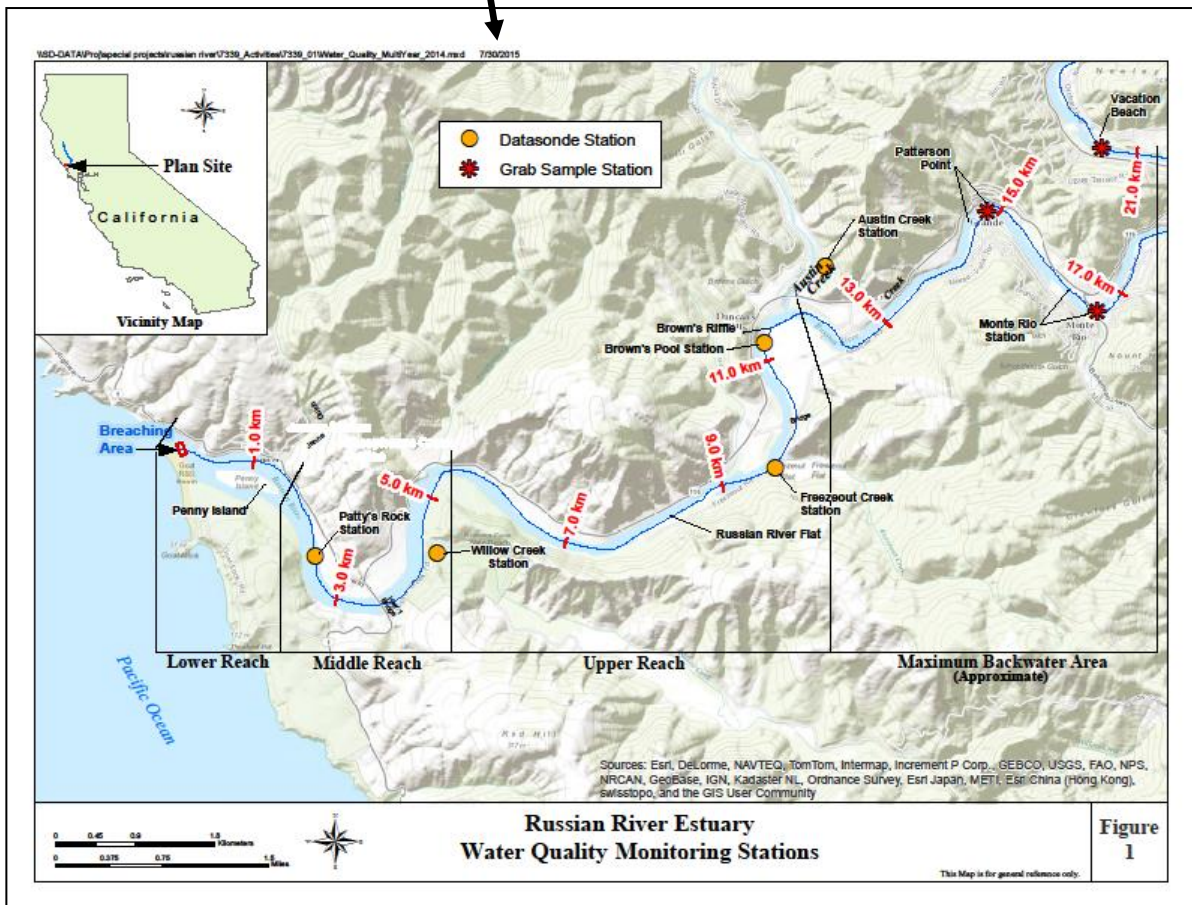
