



Sonoma Water

State Water Resources Control Board Temporary Urgency Change Order (5/19/2023) Russian River Water Quality Report May 19 – May 25, 2023

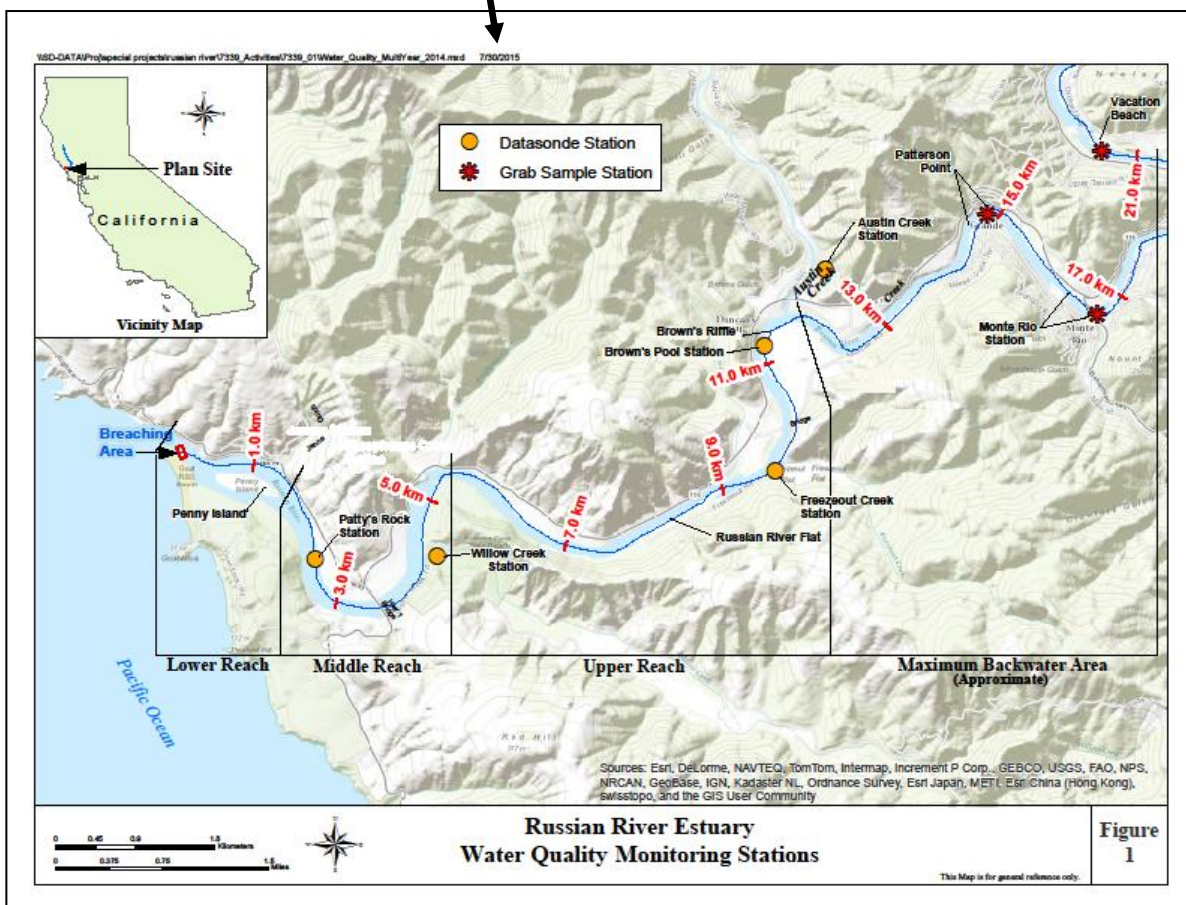
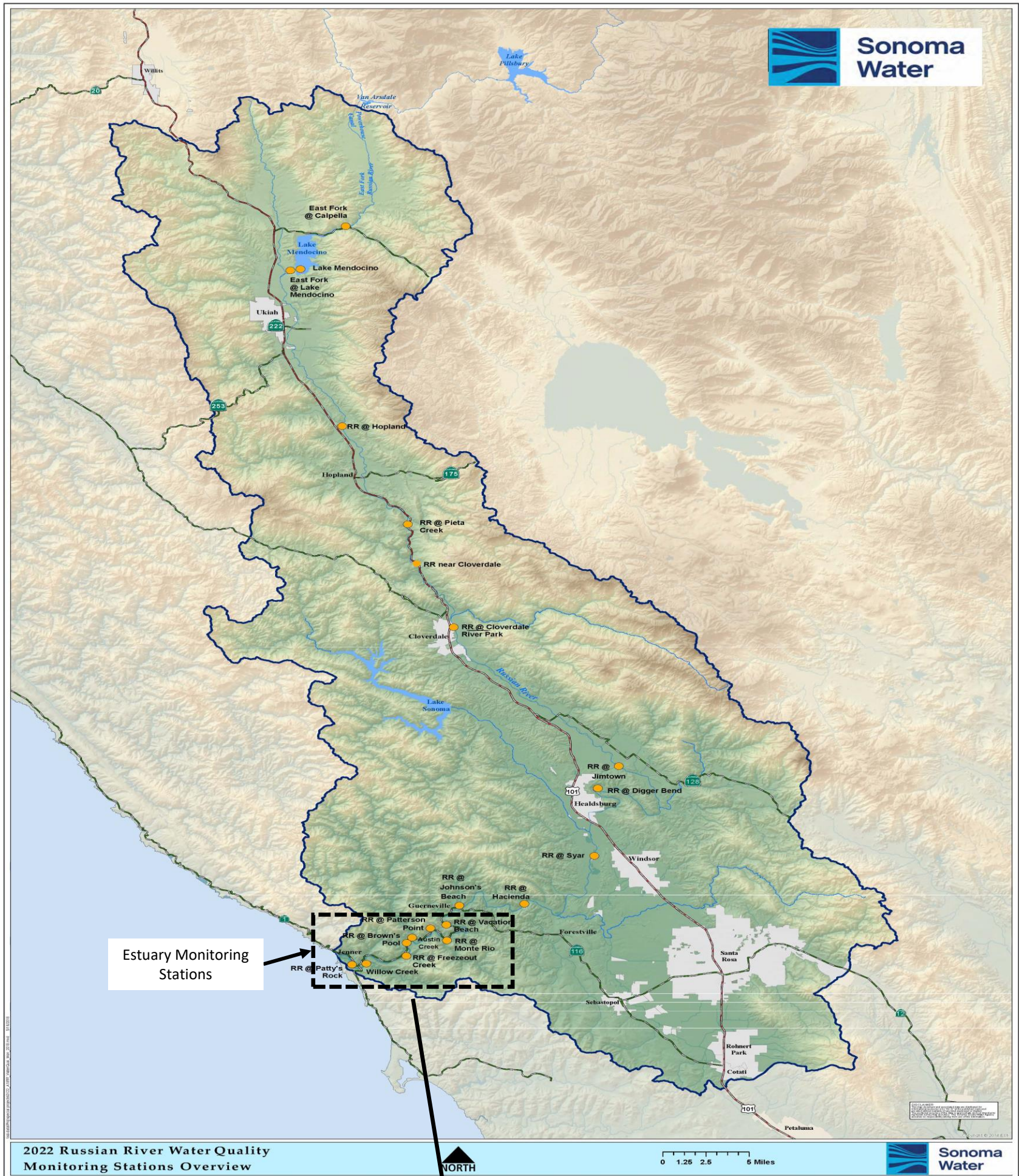


