

City of Newport Harbor Monitoring Data

SAMPLE LOCATION: DEM- B Near Pell Bridge, east of north edge of Rose Island

| 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 |
|------------|------|-------------|---------------|-------|--------------------|-----------------|------------|-----------------------------|-----------------|---------------|----------------------|
| 1/2/2009 | high | 10:23a.m. | 3.6 | 8.06 | <2 | <10 | <3.0 | 27 | <0.50 | 28 | Overcast, Calm 33.1F |
| 1/6/2009 | low | 10:25am | 2.4 | 8.1 | 4 | <10 | <3.0 | 24 | <0.50 | 30 | Clear, Cold 30.9 F |
| 1/13/2009 | high | 10:22am | 4.5 | 8.13 | <2 | <10 | <3.0 | 26 | <0.50 | 28 | Pt. Cloudy, 37.9 F |
| 1/20/2009 | high | 11:56a.m. | 1.7 | 8.13 | 2 | <10 | <3.0 | 28 | <0.50 | 28 | Pt. Cloudy, 37.9 F |
| 1/27/2009 | high | 10:26 a.m. | 2.1 | 8.10 | <2 | <10 | <3.0 | 27 | <0.50 | 30 | Pt. Cloudy, 24.9 F |
| 2/2/2009 | high | 10:17a.m. | 2.2 | 8.03 | 2 | <10 | <3.0 | 42 | <0.50 | 30 | Clear, 48.0 F |
| 2/10/2009 | high | 10:23 a.m. | 3.5 | 8.01 | < 2 | < 10 | 9.6 | 23 | < 0.50 | 30 | Overcast, 33.5 F |
| 2/17/2009 | high | 10:12a.m. | 3.2 | 8.09 | <2 | <10 | <3.0 | 29 | <0.50 | 30 | Clear, 33.1 F |
| 2/23/2009 | low | 10:27 a.m. | 2.8 | 8.14 | <2 | <10 | 8.4 | 28 | <0.50 | 26 | Pt. Cloudy, 33.1 F |
| 3/4/2009 | high | 10:15a.m. | 1.6 | 8.20 | < 2 | < 10 | 9.6 | 30 | < 0.5 | 28 | Clear, 24.1 F |
| 3/10/2009 | high | 10:13 a.m. | 4.0 | 8.12 | < 2 | < 10 | < 3.0 | 26 | 1.7 | 30 | Pt. Cloudy, 42.1 F |
| 3/17/2009 | high | 10:16 a.m. | 5.2 | 8.09 | 2 | < 10 | < 3.0 | 25 | < 0.50 | 28 | Clear, 42.1 F |
| 3/24/2009 | high | 10:18 a.m. | 3.4 | 8.14 | <2 | <10 | <3.0 | 22 | 0.62 | 28 | Pt. Cloudy, 41.0 F |
| 3/31/2009 | high | 10:10 a.m. | 5.7 | 8.11 | <2 | <10 | <3.0 | 18 | < 0.50 | 30 | Pt. Cloudy, 44.0 F |
| 4/7/2009 | low | 10:22 a.m. | 6.4 | 8.01 | 8 | 10 | <3.0 | 18 | < 0.50 | 30 | Clear, 46.9 F |
| 4/14/2009 | high | 10:21 a.m. | 7.1 | 7.98 | 2 | <10 | <3.0 | 19 | < 1.0 | 26 | Clear, 50.0 F |
| 4/21/2009 | low | 10:19 a.m. | 7.6 | 7.97 | 2 | 10 | <3.0 | 21 | <0.50 | 28 | Fog, Lt Rain, 53.1 F |
| 4/28/2009 | high | 10:25 a.m. | 9.9 | 8.08 | <2 | 10 | <3.0 | 24 | <0.50 | 33 | Clear, 71.1 F |
| 5/5/2009 | low | 10:21 a.m. | 9.8 | 7.99 | <2 | <10 | <3.0 | 27 | <0.50 | 33 | Lt. Rain, 51.1 F |
| 5/12/2009 | high | 10:23 a.m. | 13.0 | 7.87 | <2 | <10 | 47.0 | 25 | <0.50 | 28 | Scatr Clouds, 59.0 F |
| 5/19/2009 | low | 10:32 a.m. | 14.4 | 7.82 | <2 | 17 | <3.0 | 24 | <0.50 | 30 | Clear, 57.9 F |
| 5/26/2009 | high | 10:19 a.m. | 13.7 | 7.83 | <2 | <10 | <3.0 | 26 | <0.50 | 35 | Sunny, 55.9 F |
| 6/2/2009 | low | 10:28 a.m. | 15.2 | 7.83 | <2 | 30 | <3.0 | 25 | <0.50 | 28 | Cloudy, 64.0 F |
| 6/9/2009 | high | 10:23 a.m. | 15.0 | 7.78 | <2 | <10 | <3.0 | 30 | <0.50 | 33 | Lt. Rain, 55.9 F |