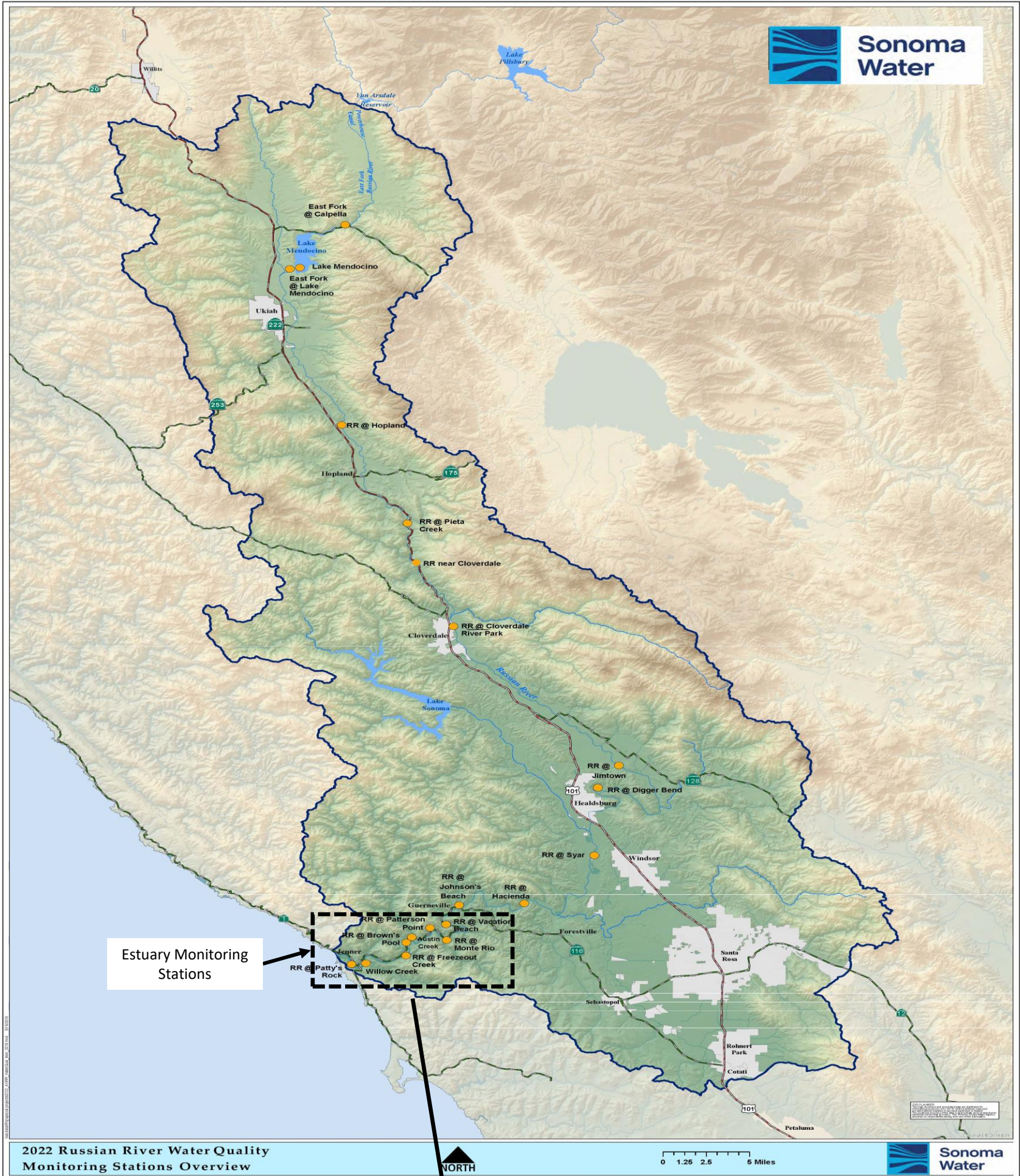