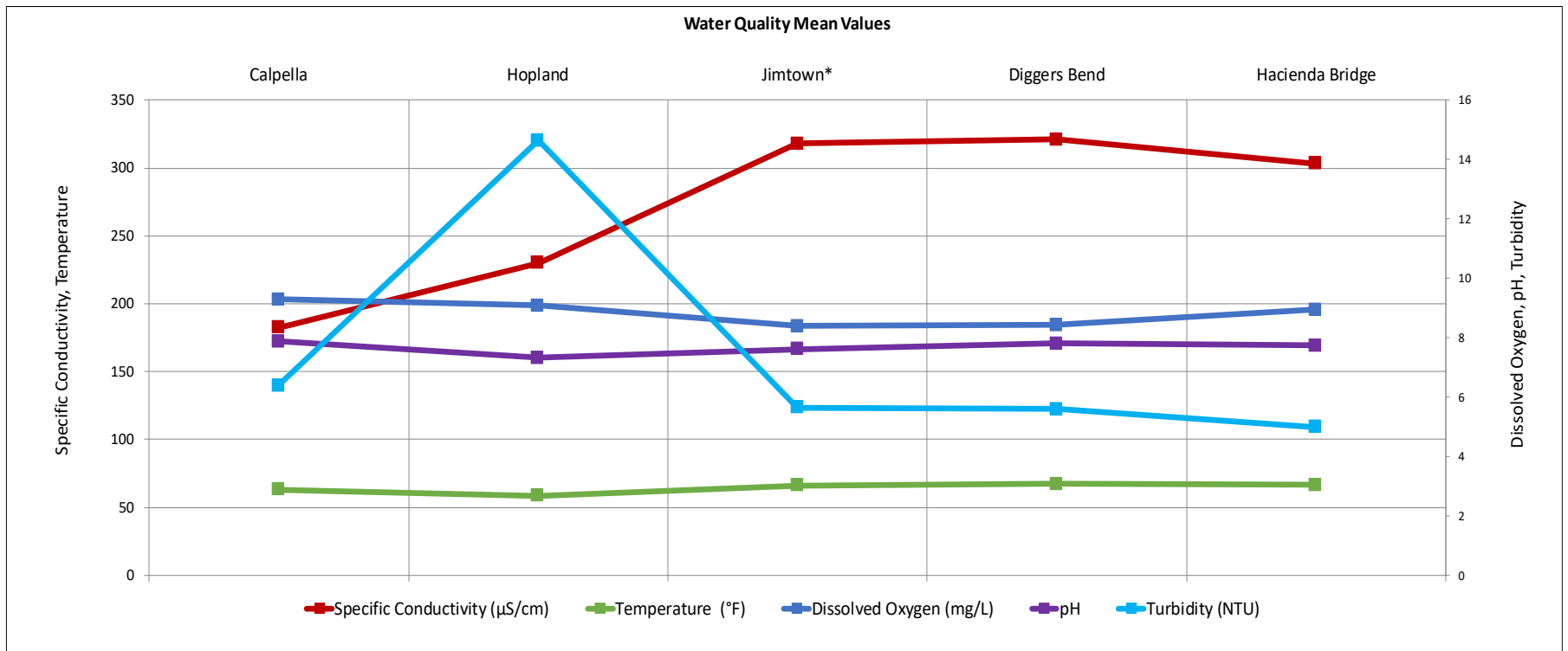
Figure 1

Russian River Water Quality Sondes (May 19 – May 25, 2023)

