

City of Newport Harbor Monitoring Data

| SAMPLE LOCATION: 6-4 | | Upstream of WWTF | | | | | | | | | |
|----------------------|------|------------------|---------------|------|--------------------|-----------------|------------|-----------------------------|-----------------|---------------|--------------------|
| Date | Tide | Sample Time | Water Temp. C | pH | Fecal Coliform MPN | Enterococci MPN | BOD 5 mg/l | Total Suspended Solids mg/l | TKN (as N) mg/l | Salinity g/kg | Weather |
| 1/5/2010 | low | 10:07 AM | 3.2 | 8.23 | < 2 | < 10 | < 4 | 6 | 0.1 | 30.9 | Overcast, 26.1 F |
| 1/14/2010 | high | 10:11 a.m. | 2.6 | 8.25 | < 2 | < 10 | < 4 | 5 | 0.1 | 31.3 | Pt. Cloudy, 31.0 F |
| 1/19/2010 | low | 10:02 a.m. | 4.2 | 8.25 | 4 | < 10 | < 4 | 11 | < 0.1 | 32.0 | Overcast, 35.2 F |
| 1/26/2010 | high | 10:03 a.m. | 4.6 | 8.35 | 2 | < 10 | < 4 | 7 | < 0.1 | 30.6 | Clear, 42.3 F |
| 2/2/2010 | low | 10:07 a.m. | 1.1 | 8.40 | < 2 | 10 | < 4 | 9 | 0.1 | 30.1 | Overcast, 29.2 F |
| 2/9/2010 | high | 10:05 a.m. | 1.0 | 8.44 | < 2 | < 10 | < 4 | 7 | 0.2 | 30.2 | Clear, 25.6 F |
| 2/16/2010 | low | 10:05 a.m. | 2.0 | 8.28 | < 2 | < 10 | < 4 | 2 | 0.1 | 30.9 | Snowy Mix, 34.4 F |
| 2/22/2010 | low | 10:13 a.m. | 2.8 | 8.10 | < 2 | < 10 | < 4 | 10 | 0.1 | 30.8 | Clear, 37.7 F |
| 3/2/2010 | low | 10:07 a.m. | 4.1 | 8.26 | 2 | < 10 | < 4 | 11 | 0.1 | 29.4 | Clear, 46.2 F |
| 3/9/2010 | high | 10:05 a.m. | 5.0 | 8.37 | < 2 | < 10 | < 4 | 13 | < 0.1 | 27.3 | Clear 47.6 F |
| 3/17/2010 | low | 09:56 a.m. | 5.2 | 8.20 | < 2 | < 10 | < 2 | 5 | 0.1 | 26.5 | Clear 50.5 F |
| 3/23/2010 | low | 10:07 a.m. | 5.6 | 8.12 | 14 | < 10 | < 4 | 6 | 0.1 | 22.7 | Rainy, 45.4 F |
| 3/30/2010 | high | 10:00 a.m. | 5.7 | 8.10 | 14 | 31 | < 4 | 12 | < 0.1 | 29.1 | Rainy, 52.0 F |
| 4/6/2010 | high | 10:01 a.m. | 11.2 | 8.27 | < 2 | < 10 | < 4 | 10 | 0.2 | 19.7 | Overcast, 53.0 F |
| 4/13/2010 | low | 10:17 a.m. | 11.4 | 8.86 | < 2 | < 10 | < 4 | 5 | 0.1 | 20.9 | Lt. Rain, 64.2 F |
| 4/20/2010 | high | 10:01 a.m. | 12.0 | 8.22 | 2 | < 10 | < 4 | 5 | < 0.1 | 24.5 | Clear, 59.2 F |
| 4/27/2010 | high | 10:06 a.m. | 10.5 | 8.16 | 2 | < 10 | < 4 | 4 | 0.1 | 29.4 | Lt. Rain, 48.5 F |
| 5/5/2010 | high | 10:18 a.m. | 13.9 | 8.18 | 4 | < 10 | < 4 | 13 | < 0.1 | 29.3 | Pt. Cloudy, 68.2 F |
| 5/11/2010 | low | 10:06 a.m. | 11.5 | 8.34 | < 2 | < 10 | < 4 | 13 | < 0.1 | 28.2 | Clear, 49.5 F |
| 5/18/2010 | high | 09:50 a.m. | 12.7 | 8.16 | < 2 | 10 | < 4 | 3 | 0.1 | 30.1 | Overcast, 55.4 F |
| 5/25/2010 | high | 09:50 a.m. | 16.0 | 8.21 | < 2 | < 10 | < 4 | < 2 | < 0.1 | 29.8 | Clear, 71.9 F |
| 6/1/2010 | high | 10:01 a.m. | 18.2 | 8.15 | 4 | < 10 | < 4 | 15 | 0.9 | 30.0 | Clear, 71.3 F |
| 6/8/2010 | low | 10:05 a.m. | 18.3 | 8.24 | 4 | < 10 | < 4 | < 2 | < 0.1 | 28.4 | Clear, 66.7 F |
| 6/15/2010 | high | 10:01 a.m. | 19.0 | 8.20 | 2 | < 10 | < 4 | 2 | < 0.1 | 30.1 | Clear, 70.5 F |
