

City of Newport Harbor Monitoring Data

**SAMPLE LOCATION: 6-28**      **Between Rose Island and north end of Goat 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               |
|------------|------|-------------|---------------|------|--------------------|-----------------|------------|-----------------------------|-----------------|---------------|-----------------------|
| 1/4/2011   | high | 10:09 a.m.  | 5.1           | 8.22 | 6                  | < 10            | < 4        | 10                          | 0.1             | 32.5          | Clear, 32.5 F         |
| 1/11/2011  | low  | 10:04 a.m.  | 2.2           | 8.34 | < 2                | < 10            | < 4        | 24                          | 0.1             | 31.4          | Clear, 26/5 F         |
| 1/18/2011  | high | 12:05 a.m.  | 3.2           | 8.28 | < 2                | < 10            | < 4        | 15                          | 0.1             | 31.4          | Freezing Rain, 36.5 F |
| 1/27/2011  | low  | 10:50 a.m.  | 3.1           | 8.25 | < 2                | < 10            | < 4        | 20                          | 0.1             | 31.9          | Clear, 33.9 F         |
| 2/1/2011   | high | 9:45 a.m.   | 2.8           | 8.23 | 6                  | 10              | < 4        | 9                           | 0.1             | 31.7          | Snow, 28.3 F          |
| 2/7/2011   | high | 10:15 a.m.  | 3.5           | 8.32 | < 2                | < 10            | < 4        | 15                          | 0.1             | 31.3          | Clear, 38.2 F         |
| 2/17/2011  | high | 9:22 a.m.   | 3.7           | 8.31 | 8                  | < 10            | < 4        | 14                          | 0.1             | 32.3          | Clear, 41.5 F         |
| 2/23/2011  | low  | 9:19 a.m.   | 2.5           | 8.33 | < 2                | < 10            | < 4        | 24                          | 0.2             | 32.3          | Clear, 30.3 F         |
| 3/4/2011   | high | 9:44 a.m.   | 2.3           | 8.34 | < 2                | < 10            | < 4        | 5                           | 0.1             | 29.6          | Clear, 28.9 F         |
| 3/8/2011   | high | 9:44 a.m.   | 3.5           | 8.34 | < 2                | < 10            | < 4        | 6                           | 0.2             | 30.8          | Clear, 33.1 F         |
| 3/15/2011  | low  | 10:19 a.m.  | 5.0           | 8.30 | 2                  | 10              | < 4        | 6                           | 0.1             | 26.1          | Clear, 35.1 F         |
| 3/22/2011  | high | 8:53 a.m.   | 5.3           | 8.32 | < 2                | < 10            | < 4        | 4                           | 0.1             | 29.8          | Clear, 43.7 F         |
| 3/29/2011  | high | 9:23 a.m.   | 4.2           | 8.32 | 4                  | < 10            | < 4        | 13                          | 0.1             | 28.9          | Clea, 34.6 F          |
| 4/4/2011   | low  | 9:14 a.m.   | 5.8           | 8.32 | < 2                | < 10            | < 4        | < 2                         | 0.1             | 30.1          | Lt. Rain, 42.4 F      |
| 4/12/2011  | low  | 9:11 a.m.   | 8.2           | 8.44 | 6                  | < 10            | < 4        | 12                          | 0.1             | 30.7          | Cloudy, 57.5 F        |
| 4/19/2011  | high | 9:14 a.m.   | 8.9           | 8.44 | < 2                | < 10            | < 4        | 18                          | 0.1             | 30.2          | Cloudy, 49.4 F        |
| 4/27/2011  | low  | 9:13 a.m.   | 11.2          | 8.30 | 4                  | < 10            | < 4        | 8                           | 0.1             | 30.1          | Clear, 55.9 F         |
| 5/3/2011   | high | 9:23 a.m.   | 12.8          | 8.32 | < 2                | < 10            | < 4        | < 2                         | 0.1             | 28.6          | Clear, 60.3 F         |
| 5/10/2011  | low  | 9:24 a.m.   | 12.0          | 8.34 | 2                  | < 10            | < 4        | 8                           | 0.1             | 29.2          | Cloudy, 50.2 F        |
| 5/17/2011  | high | 9:22 a.m.   | 12.2          | 8.32 | < 2                | < 10            | < 4        | 3                           | 0.1             | 31.3          | Lt. Rain 49.6 F       |
| 5/24/2011  | low  | 10:18 a.m.  | 14.4          | 8.32 | 30                 | 10              | < 4        | 19                          | 0.2             | 30.2          | Cloudy/Fog 61.0 F     |
| 5/31/2011  | high | 10:25 a.m.  | 17.8          | 8.25 | 2                  | < 10            | < 4        | 9                           | 0.1             | 30.5          | Clear, 73.7 F         |
| 6/7/2011   | low  | 9:37 a.m.   | 18.5          | 8.28 | < 2                | < 10            | < 4        | 9                           | 0.1             | 29.0          | Clear, 77.1 F         |
| 6/14/2011  | high | 10:23 a.m.  | 16.2          | 8.25 | 2                  | < 10            | < 4        | 17                          | 0.1             | 30.7          | Cloudy, 57.2 F        |
| 6/21/2011  | low  | 10:25 a.m.  | 19.8          | 8.28 | < 2                | < 10            | < 4        | 6                           | 0.1             | 29.5          | Cloudy, 67.0 F        |
