

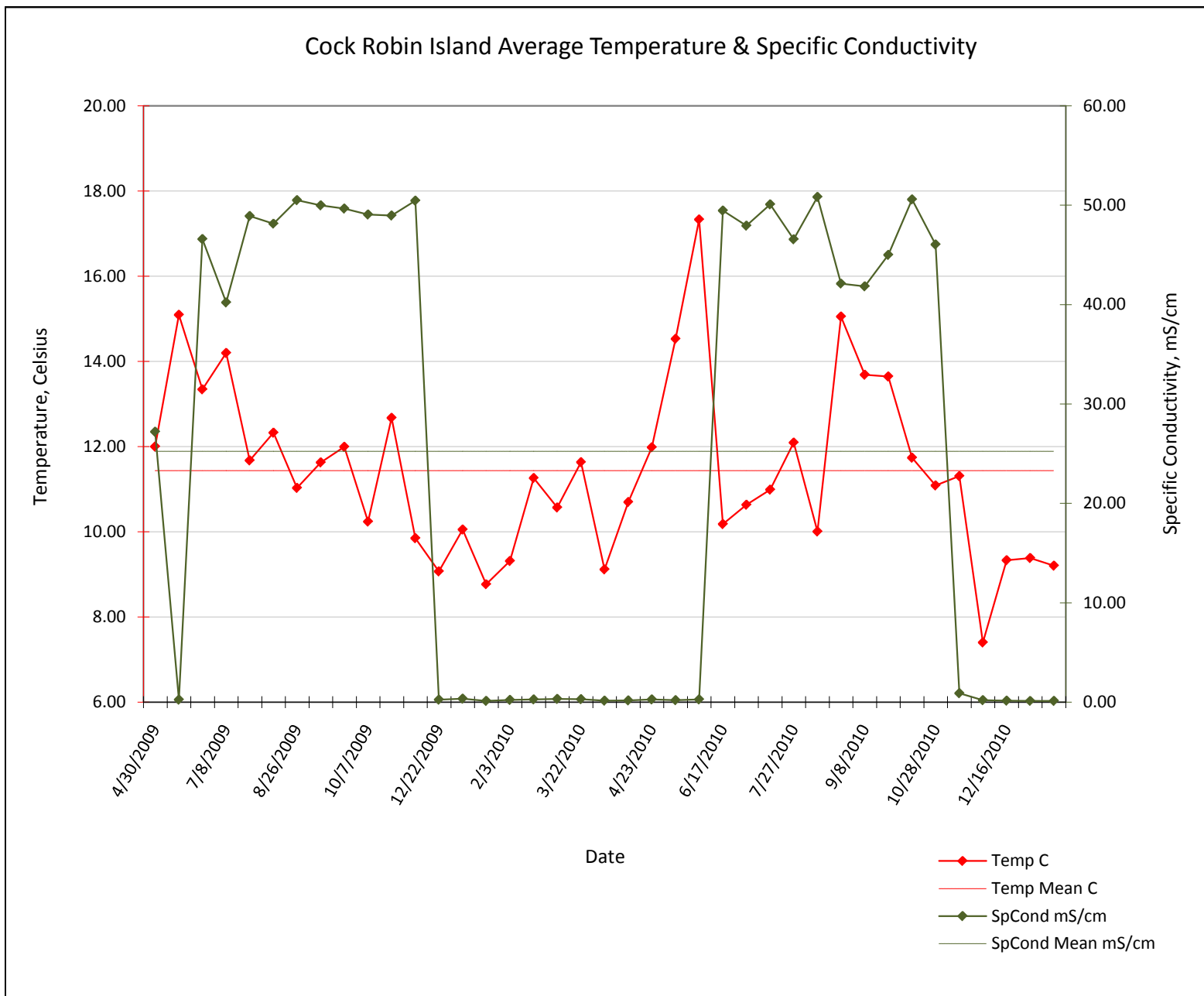
### Cock Robin Island Data Summary

| Date       | Temp C | SpCond<br>mS/cm | Salinity ppt | DO Conc<br>mg/L | pH   | Turbidity<br>NTU |
|------------|--------|-----------------|--------------|-----------------|------|------------------|
| 4/30/2009  | 12.00  | 27.20           | 16.87        | 10.45           | 7.89 | 1.30             |
| 5/13/2009  | 15.09  | 0.25            | 0.12         | 9.90            | 7.92 | 7.27             |
| 6/10/2009  | 13.34  | 46.59           | 30.24        | 11.08           | 7.60 | 5.72             |
| 7/8/2009   | 14.20  | 40.21           | 25.71        | 11.85           | 7.97 | 6.95             |
| 7/29/2009  | 11.67  | 48.91           | 31.85        | 9.36            | 8.20 | 5.09             |
| 8/12/2009  | 12.32  | 48.15           | 31.33        | 8.52            | 7.77 | 3.34             |
| 8/26/2009  | 11.03  | 50.51           | 32.97        | 8.59            | 7.76 | 4.68             |
| 9/9/2009   | 11.63  | 49.98           | 32.62        | 7.74            | 7.75 | 7.79             |
| 9/23/2009  | 11.99  | 49.66           | 32.41        | 8.65            | 7.93 | 3.76             |
| 10/7/2009  | 10.24  | 49.06           | 31.87        | 8.84            | 7.71 | 3.25             |
| 10/21/2009 | 12.67  | 48.96           | 31.93        | 8.86            | 8.00 | 4.27             |
| 12/3/2009  | 9.85   | 50.45           | 32.85        | 8.34            | 7.85 | 1.84             |
| 12/22/2009 | 9.07   | 0.24            | 0.11         | 11.35           | 8.11 | 86.97            |
| 1/6/2010   | 10.05  | 0.34            | 0.16         | 11.33           | 8.11 | 12.96            |
| 1/20/2010  | 8.77   | 0.12            | 0.05         | 11.60           | 8.23 | 518.72           |
| 2/3/2010   | 9.31   | 0.22            | 0.10         | 11.55           | 7.99 | 52.97            |
| 2/17/2010  | 11.26  | 0.26            | 0.13         | 10.79           | 8.10 | 13.93            |
| 3/8/2010   | 10.57  | 0.32            | 0.15         | 11.21           | 8.16 | 23.63            |
| 3/22/2010  | 11.63  | 0.29            | 0.14         | 10.78           | 8.09 | 11.14            |
