

Mad River Slough Data Summary

| Date | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | pH | Turbidity NTU |
|------------|--------|-----------------|--------------|-----------------|------|------------------|
| 1/7/2011 | 8.59 | 40.86 | 25.95 | 9.20 | 7.89 | 4.69 |
| 1/21/2011 | 11.09 | 42.56 | 27.27 | 8.93 | 7.95 | 11.40 |
| 2/4/2011 | 10.44 | 46.91 | 30.34 | 9.94 | 8.13 | 3.66 |
| 2/18/2011 | 8.90 | 38.77 | 24.51 | 9.32 | 7.57 | 11.26 |
| 3/4/2011 | 9.91 | 42.21 | 26.97 | 9.53 | 7.98 | 0.77 |
| 3/18/2011 | 9.76 | 34.11 | 21.33 | 9.69 | 7.76 | 18.66 |
| 4/4/2011 | 12.42 | 38.47 | 24.44 | 10.10 | 7.81 | 8.67 |
| 4/15/2011 | 11.73 | 44.71 | 28.83 | 8.67 | 7.91 | 5.38 |
| 4/29/2011 | 13.99 | 42.95 | 27.65 | 8.48 | 7.74 | 5.30 |
| 5/13/2011 | 13.62 | 32.42 | 20.36 | 8.00 | 7.69 | 6.10 |
| 5/27/2011 | 14.17 | 49.08 | 32.07 | 6.27 | 7.53 | 10.47 |
| 6/3/2011 | 15.82 | 43.17 | 27.86 | 7.37 | 7.75 | 10.55 |
| 6/17/2011 | 17.01 | 46.44 | 30.20 | 7.92 | 7.74 | 9.97 |
| 7/5/2011 | 19.39 | 43.89 | 28.37 | 8.39 | 7.95 | 6.01 |
| 7/14/2011 | 18.88 | 44.65 | 28.92 | 8.35 | 7.89 | 5.64 |
| 7/28/2011 | 20.71 | 50.29 | 33.02 | 7.05 | 7.79 | 6.16 |
| 8/11/2011 | 18.42 | 50.90 | 33.47 | 7.67 | 7.77 | 6.63 |
| 8/25/2011 | 19.68 | 51.25 | 33.72 | 7.44 | 7.88 | 5.41 |
| 9/8/2011 | 17.34 | 51.07 | 33.59 | 7.88 | 7.87 | 7.66 |
| 9/22/2011 | 18.50 | 50.91 | 33.48 | 7.44 | 7.75 | 5.90 |
| 10/6/2011 | 14.74 | 49.12 | 32.11 | 9.24 | 7.70 | 9.56 |
| 10/13/2011 | 17.13 | | | 9.48 | 7.74 | 5.36 |
| 10/28/2011 | 13.23 | 49.76 | 32.53 | 8.43 | 7.85 | 5.76 |
| 11/10/2011 | 10.86 | 49.74 | 32.41 | 9.21 | 7.75 | 5.81 |
| 11/28/2011 | 11.35 | 47.43 | 30.77 | 8.04 | 7.71 | 14.67 |
| 12/8/2011 | 8.55 | 47.16 | 30.40 | 9.23 | 7.86 | 6.04 |
| 12/15/2011 | 8.90 | 49.66 | 32.21 | 10.39 | 7.76 | 5.63 |
| 12/22/2011 | 7.53 | 50.29 | 32.55 | 9.22 | 7.81 | 7.66 |
| 1/6/2012 | 9.76 | 47.52 | 30.74 | 8.49 | 8.00 | 4.61 |
| 1/20/2012 | 8.98 | 45.12 | 28.97 | 8.84 | 8.07 | 10.95 |
| 1/27/2012 | 11.16 | 34.66 | 21.76 | 8.73 | 7.71 | 9.53 |
| 2/9/2012 | 11.55 | 44.74 | 28.84 | 8.67 | 7.91 | 7.44 |
| 2/23/2012 | 11.43 | 44.08 | 28.37 | 9.43 | 7.93 | 9.60 |
| 3/9/2012 | 11.20 | 44.96 | 28.98 | 10.25 | 8.09 | 6.32 |
| 3/23/2012 | 11.37 | 37.82 | 23.96 | 9.97 | 7.79 | 17.05 |
| 4/6/2012 | 12.07 | 32.52 | 20.31 | 9.68 | 7.85 | 19.67 |
| 4/20/2012 | 14.16 | 39.40 | 25.13 | 7.58 | 7.77 | 8.68 |
| 5/4/2012 | 14.57 | 43.08 | 27.75 | 8.99 | 8.07 | 14.99 |
| 5/18/2012 | 16.15 | 48.20 | 31.47 | 7.94 | 8.10 | 12.70 |
| 6/1/2012 | 17.34 | 48.08 | 31.40 | 7.33 | 8.13 | 7.79 |
| 6/15/2012 | 16.78 | 49.45 | 32.39 | 7.80 | 8.01 | 5.20 |
| 6/29/2012 | 18.63 | 50.51 | 33.18 | 7.66 | 7.79 | 6.21 |
| 7/13/2012 | 18.30 | 50.66 | 33.29 | 6.81 | 7.84 | 7.74 |
| 7/20/2012 | 18.37 | 50.90 | 33.47 | 8.22 | 7.99 | 7.18 |
| 8/7/2012 | 18.35 | 51.20 | 33.69 | 6.36 | 7.84 | 8.93 |
| 8/17/2012 | 18.59 | 51.61 | 34.00 | 6.88 | 8.07 | 7.92 |

