coliform      | 1254.88 | 604.02 | 21920.90 | 69.74 | 2983.94            | 19               | 53          | 35.85%   |
|   |                                 | Fecal Colifom       | 37.69   | 20.85  | 330.10   | 10.00 | 48.43              | 1                | 53          | 1.89%    |
|   |                                 | <i>enterococcus</i> | 26.24   | 14.40  | 445.53   | 10.00 | 59.81              | 5                | 53          | 9.43%    |
|   |                                 | Any Indicator       | N/A     | N/A    | N/A      | N/A   | N/A                | 21               | 53          | 39.62%   |

**Table 3: Rolling 30-day Geometric Mean (5 Samples or Greater and Daily Calculation)**

|   | Time Period Analyzed            | Constituent         | Average | Median  | Max      | Min    | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|---------------------------------|---------------------|---------|---------|----------|--------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 -<br>July 2007     | Total Coliform      | 53.75   | 33.66   | 488.02   | 10.00  | 62.69              | 0                | 411         | 0.00%    |
|   |                                 | Fecal Colifom       | 13.19   | 11.49   | 49.91    | 10.00  | 5.55               | 0                | 411         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 13.04   | 10.00   | 32.27    | 10.00  | 5.48               | 0                | 411         | 0.00%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 0                | 411         | 0.00%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 -<br>July 2007     | Total Coliform      | 2039.46 | 819.01  | 13000.00 | 181.72 | 2614.65            | 110              | 252         | 43.65%   |
|   |                                 | Fecal Colifom       | 127.18  | 96.13   | 633.35   | 67.00  | 86.90              | 30               | 252         | 11.90%   |
|   |                                 | <i>enterococcus</i> | 30.74   | 19.25   | 237.28   | 9.79   | 30.27              | 72               | 252         | 28.57%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 148              | 252         | 58.73%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 -<br>July 2007     | Total Coliform      | 1873.17 | 1094.13 | 13000.00 | 76.50  | 1820.55            | 770              | 1469        | 52.42%   |
|   |                                 | Fecal Colifom       | 144.77  | 102.53  | 1011.26  | 67.00  | 118.32             | 216              | 1469        | 14.70%   |
|   |                                 | <i>enterococcus</i> | 42.72   | 23.24   | 396.35   | 10.00  | 52.10              | 442              | 1469        | 30.09%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 904              | 1489        | 60.71%   |
| <b>Leo Carillo Beach</b>                            | January 2005 -<br>February 2009 | Total Coliform      | 738.26  | 101.26  | 5575.39  | 10.00  | 1037.86            | 139              | 474         | 29.32%   |
|   |                                 | Fecal Colifom       | 18.56   | 16.63   | 49.89    | 10.00  | 7.91               | 0                | 215         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 34.29   | 16.80   | 339.68   | 10.00  | 38.35              | 141              | 474         | 29.75%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 332              | 1466        | 22.65%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 -<br>July 2007     | Total Coliform      | 1003.43 | 735.25  | 5397.05  | 72.51  | 840.92             | 155              | 428         | 36.21%   |
|   |                                 | Fecal Colifom       | 236.08  | 192.59  | 1320.74  | 11.11  | 197.19             | 210              | 428         | 49.07%   |
|   |                                 | <i>enterococcus</i> | 43.57   | 33.90   | 126.19   | 10.00  | 26.96              | 168              | 342         | 49.12%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 483              | 875         | 55.20%   |
| <b>Surfers Knoll</b>                                | January 2003 -<br>July 2007     | Total Coliform      | 999.18  | 208.99  | 8453.26  | 11.49  | 1825.27            | 133              | 529         | 25.14%   |
|   |                                 | Fecal Colifom       | 25.27   | 17.50   | 114.28   | 10.00  | 19.31              | 0                | 529         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 21.98   | 15.82   | 72.53    | 10.00  | 15.80              | 69               | 529         | 13.04%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 284              | 1570        | 18.09%   |
| <b>Surfers Point</b>                                | January 2005 -<br>July 2007     | Total Coliform      | 1050.16 | 889.69  | 4983.75  | 64.11  | 847.63             | 217              | 492         | 44.11%   |
|   |                                 | Fecal Colifom       | 35.97   | 27.98   | 207.95   | 10.00  | 24.34              | 2                | 492         | 0.41%    |
|   |                                 | <i>enterococcus</i> | 19.88   | 16.03   | 131.82   | 10.00  | 12.70              | 38               | 492         | 7.72%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 567              | 1577        | 35.95%   |