| 6/22/2010 | low | 10:08 a.m. | 21.4 | 8.18 | < 2 | < 10 | < 4 | 9 | < 0.1 | 29.5 | Clear, 76.6 F |
| 6/29/2010 | high | 10:11 a.m. | 23.8 | 8.23 | < 2 | < 10 | < 4 | 15 | < 0.1 | 30.2 | Pt. Cloudy, 81.1 F |
| 7/6/2010 | low | 10:06 a.m. | 25.0 | 8.25 | < 2 | < 10 | < 4 | 7 | < 0.1 | 29.4 | Clear, 87.9 F |
| 7/13/2010 | high | 09:53 a.m. | 23.6 | 8.04 | < 2 | < 10 | < 4 | 31 | < 0.1 | 30.7 | Pt. Cloudy, 81.6 F |
| 7/20/2010 | low | 10:06 a.m. | 24.2 | 8.14 | 2 | < 10 | < 4 | 10 | < 0.1 | 30.5 | Pt. Cloudy, 78.3 F |
| 7/27/2010 | high | 12:42 p.m. | 23.5 | 8.17 | < 2 | < 10 | < 4 | 10 | < 0.1 | 30.0 | Pt. Cloudy 77.0 F |
| 8/3/2010 | low | 09:52 a.m. | 22.1 | 8.15 | 4 | < 10 | < 4 | 5 | < 0.1 | 30.9 | Clear, 74.8F |
| 8/10/2010 | high | 10:47 a.m. | 22.6 | 8.10 | < 2 | < 10 | < 4 | 6 | 1.1 | 31.2 | Clear, 82.7F |
| 8/17/2010 | low | 10:45 a.m. | 23.5 | 7.97 | < 2 | < 10 | < 4 | 8 | 1.2 | 31.2 | Cloudy, 75.4 F |
| 8/25/2010 | high | 10:02 a.m. | 20.7 | 8.20 | 21 | < 10 | < 4 | 7 | 1.6 | 31.6 | Lt. Rain, 66.7 F |
| 8/31/2010 | low | 10:10 a.m. | 24.9 | 8.13 | < 2 | < 10 | < 4 | 5 | 0.8 | 30.9 | Sunny, 81.1F |
| 9/7/2010 | high | 10:06 a.m. | 21.0 | 8.14 | 2 | < 10 | < 4 | 13 | 0.2 | 31.1 | Pt. Cloudy, 72.4 F |
| 9/14/2010 | low | 10:10 a.m. | 20.2 | 8.06 | < 2 | < 10 | < 4 | 5 | 0.1 | 31.7 | Clear, 69.3 F |
| 9/21/2010 | high | 10:12 a.m. | 18.6 | 8.06 | < 2 | < 10 | < 4 | 3 | 0.5 | 31.7 | Clear, 60.2 F |
| 9/28/2010 | high | 09:10 a.m. | 19.9 | 8.04 | < 2 | < 10 | < 4 | 13 | 0.4 | 31.9 | Cloudy, 70.1 F |
| 10/5/2010 | high | 09:55 a.m. | 17.4 | 8.05 | < 2 | 10 | < 4 | 3 | 0.1 | 31.8 | Cloudy, 58.5 F |
| 10/12/2010 | low | 10:05 a.m. | 17.8 | 8.06 | < 2 | < 10 | < 4 | < 2 | 0.2 | 31.9 | Cloudy, 54.4 F |
| 10/19/2010 | high | 10:01 a.m. | 13.8 | 8.07 | < 2 | < 10 | < 4 | 2 | 0.1 | 30.9 | Pt. Cloudy, 47.2 F |
| 10/26/2010 | high | 10:06 a.m. | 15.8 | 8.08 | < 2 | < 10 | < 4 | 7 | 0.1 | 31.6 | Cloudy, 64.6 F |
| 11/2/2010 | low | 10:00 a.m. | 11.5 | 8.18 | 2 | < 10 | < 4 | 8 | 0.1 | 31.4 | Cloudy, 45.4 F |
| 11/10/2010 | high | 10:50 a.m. | 11.1 | 8.14 | < 2 | 10 | < 4 | 8 | 0.1 | 32.2 | Cloudy, 44.8 F |
| 11/16/2010 | low | 10:05 a.m. | 11.6 | 8.08 | 6 | < 10 | < 4 | 2 | 0.2 | 32.1 | Pt. Cloudy, 55.4 F |
| 11/23/2010 | high | 10:31 a.m. | 12.4 | 8.06 | < 2 | 20 | < 4 | 18 | 0.1 | 31.8 | Clear, 59.9 F |
| 11/30/2010 | low | 10:12 a.m. | 9.1 | 8.10 | < 2 | < 10 | < 4 | < 2 | 0.1 | 30.9 | Clear, 49.7 F |
| 12/7/2010 | high | 10:03 a.m. | 5.9 | 8.14 | < 2 | < 10 | < 4 | 11 | 0.1 | 30.7 | Cloudy, 32.2 F |

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|------------|-----|------------|-----|------|-----|------|-----|----|-----|------|----------------|
| 12/14/2010 | low | 11:01 a.m. | 4.6 | 8.17 | < 2 | 10 | < 4 | 18 | 0.1 | 30.8 | Cloudy, 25.6 F |
| 12/22/2010 | low | 11:06 a.m. | 4.8 | 8.18 | 4 | < 10 | < 4 | 16 | 0.1 | 31.1 | Cloudy, 37.5 F |
| 12/30/2010 | low | 10:01 a.m. | 4.0 | 8.14 | < 2 | < 10 | < 4 | 10 | 0.1 | 30.0 | Clear,, 36.4 F |