Provisional Data Subject to Revision

| Parameter | | Calpella | Hopland | Cloverdale* | Jimtown* | Diggers Bend | River Diversion System at Mirabel* | Hacienda Bridge | Johnsons Beach* |
|---------------------------------|------|---------------|---------------|---------------|---------------|---------------|------------------------------------|-----------------|-----------------|
| | | USGS 11461500 | USGS 11462500 | USGS 11463000 | USGS 11463682 | USGS 11463980 | SCWA | USGS 11467000 | SCWA |
| Temperature (°F) | Min | 59.7 | 55.6 | | 63.1 | 63.5 | | 63.0 | |
| | Max | 66.7 | 61.7 | | 70.0 | 71.4 | | 69.6 | |
| | Mean | 63.0 | 58.7 | | 66.0 | 67.1 | | 66.3 | |
| Specific Conductivity (µS/cm) | Min | 179.0 | 220.0 | | 309.0 | 314.0 | | 301.0 | |
| | Max | 189.0 | 237.0 | | 327.0 | 330.0 | | 306.0 | |
| | Mean | 182.5 | 229.9 | | 318.1 | 320.9 | | 303.2 | |
| Dissolved Oxygen (mg/L) | Min | 8.9 | 8.3 | | 7.7 | 7.4 | | 7.9 | |
| | Max | 9.6 | 9.8 | | 9.2 | 9.8 | | 10.4 | |
| | Mean | 9.3 | 9.1 | | 8.4 | 8.4 | | 8.9 | |
| Dissolved Oxygen (% Saturation) | Min | 93.7 | 80.5 | | 82.0 | 80.1 | | 83.8 | |
| | Max | 100.9 | 97.7 | | 102.0 | 110.1 | | 115.3 | |
| | Mean | 96.5 | 89.8 | | 90.3 | 91.8 | | 96.5 | |
| pH | Min | 7.8 | 7.2 | | 7.5 | 7.7 | | 7.6 | |
| | Max | 8.0 | 7.4 | | 7.7 | 8.0 | | 7.9 | |
| | Mean | 7.9 | 7.3 | | 7.6 | 7.8 | | 7.7 | |
| Turbidity (NTU) | Min | 4.6 | 12.3 | | 4.3 | 4.3 | | 3.9 | |
| | Max | 8.1 | 16.5 | | 7.1 | 8.5 | | 9.3 | |
| | Mean | 6.4 | 14.6 | | 5.6 | 5.6 | | 5.0 | |