| 3/31/2010  | 9.11   | 0.14            | 0.07         | 11.48           | 8.05 | 191.77           |
| 4/7/2010   | 10.70  | 0.17            | 0.08         | 11.63           | 8.13 | 66.74            |
| 4/23/2010  | 11.98  | 0.27            | 0.13         | 10.03           | 7.92 | 18.67            |
| 5/12/2010  | 14.53  | 0.20            | 0.09         | 10.42           | 7.95 | 14.30            |
| 6/2/2010   | 17.33  | 0.26            | 0.12         | 8.99            | 7.95 | 6.48             |
| 6/17/2010  | 10.18  | 49.46           | 32.16        | 8.67            | 7.22 | 2.79             |
| 6/30/2010  | 10.63  | 47.93           | 31.08        | 12.50           | 7.66 | 3.52             |
| 7/20/2010  | 10.99  | 50.07           | 32.65        | 9.41            | 7.52 | 2.33             |
| 7/27/2010  | 12.09  | 46.58           | 30.18        | 10.67           | 8.11 | 2.39             |
| 8/19/2010  | 10.01  | 50.83           | 33.14        | 6.90            | 7.75 | 0.42             |
| 8/25/2010  | 15.05  | 42.12           | 27.08        | 9.09            | 7.82 | 1.37             |
| 9/8/2010   | 13.68  | 41.83           | 26.85        | 9.91            | 7.90 | 5.08             |
| 9/22/2010  | 13.64  | 45.00           | 29.10        | 7.84            | 7.82 | 3.68             |
| 9/30/2010  | 11.74  | 50.57           | 33.05        | 8.41            | 7.80 | 2.97             |
| 10/28/2010 | 11.09  | 46.05           | 29.76        | 9.03            | 8.03 | 13.45            |
| 11/10/2010 | 11.31  | 0.88            | 0.44         | 10.94           | 7.97 | 20.04            |
| 11/24/2010 | 7.40   | 0.20            | 0.09         | 8.27            | 8.20 | 148.76           |
| 12/16/2010 | 9.33   | 0.14            | 0.06         | 11.42           | 7.91 | 86.68            |
| 12/22/2010 | 9.38   | 0.13            | 0.06         | 11.30           | 7.84 | 162.22           |
| 12/28/2010 | 9.20   | 0.13            | 0.06         | 12.03           | 7.80 | 93.48            |
| Mean       | 11.44  | 25.25           | 16.36        | 9.99            | 7.91 | 41.61            |