**Table 4: Rolling 30-day Geometric Mean (No Qualifier)**

|   | Time Period Analyzed         | Constituent         | Average | Median  | Max      | Min   | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|------------------------------|---------------------|---------|---------|----------|-------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 - July 2007     | Total Coliform      | 145.74  | 30.87   | 17329.00 | 10.00 | 1155.25            | 21               | 1606        | 1.31%    |
|   |                              | Fecal Colifom       | 12.22   | 10.00   | 49.91    | 10.00 | 4.07               | 0                | 1606        | 0.00%    |
|   |                              | <i>enterococcus</i> | 12.97   | 10.00   | 137.00   | 10.00 | 9.86               | 38               | 1606        | 2.37%    |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 38               | 1606        | 2.37%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 - July 2007     | Total Coliform      | 2121.87 | 870.76  | 13000.00 | 67.00 | 2818.75            | 678              | 1478        | 45.87%   |
|   |                              | Fecal Colifom       | 155.99  | 93.33   | 3700.00  | 67.00 | 255.44             | 259              | 1478        | 17.52%   |
|   |                              | <i>enterococcus</i> | 64.47   | 21.46   | 2000.00  | 9.74  | 184.32             | 489              | 1478        | 33.09%   |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 859              | 1478        | 58.12%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 - July 2007     | Total Coliform      | 1901.70 | 1085.54 | 13000.00 | 67.00 | 1948.06            | 776              | 1489        | 52.12%   |
|   |                              | Fecal Colifom       | 146.85  | 102.27  | 1179.83  | 67.00 | 127.06             | 222              | 1489        | 14.91%   |
|   |                              | <i>enterococcus</i> | 42.40   | 23.12   | 379.75   | 10.00 | 51.68              | 445              | 1489        | 29.89%   |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 904              | 1489        | 60.71%   |
| <b>Leo Carillo Beach</b>                            | January 2005 - February 2009 | Total Coliform      | 338.06  | 30.45   | 5575.39  | 10.00 | 710.09             | 169              | 1466        | 11.53%   |
|   |                              | Fecal Colifom       | 16.84   | 14.23   | 62.71    | 10.00 | 9.10               | 0                | 756         | 0.00%    |
|   |                              | <i>enterococcus</i> | 24.50   | 13.27   | 339.68   | 10.00 | 28.90              | 268              | 1466        | 18.28%   |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 332              | 1466        | 22.65%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 - July 2007     | Total Coliform      | 854.11  | 542.21  | 5397.05  | 46.17 | 925.23             | 258              | 875         | 29.49%   |
|   |                              | Fecal Colifom       | 179.02  | 103.17  | 1523.95  | 10.91 | 210.46             | 281              | 875         | 32.11%   |
|   |                              | <i>enterococcus</i> | 41.87   | 27.66   | 290.19   | 10.00 | 42.39              | 347              | 875         | 39.66%   |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 483              | 875         | 55.20%   |
| <b>Surfers Knoll</b>                                | January 2003 - July 2007     | Total Coliform      | 612.12  | 123.57  | 9679.65  | 11.49 | 1361.84            | 241              | 1570        | 15.35%   |
|   |                              | Fecal Colifom       | 22.24   | 14.40   | 308.80   | 10.00 | 26.75              | 7                | 1570        | 0.45%    |
|   |                              | <i>enterococcus</i> | 19.98   | 13.27   | 325.98   | 10.00 | 24.71              | 130              | 1570        | 8.28%    |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 284              | 1570        | 18.09%   |
| <b>Surfers Point</b>                                | January 2005 - July 2007     | Total Coliform      | 1197.69 | 640.22  | 24192.00 | 42.98 | 2758.63            | 509              | 1577        | 32.28%   |
|   |                              | Fecal Colifom       | 40.47   | 22.45   | 779.82   | 10.00 | 76.75              | 30               | 1577        | 1.90%    |
|   |                              | <i>enterococcus</i> | 32.87   | 14.32   | 2005.00  | 10.00 | 144.15             | 153              | 1577        | 9.70%    |
|   |                              | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 567              | 1577        | 35.95%   |