*Station operated seasonally

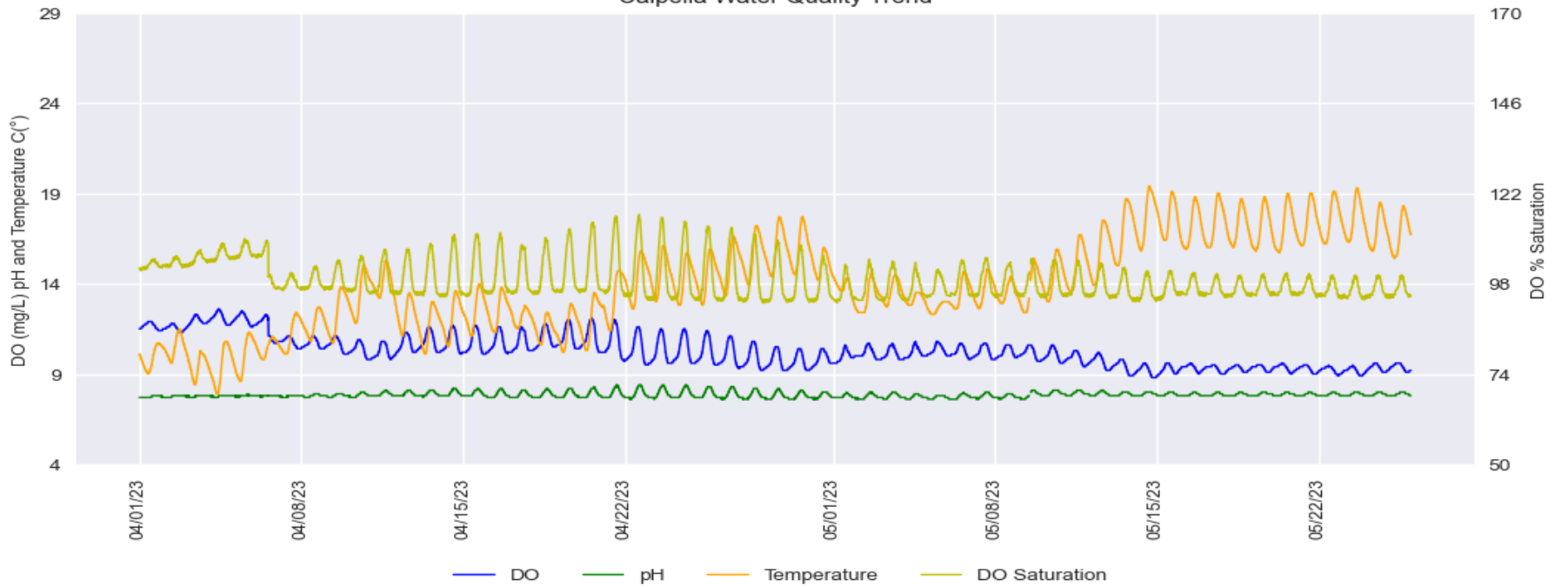


Russian River Water Quality April 1 – May 25, 2023

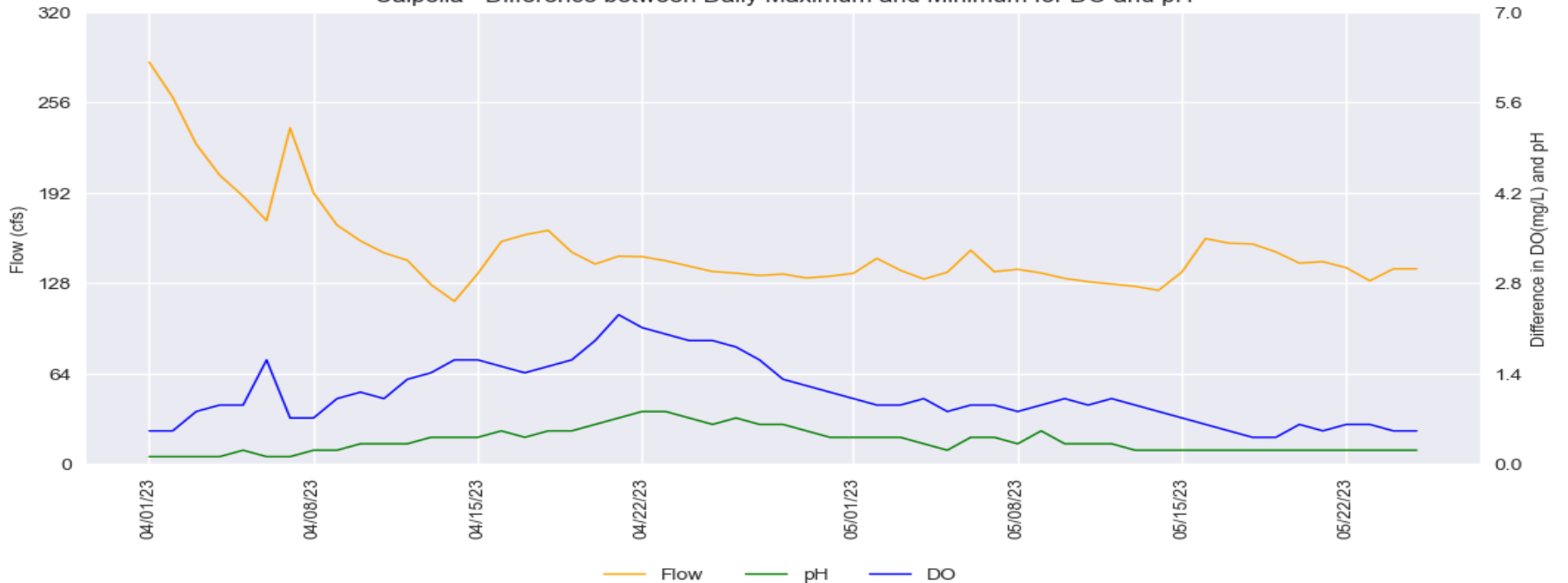
Provisional Data Subject to Revision

Calpella (East Fork Russian River)