| 6/16/2009 | low | 10:44 a.m. | 16.9 | 7.89 | <2 | <10 | <3.0 | 28 | 0.53 | 33 | Overcast, 59.0 F |
| 6/23/2009 | high | 10:31 a.m. | 16.9 | 7.88 | 23 | <10 | <3.0 | 29 | <0.50 | 33 | Lt. Rain, 62.1 F |
| 6/30/2009 | low | 10:30 a.m. | 17.8 | 7.89 | <2 | <10 | <3.0 | 29 | 0.77 | 28 | Overcast, 73.0 F |
| 7/7/2009 | high | 10:31 a.m. | 18.6 | 7.86 | 13 | <10 | <3.0 | 60 | <0.50 | 28 | Fog, 64.9 F |
| 7/14/2009 | high | 10:42 a.m. | 19.9 | 8.14 | 2 | <10 | <3.0 | 26 | <0.50 | 30 | Clear, 70.0 F |
| 7/21/2009 | low | 10:18 a.m. | 19.5 | 8.09 | < 2 | < 10 | 5.7 | 48 | 0.68 | 28 | Rain, 66.2 F |
| 7/28/2009 | high | 10:23 a.m. | 20.7 | 8.17 | < 2 | < 10 | < 4 | 2 | 0.4 | 30 | Clear, 78.1 F |
| 8/4/2009 | low | 9:52 a.m. | 22.6 | 8.26 | < 10 | < 10 | < 4 | 11 | 0.6 | 28.7 | Haze, 77.0 F |
| 8/11/2009 | high | 10:43 a.m. | 21.6 | 8.29 | 160 | 30 | <4 | 13 | 0.5 | 28.9 | Pt. Cloudy, 84.9 F |
| 8/18/2009 | low | 1012 am | 21.4 | 21.40 | 2 | <10 | <4 | 9 | 0.4 | 29.9 | Clear, 84.0 F |
| 8/25/2009 | high | 10:43 AM | 22.6 | 8.10 | <2 | 30 | <4 | 16 | 0.4 | 30.3 | Overcast, 73.0 F |
| 9/1/2009 | high | 10:18 AM | 20.2 | 8.10 | < 2 | < 10 | < 4 | 20 | 0.5 | 30.3 | Pt. Cloudy, 69.1 F |
| 9/8/2009 | high | 10:21 AM | 19.4 | 8.06 | < 2 | < 10 | < 4 | 10 | 0.4 | 31.2 | Clear, 66.9 F |
| 9/15/2009 | low | 11:19 AM | 20.2 | 8.16 | 6 | < 10 | < 4 | 7 | 0.3 | 30.0 | Clear, 73.0 F |
| 9/22/2009 | high | 10:39 AM | 18.5 | 8.05 | < 2 | 20 | < 4 | 10 | 0.9 | 31.3 | Clear, 70.0 F |
| 9/29/2009 | low | 10:15 AM | 17.2 | 8.09 | < 2 | < 10 | < 4 | 9 | 0.2 | 31.0 | Clear, 64.0 F |
| 10/6/2009 | high | 10:02 AM | 16.5 | 8.02 | 2 | < 10 | < 4 | 19 | 0.1 | 31.5 | Clear, 60.1 F |
| 10/13/2009 | low | 10:19 AM | 15.3 | 8.03 | < 2 | < 10 | < 4 | 16 | 0.3 | 31.0 | Overcast, 59.0 F |
| 10/20/2009 | high | 10:45 AM | 13.2 | 8.16 | 4 | < 10 | < 4 | 4 | 0.3 | 32.2 | Clear, 55.0 F |
| 10/27/2009 | high | 9:45 AM | 12.9 | 8.11 | < 2 | < 10 | < 4 | 12 | 0.4 | 31.0 | Overcast, 50.8 F |
| 11/3/2009 | low | 10:18 AM | 12.8 | 8.13 | < 2 | < 10 | < 4 | 3 | 0.3 | 31.1 | Clear, 52.9 F |
| 11/10/2009 | high | 10:44 AM | 12.7 | 8.12 | 4 | < 10 | < 4 | 11 | 0.2 | 30.8 | Clear, 62.1 F |
| 11/17/2009 | low | 10:48 a.m. | 11.1 | 8.15 | < 2 | < 10 | < 4 | 11 | 0.1 | 31.2 | Clear, 46.0 F |
| 11/24/2009 | low | 10:11 a.m. | 11.1 | 8.14 | < 2 | 31 | 4 | 4 | < 0.1 | 30.7 | Drizzle, 49.0 F |
| 12/1/2009 | high | 10:17 a.m. | 9.0 | 8.14 | 2 | < 10 | < 4 | 6 | 0.1 | 31.2 | Clear, 37.8 F |
| 12/8/2009 | low | 10:09 a.m. | 7.5 | 8.15 | < 2 | 10 | < 4 | 7 | 0.1 | 29.9 | Clear, 36.7 F |
| 12/15/2009 | high | 10:10 a.m. | 7.8 | 8.16 | 4 | 10 | < 4 | 19 | 0.4 | 29.2 | Cloudy, 46.7 F |
| 12/22/2009 | low | 10:18 a.m. | 4.2 | 8.20 | 2 | < 10 | < 4 | 10 | 0.3 | 30.5 | Clear, 27.7 F |

12/31/2009 low 7:40 a.m. 5.0 8.21 4 < 10 < 4 8 < 0.1 32.5 Overcast, 29.9 F