**Table 5: Rolling 30-day Geometric Mean (5 Samples or Greater and Sampled Day Calculation)**

|   | Time Period Analyzed            | Constituent         | Average | Median  | Max      | Min    | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|---------------------------------|---------------------|---------|---------|----------|--------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 -<br>July 2007     | Total Coliform      | 52.45   | 32.46   | 488.02   | 10.00  | 64.11              | 0                | 194         | 0.00%    |
|   |                                 | Fecal Colifom       | 12.25   | 10.00   | 38.18    | 10.00  | 3.78               | 0                | 194         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 12.23   | 10.00   | 32.27    | 10.00  | 4.34               | 0                | 194         | 0.00%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 0                | 194         | 0.00%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 -<br>July 2007     | Total Coliform      | 2039.46 | 819.01  | 13000.00 | 181.72 | 2619.87            | 55               | 126         | 43.65%   |
|   |                                 | Fecal Colifom       | 127.18  | 96.13   | 633.35   | 67.00  | 87.08              | 15               | 126         | 11.90%   |
|   |                                 | <i>enterococcus</i> | 30.74   | 19.25   | 237.28   | 9.79   | 30.33              | 36               | 126         | 28.57%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 74               | 126         | 58.73%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 -<br>July 2007     | Total Coliform      | 1980.41 | 1151.95 | 13000.00 | 76.50  | 1890.91            | 508              | 940         | 54.04%   |
|   |                                 | Fecal Colifom       | 150.53  | 105.19  | 1011.26  | 67.00  | 120.72             | 153              | 940         | 16.28%   |
|   |                                 | <i>enterococcus</i> | 44.69   | 24.02   | 396.35   | 10.00  | 54.63              | 295              | 940         | 31.38%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 593              | 940         | 63.09%   |
| <b>Leo Carillo Beach</b>                            | January 2005 -<br>February 2009 | Total Coliform      | 428.15  | 35.14   | 3591.92  | 10.00  | 747.08             | 27               | 160         | 16.88%   |
|   |                                 | Fecal Colifom       | 17.47   | 14.43   | 49.89    | 10.00  | 8.53               | 0                | 78          | 0.00%    |
|   |                                 | <i>enterococcus</i> | 27.24   | 13.91   | 339.68   | 10.00  | 36.79              | 30               | 160         | 18.75%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 41               | 160         | 25.63%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 -<br>July 2007     | Total Coliform      | 914.62  | 809.72  | 3108.43  | 72.51  | 655.48             | 46               | 118         | 38.98%   |
|   |                                 | Fecal Colifom       | 218.09  | 192.89  | 686.29   | 11.11  | 155.02             | 57               | 118         | 48.31%   |
|   |                                 | <i>enterococcus</i> | 44.66   | 37.25   | 116.15   | 10.00  | 27.58              | 49               | 94          | 52.13%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 83               | 118         | 70.34%   |
| <b>Surfers Knoll</b>                                | January 2003 -<br>July 2007     | Total Coliform      | 540.75  | 128.58  | 8218.99  | 11.49  | 1211.77            | 27               | 199         | 13.57%   |
|   |                                 | Fecal Colifom       | 19.52   | 15.16   | 76.14    | 10.00  | 13.07              | 0                | 199         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 17.51   | 13.32   | 60.29    | 10.00  | 10.65              | 12               | 199         | 6.03%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 30               | 199         | 15.08%   |
| <b>Surfers Point</b>                                | January 2005 -<br>July 2007     | Total Coliform      | 810.66  | 596.68  | 4983.75  | 64.11  | 698.49             | 55               | 190         | 28.95%   |
|   |                                 | Fecal Colifom       | 30.64   | 23.05   | 207.95   | 10.00  | 22.78              | 1                | 190         | 0.53%    |
|   |                                 | <i>enterococcus</i> | 18.61   | 14.82   | 131.82   | 10.00  | 12.31              | 10               | 190         | 5.26%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A    | N/A                | 58               | 190         | 30.53%   |