Calpella Water Quality Trend



Calpella - Difference between Daily Maximum and Minimum for DO and pH

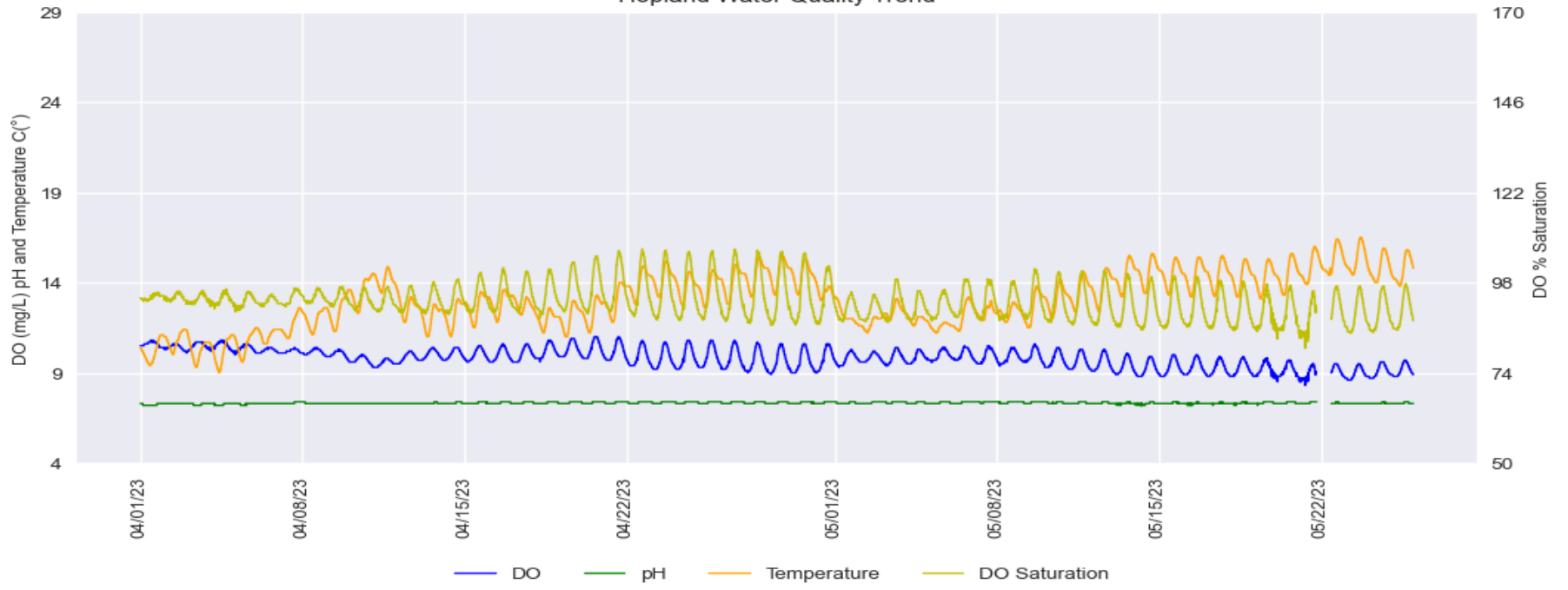


Russian River Water Quality April 1 – May 25, 2023

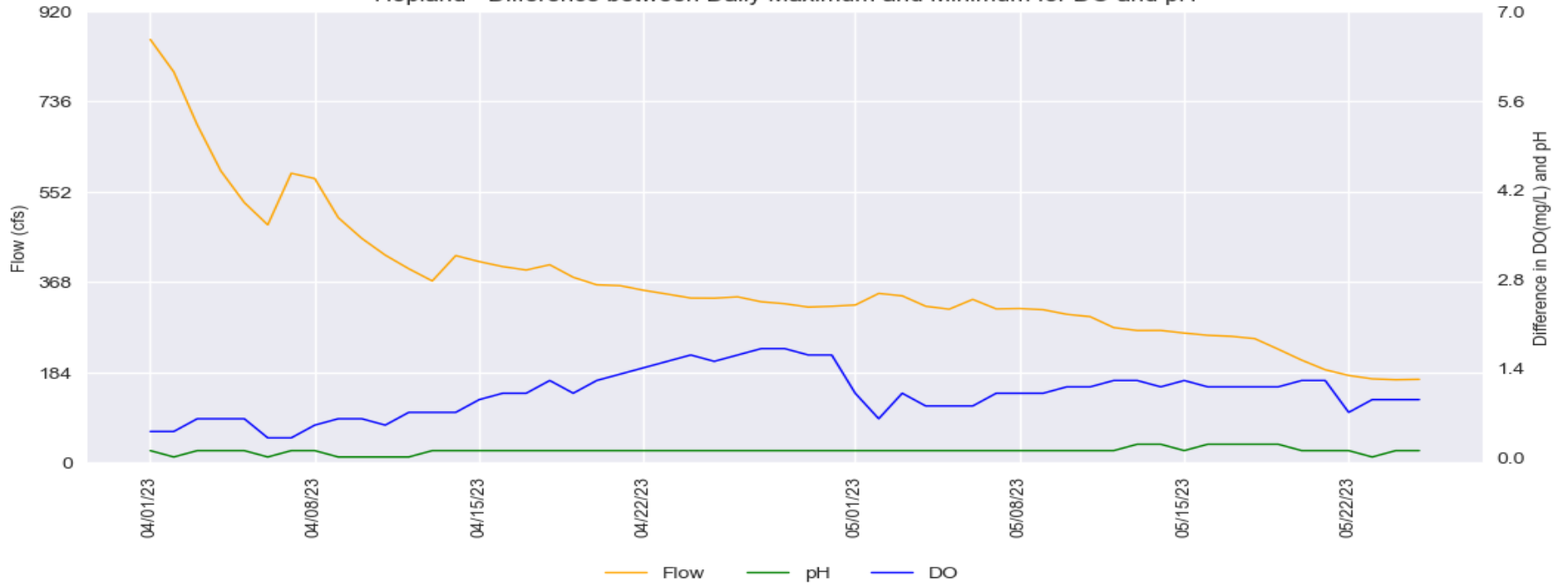
Provisional Data Subject to Revision