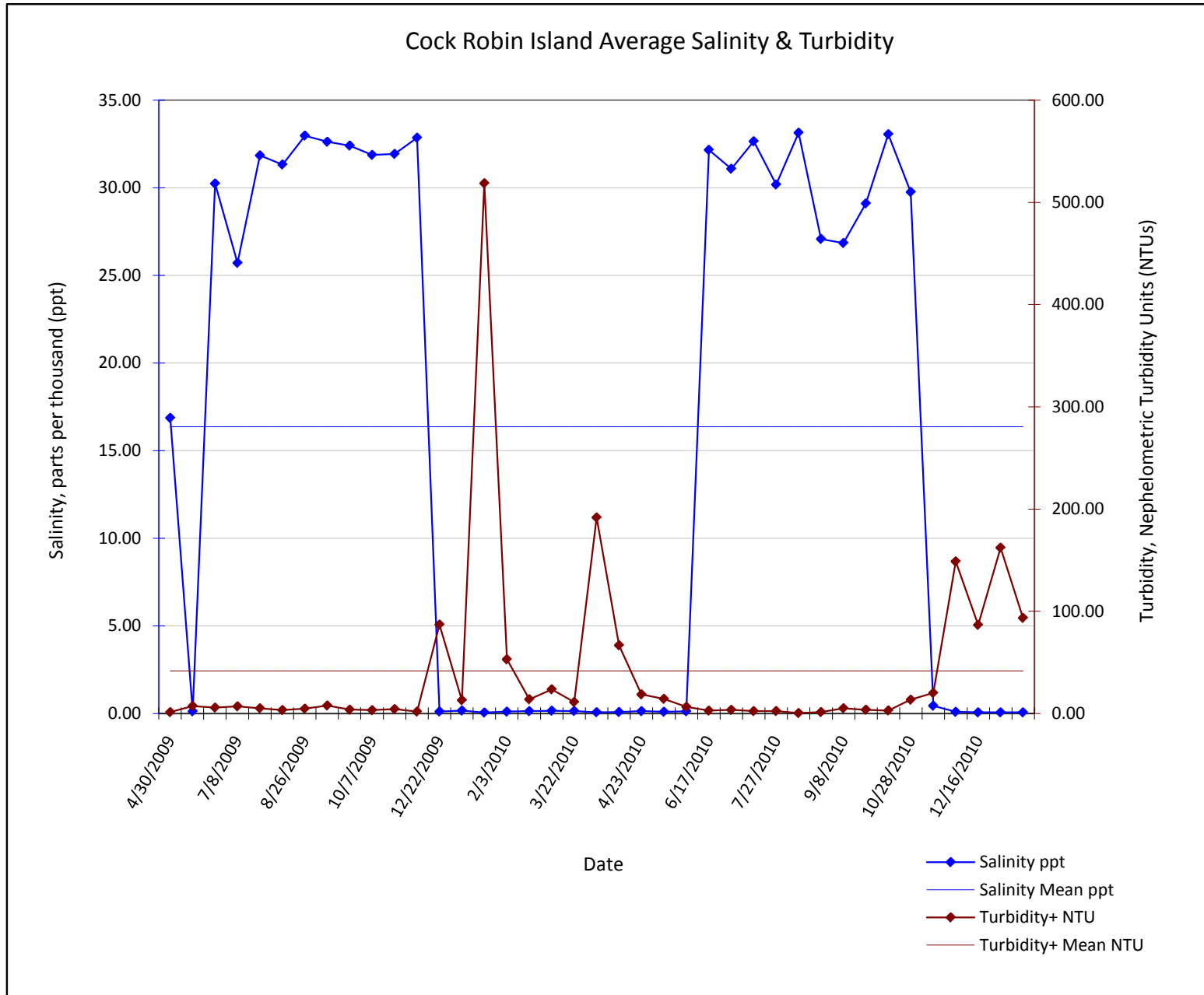
**Exceedance of Applicable Water Quality Criteria**

| Parameter        | Criteria          | Source   |
|------------------|-------------------|--|
| Dissolved Oxygen | 6.0 mg/L (min)    | NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries |
| pH               | 7.0 - 8.5 (range) | NCRQCB Basin Plan, Objectives for Inland Waters, Enclosed Bays and Estuaries |

# Cock Robin Island Water Quality Figures



# Cock Robin Island Water Quality Figures



# Cock Robin Island Water Quality Figures