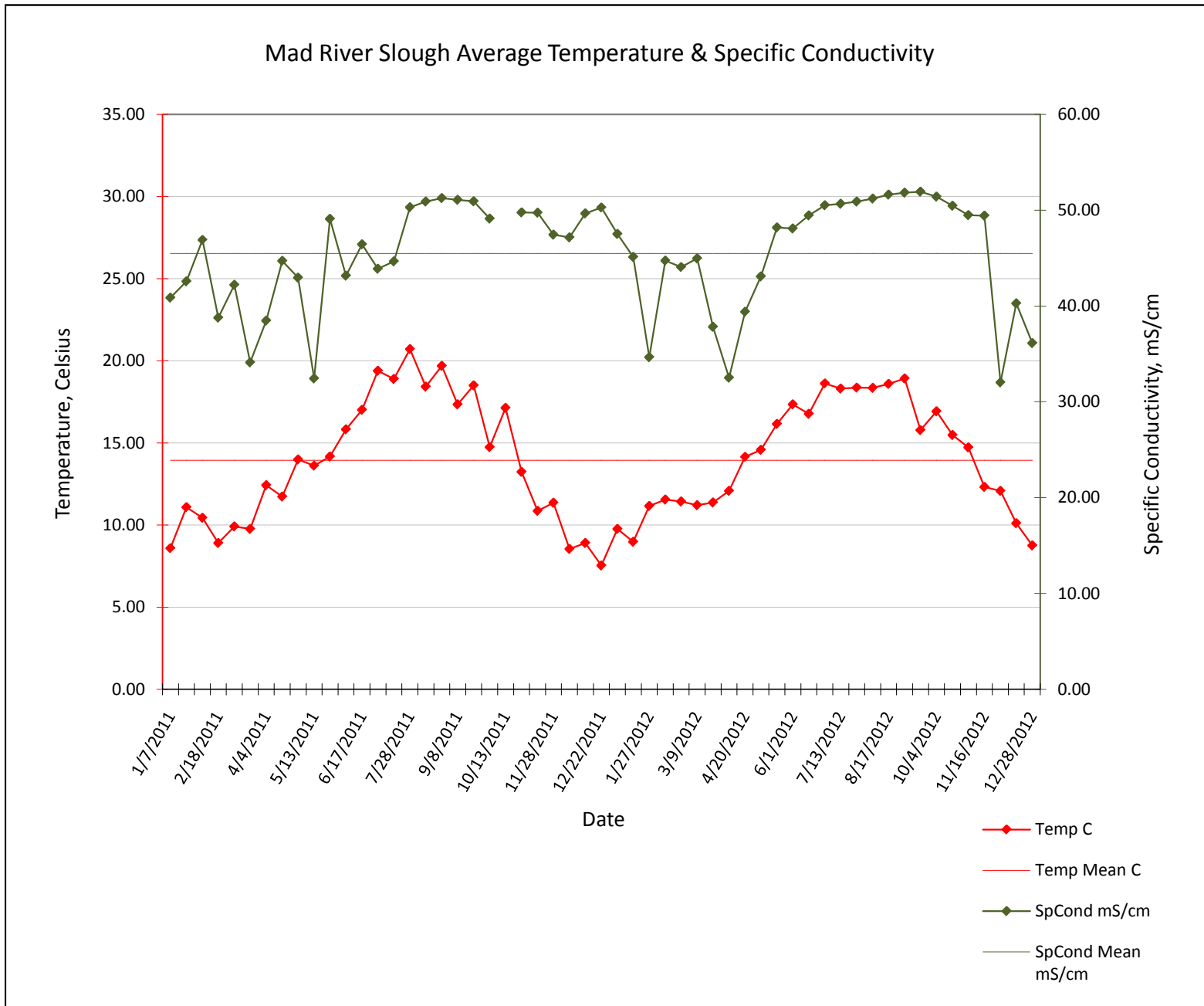
Mad River Slough Data Summary

| Date | Temp C | SpCond mS/cm | Salinity ppt | DO Conc mg/L | pH | Turbidity NTU |
|------------|--------|-----------------|--------------|-----------------|------|------------------|
| 8/29/2012 | 18.91 | 51.82 | 34.15 | 7.68 | 8.06 | 9.02 |
| 9/20/2012 | 15.78 | 51.93 | 34.20 | 6.88 | 7.89 | 8.23 |
| 10/4/2012 | 16.92 | 51.41 | 33.83 | 7.61 | 7.90 | 6.60 |
| 10/18/2012 | 15.48 | 50.46 | 33.11 | 7.43 | 7.86 | 8.25 |
| 11/2/2012 | 14.72 | 49.49 | 32.38 | 8.11 | 7.90 | 4.26 |