Hopland

Hopland Water Quality Trend

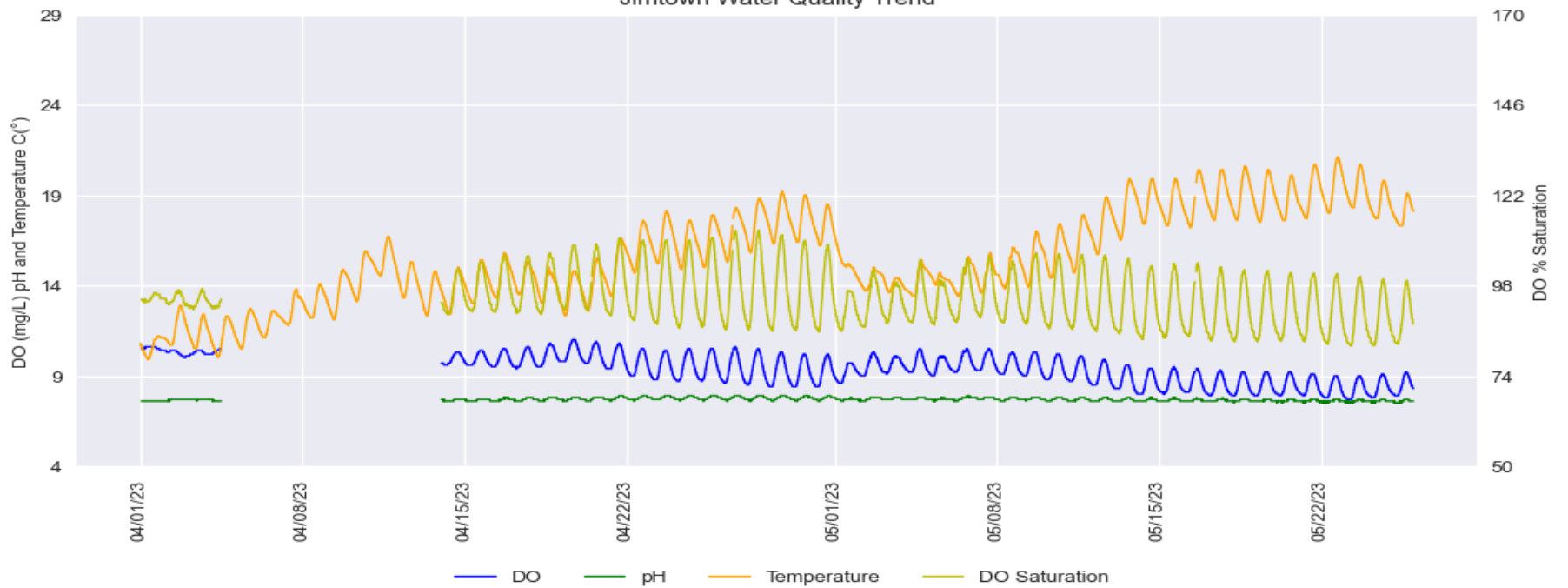


Hopland - Difference between Daily Maximum and Minimum for DO and pH

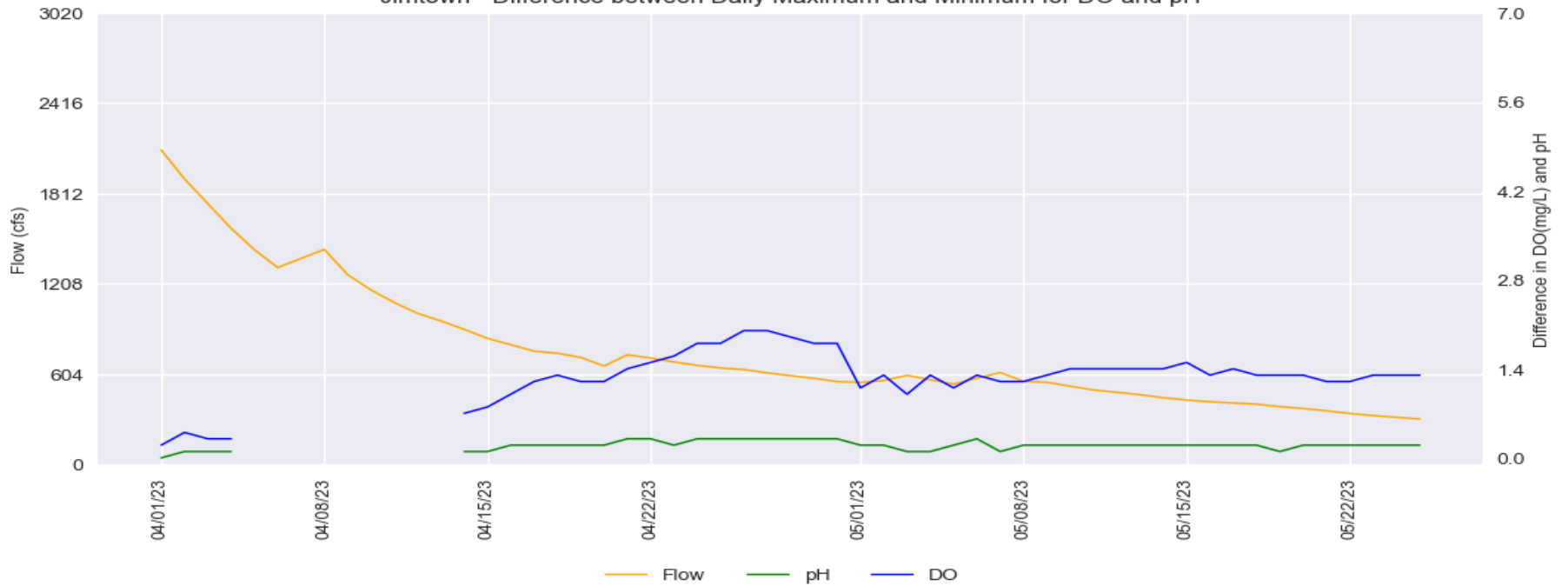


Jimtown

Jimtown Water Quality Trend