| 6/28/2011  | low  | 10:25 a.m.  | 21.6          | 8.43 | 2                  | < 10            | < 4        | 5                           | 0.1             | 30.0          | Clear, 75.0 F         |
| 7/5/2011   | high | 10:25 a.m.  | 22.0          | 8.26 | < 2                | < 10            | < 4        | 18                          | 0.1             | 30.4          | Clear, 82.1 F         |
| 7/13/2011  | high | 9:52 a.m.   | 22.7          | 8.20 | < 2                | < 10            | < 4        | 4                           | 0.1             | 29.9          | Clear, 80.1 F         |
| 7/19/2011  | high | 10:00 a.m.  | 23.2          | 8.20 | < 2                | < 10            | < 4        | 16                          | 0.1             | 30.0          | Clear, 77.3 F         |
| 7/26/2011  | low  | 11:30 a.m.  | 23.6          | 8.19 | < 2                | < 10            | < 4        | 8                           | 0.1             | 29.8          | Cloudy, 72.5 F        |
| 8/2/2011   | low  | 10:12am     | 23.2          | 8.10 | 2                  | <10             | <4         | 16                          | 0.1             | 31.1          | Clear, 84.7F          |
| 8/9/2011   | low  | 10:18am     | 23.2          | 8.06 | 26                 | <10             | <4         | 19                          | 0.1             | 30.5          | Clear, 77.9F          |
| 8/16/2011  | high | 10:26am     | 21.4          | 8.06 | 1600               | <10             | <4         | 11                          | 0.1             | 30.8          | Cloudy, 64.5F         |
| 8/23/2011  | low  | 10:06 AM    | 21.2          | 8.20 | <2                 | <10             | <4         | 4                           | 0.1             | 30.2          | Clear, 70.0F          |
| 8/30/2011  | high | 10:05am     | 20.8          | 8.12 | 4                  | <10             | <4         | 10                          | 0.1             | 30.2          | Clear, 75.2F          |
| 9/6/2011   | low  | 10:25am     | 21.6          | 8.26 | 11                 | <10             | <4         | 8                           | 0.1             | 30.4          | Rainy, 59.9F          |
| 9/13/2011  | high | 10:20am     | 21.5          | 8.22 | 110                | <10             | <4         | 8                           | 0.1             | 31.5          | Clear, 77.9F          |
| 9/20/2011  | low  | 10:08am     | 18.7          | 8.30 | <2                 | <10             | <4         | 4                           | 0.1             | 30.1          | Cloudy, 65.1F         |
| 9/27/2011  | high | 11:20am     | 20.3          | 8.43 | 2                  | <10             | <4         | 4                           | 0.1             | 30.8          | Cloudy, 70.2F         |
| 10/4/2011  | low  | 10:24am     | 19.6          | 8.25 | 4                  | <10             | <4         | 2                           | 0.1             | 29.3          | Clear, 58.9F          |
| 10/11/2011 | high | 10:21am     | 17.8          | 8.24 | <2                 | <10             | <4         | 10                          | 0.1             | 30.5          | Clear, 63.0F          |
| 10/18/2011 | low  | 10:26am     | 16.6          | 8.28 | <2                 | <10             | <4         | 4                           | 0.1             | 30.9          | Cloudy, 60.4F         |
| 10/25/2011 | high | 10:27am     | 15.0          | 8.28 | 2                  | <10             | <4         | 7                           | 0.1             | 30.6          | Clear, 53.4F          |
| 11/1/2011  | low  | 10:35am     | 11.9          | 8.28 | 2                  | <10             | <4         | 9                           | 0.1             | 30.5          | Overcast, 46.9F       |
| 11/8/2011  | high | 10:26am     | 13.5          | 8.30 | <2                 | <10             | <4         | 12                          | 0.1             | 30.1          | Clear, 72.5F          |
| 11/15/2011 | high | 10:34am     | 14.6          | 8.25 | <2                 | <10             | <4         | 2                           | 0.1             | 31.2          | Pt Cloudy, 63.9F      |
| 11/22/2011 | low  | 10:22am     | 11.4          | 8.30 | 4                  | <10             | <4         | 3                           | 0.1             | 30.7          | Clear, 50.4F          |
| 11/29/2011 | high | 10:28am     | 13.0          | 8.36 | 2                  | <10             | <4         | 4                           | 0.1             | 31.6          | Cloudy,58.8F          |
| 12/6/2011  | low  | 10:18am     | 11.6          | 8.26 | <2                 | <10             | <4         | 8                           | 0.1             | 29.7          | Overcast, 58.5F       |
| 12/13/2011 | high | 10:21am     | 9.1           | 8.32 | 14                 | <10             | <4         | 3                           | 0.2             | 29.4          | Clear, 518.8F         |

|            |      |         |      |      |    |     |    |   |     |      |                   |
|------------|------|---------|------|------|----|-----|----|---|-----|------|-------------------|
| 12/21/2011 | high | 10:18am | 10.0 | 8.34 | <2 | <10 | <4 | 2 | 0.1 | 30.7 | Light rain, 53.4F |
| 12/27/2011 | high | 10:02am | 8.8  | 8.35 | <2 | <10 | <4 | 4 | 0.1 | 31.5 | Cloudy, 46.9F     |