**Table 6: Rolling 30-day Geometric Mean (4 Samples or Greater and Daily Calculation)**

|   | Time Period Analyzed            | Constituent         | Average | Median  | Max      | Min   | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|---------------------------------|---------------------|---------|---------|----------|-------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 -<br>July 2007     | Total Coliform      | 55.02   | 31.80   | 530.31   | 10.00 | 70.37              | 0                | 1442        | 0.00%    |
|   |                                 | Fecal Colifom       | 12.21   | 10.00   | 49.91    | 10.00 | 4.02               | 0                | 1442        | 0.00%    |
|   |                                 | <i>enterococcus</i> | 12.28   | 10.00   | 37.63    | 10.00 | 4.90               | 17               | 1442        | 1.18%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 17               | 1442        | 1.18%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 -<br>July 2007     | Total Coliform      | 2033.04 | 863.89  | 13000.00 | 93.33 | 2635.64            | 470              | 1028        | 45.72%   |
|   |                                 | Fecal Colifom       | 129.29  | 91.26   | 633.35   | 67.00 | 91.64              | 145              | 1028        | 14.11%   |
|   |                                 | <i>enterococcus</i> | 33.73   | 19.00   | 271.73   | 9.74  | 38.98              | 294              | 1028        | 28.60%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 594              | 1028        | 57.78%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 -<br>July 2007     | Total Coliform      | 1876.37 | 1091.60 | 13000.00 | 76.50 | 1842.38            | 771              | 1474        | 52.31%   |
|   |                                 | Fecal Colifom       | 144.76  | 102.52  | 1011.26  | 67.00 | 118.45             | 217              | 1474        | 14.72%   |
|   |                                 | <i>enterococcus</i> | 42.65   | 23.20   | 396.35   | 10.00 | 52.04              | 443              | 1474        | 30.05%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 899              | 1474        | 60.99%   |
| <b>Leo Carillo Beach</b>                            | January 2005 -<br>February 2009 | Total Coliform      | 384.58  | 29.55   | 5575.39  | 10.00 | 770.99             | 155              | 1185        | 13.08%   |
|   |                                 | Fecal Colifom       | 17.50   | 14.40   | 62.71    | 10.00 | 9.56               | 0                | 607         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 25.44   | 13.27   | 339.68   | 10.00 | 30.54              | 218              | 1185        | 18.40%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 282              | 1185        | 23.80%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 -<br>July 2007     | Total Coliform      | 917.83  | 668.99  | 5397.05  | 56.34 | 887.11             | 222              | 669         | 33.18%   |
|   |                                 | Fecal Colifom       | 189.00  | 123.94  | 1320.74  | 11.11 | 183.19             | 244              | 669         | 36.47%   |
|   |                                 | <i>enterococcus</i> | 40.28   | 29.85   | 141.97   | 10.00 | 30.31              | 271              | 631         | 42.95%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 411              | 669         | 61.43%   |
| <b>Surfers Knoll</b>                                | January 2003 -<br>July 2007     | Total Coliform      | 528.34  | 124.29  | 8453.26  | 11.49 | 1201.19            | 184              | 1444        | 12.74%   |
|   |                                 | Fecal Colifom       | 20.62   | 14.23   | 158.35   | 10.00 | 18.16              | 0                | 1444        | 0.00%    |
|   |                                 | <i>enterococcus</i> | 18.09   | 13.27   | 77.93    | 10.00 | 12.58              | 104              | 1444        | 7.20%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 222              | 1444        | 15.37%   |
| <b>Surfers Point</b>                                | January 2005 -<br>July 2007     | Total Coliform      | 898.82  | 617.54  | 13377.58 | 57.96 | 1147.67            | 431              | 1422        | 30.31%   |
|   |                                 | Fecal Colifom       | 32.53   | 22.27   | 373.41   | 10.00 | 33.29              | 9                | 1422        | 0.63%    |
|   |                                 | <i>enterococcus</i> | 19.52   | 14.66   | 251.17   | 10.00 | 19.83              | 127              | 1422        | 8.93%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 489              | 1422        | 34.39%   |