Jimtown - Difference between Daily Maximum and Minimum for DO and pH

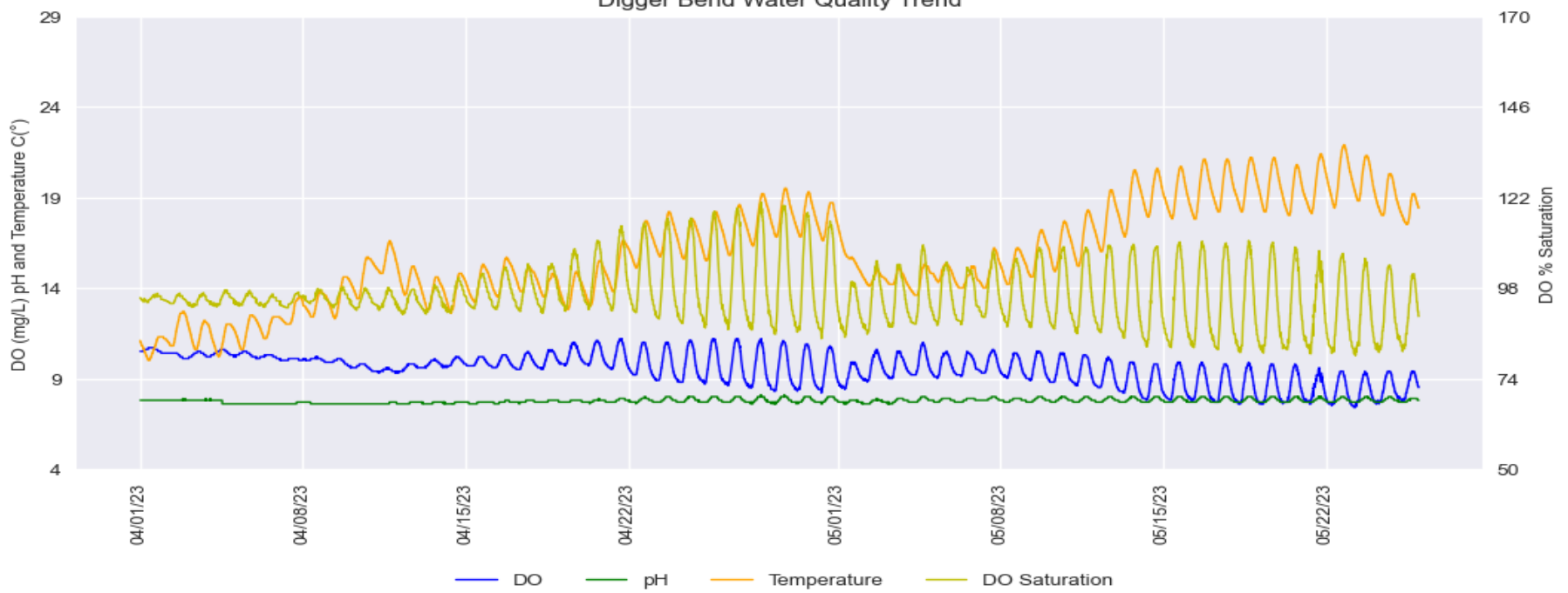


Russian River Water Quality April 1 – May 25, 2023

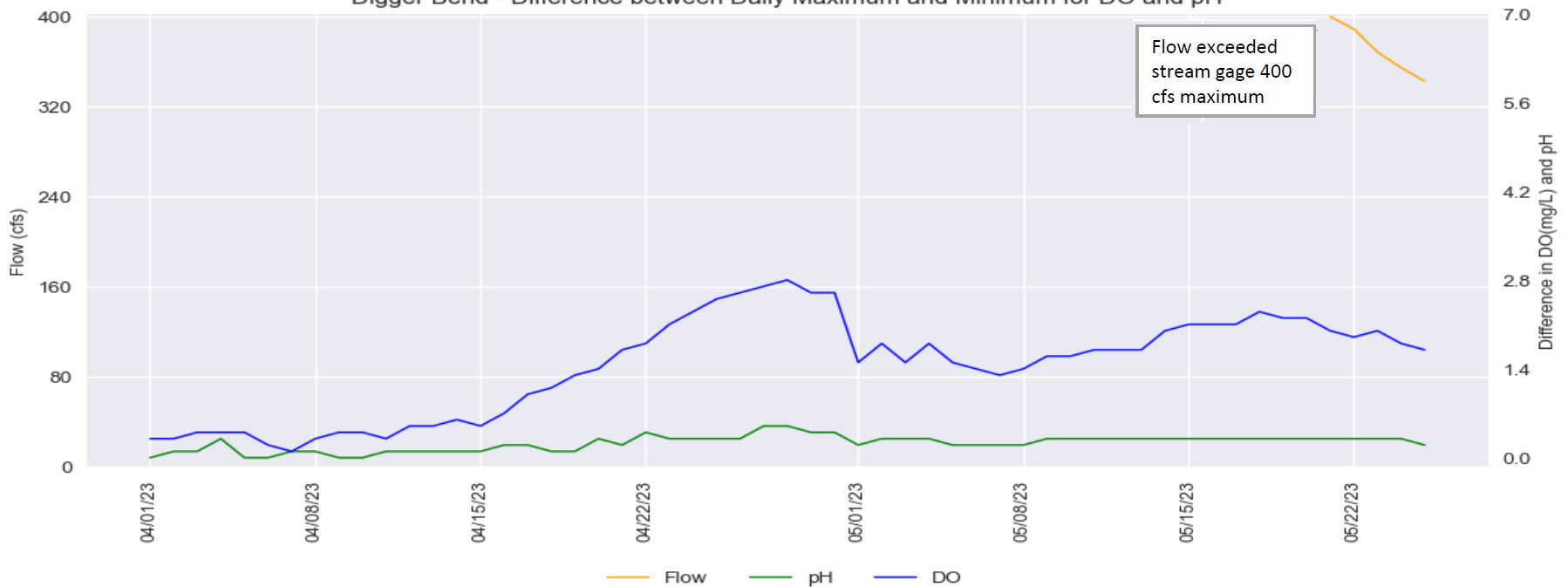
Provisional Data Subject to Revision

Diggers Bend

Digger Bend Water Quality Trend