| 11/16/2012 | 12.32 | 49.42 | 32.25 | 8.65 | 7.91 | 4.50 |
| 12/4/2012 | 12.07 | 32.02 | 19.97 | 9.20 | 7.72 | 55.46 |
| 12/14/2012 | 10.10 | 40.28 | 25.63 | 8.58 | 7.81 | 23.02 |
| 12/28/2012 | 8.76 | 36.12 | 22.67 | 8.94 | 7.81 | 13.60 |
| Mean | 13.94 | 45.49 | 29.47 | 8.43 | 7.86 | 9.39 |

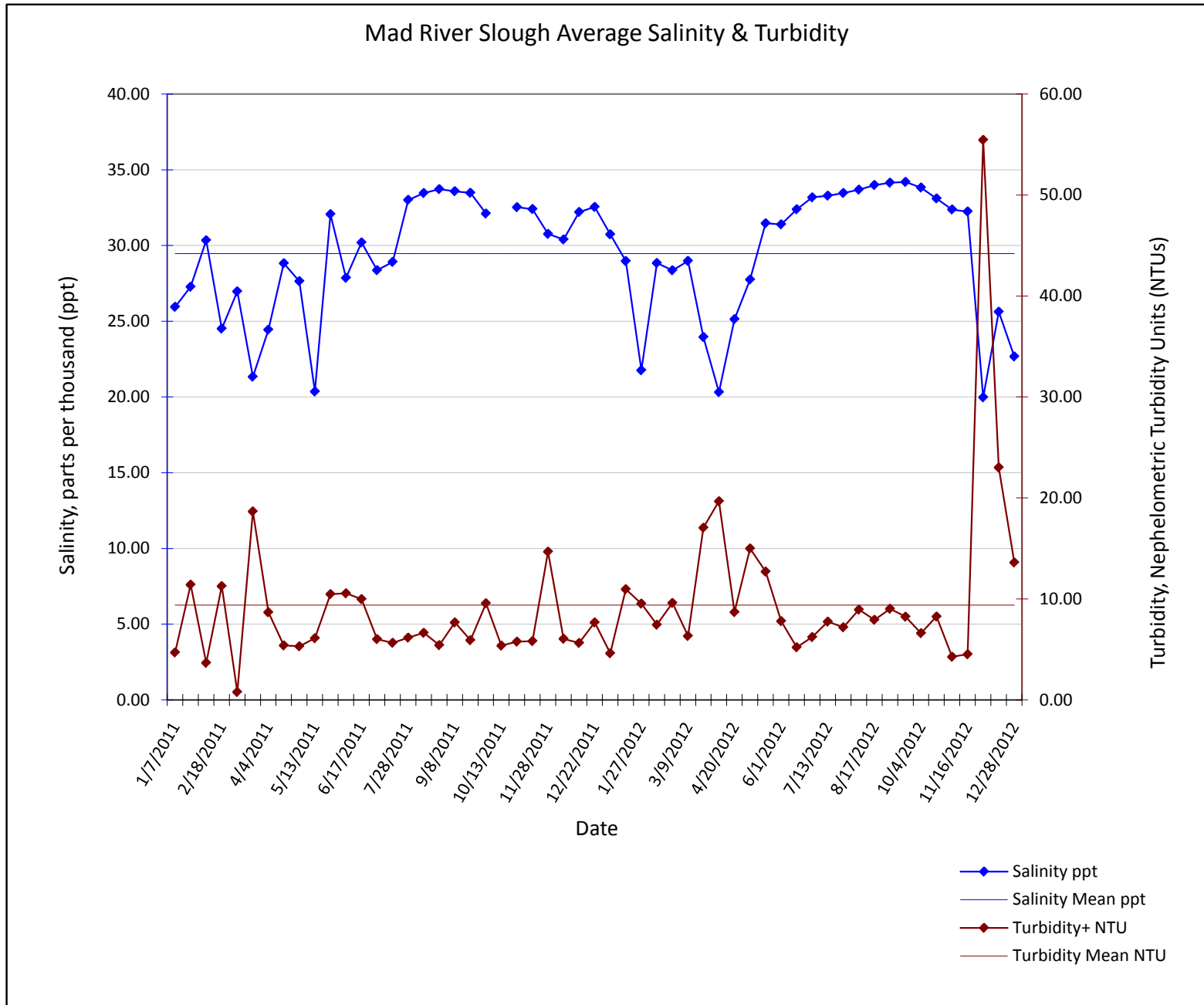
Exceedance of Applicable Water Quality Criteria

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

Mad River Slough Water Quality Figures



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