**Table 7: Rolling 30-day Geometric Mean (4 Samples or Greater and Sampled Day Calculation)**

|   | Time Period Analyzed            | Constituent         | Average | Median  | Max      | Min   | Standard Deviation | Exceedance Count | Total Count | Exceed % |
|---|---------------------------------|---------------------|---------|---------|----------|-------|--------------------|------------------|-------------|----------|
| <b>County Line Beach</b>                            | January 2003 -<br>July 2007     | Total Coliform      | 52.82   | 30.79   | 488.02   | 10.00 | 66.59              | 0                | 217         | 0.00%    |
|   |                                 | Fecal Colifom       | 12.11   | 10.00   | 38.18    | 10.00 | 3.64               | 0                | 217         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 12.20   | 10.00   | 32.27    | 10.00 | 4.37               | 0                | 217         | 0.00%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 0                | 217         | 0.00%    |
| <b>Dockweiler Beach Weekly (Wednesday) Sampling</b> | January 2005 -<br>July 2007     | Total Coliform      | 1941.94 | 857.62  | 13000.00 | 93.33 | 2431.91            | 74               | 161         | 45.96%   |
|   |                                 | Fecal Colifom       | 130.78  | 95.80   | 633.35   | 67.00 | 94.18              | 20               | 161         | 12.42%   |
|   |                                 | <i>enterococcus</i> | 35.82   | 19.31   | 271.73   | 9.79  | 42.66              | 48               | 161         | 29.81%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 96               | 161         | 59.63%   |
| <b>Dockweiler Beach 5 Day per Week Sampling</b>     | January 2005 -<br>July 2007     | Total Coliform      | 1988.11 | 1151.81 | 13000.00 | 76.50 | 1923.68            | 509              | 943         | 53.98%   |
|   |                                 | Fecal Colifom       | 150.67  | 105.19  | 1011.26  | 67.00 | 120.98             | 154              | 943         | 16.33%   |
|   |                                 | <i>enterococcus</i> | 44.63   | 24.01   | 396.35   | 10.00 | 54.56              | 296              | 943         | 31.39%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 594              | 943         | 62.99%   |
| <b>Leo Carillo Beach</b>                            | January 2005 -<br>February 2009 | Total Coliform      | 397.31  | 39.29   | 3591.92  | 10.00 | 706.19             | 29               | 187         | 15.51%   |
|   |                                 | Fecal Colifom       | 17.53   | 14.43   | 49.89    | 10.00 | 8.51               | 0                | 92          | 0.00%    |
|   |                                 | <i>enterococcus</i> | 26.51   | 13.91   | 339.68   | 10.00 | 35.04              | 36               | 187         | 19.25%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 47               | 187         | 25.13%   |
| <b>Long Beach - Mother's Beach</b>                  | January 2005 -<br>July 2007     | Total Coliform      | 876.88  | 747.19  | 3108.43  | 72.51 | 648.68             | 52               | 139         | 37.41%   |
|   |                                 | Fecal Colifom       | 202.86  | 155.65  | 686.29   | 11.11 | 153.09             | 61               | 139         | 43.88%   |
|   |                                 | <i>enterococcus</i> | 42.94   | 31.90   | 129.18   | 10.00 | 28.52              | 60               | 123         | 48.78%   |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 92               | 139         | 66.19%   |
| <b>Surfers Knoll</b>                                | January 2003 -<br>July 2007     | Total Coliform      | 532.82  | 109.82  | 8218.99  | 11.49 | 1180.38            | 30               | 221         | 13.57%   |
|   |                                 | Fecal Colifom       | 19.91   | 14.80   | 96.33    | 10.00 | 14.29              | 0                | 221         | 0.00%    |
|   |                                 | <i>enterococcus</i> | 17.41   | 12.70   | 60.29    | 10.00 | 10.75              | 14               | 221         | 6.33%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 35               | 221         | 15.84%   |
| <b>Surfers Point</b>                                | January 2005 -<br>July 2007     | Total Coliform      | 863.33  | 601.04  | 13377.58 | 64.11 | 1092.50            | 63               | 218         | 28.90%   |
|   |                                 | Fecal Colifom       | 32.26   | 22.52   | 373.41   | 10.00 | 32.35              | 2                | 218         | 0.92%    |
|   |                                 | <i>enterococcus</i> | 19.16   | 14.82   | 251.17   | 10.00 | 19.69              | 12               | 218         | 5.50%    |
|   |                                 | Any Indicator       | N/A     | N/A     | N/A      | N/A   | N/A                | 66               | 218         | 30.28%   |