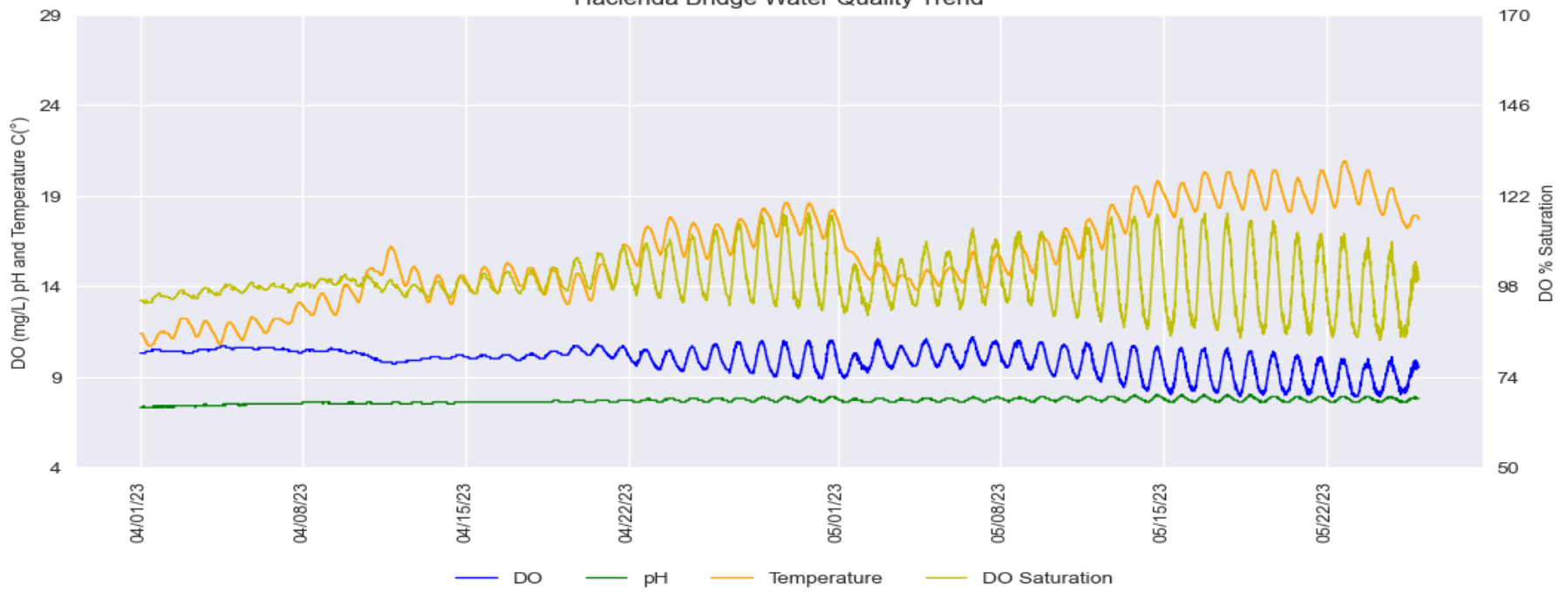


Digger Bend - Difference between Daily Maximum and Minimum for DO and pH



Hacienda Bridge

Hacienda Bridge Water Quality Trend



Hacienda Bridge - Difference between Daily Maximum and Minimum for DO and pH