Sonoma Water

# State Water Resources Control Board Temporary Urgency Change Order (5/19/2023) Russian River Water Quality Report June 2 – June 8, 2023

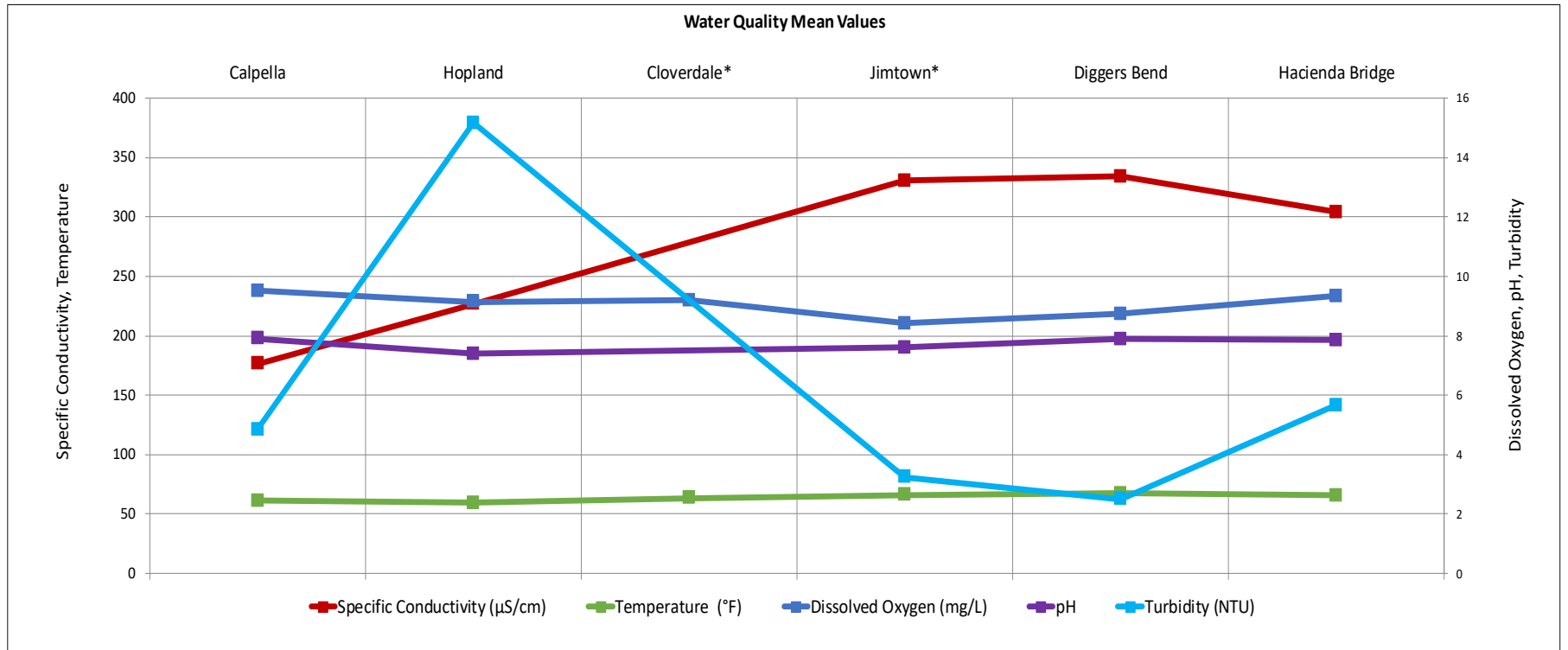


## Russian River Water Quality Sondes (May 26 – June 8, 2023)

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  | 57.4          | 56.7          | 60.1          | 62.1          | 62.6          |                                    | 61.5            |                 |
|                                 | Max  | 65.3          | 63.0          | 68.4          | 71.8          | 72.9          |                                    | 70.5            |                 |
|                                 | Mean | 61.3          | 59.2          | 63.2          | 66.0          | 67.1          |                                    | 65.7            |                 |
| Specific Conductivity (µS/cm)   | Min  | 172.0         | 222.0         |               | 329.0         | 332.0         |                                    | 300.0           |                 |
|                                 | Max  | 188.0         | 231.0         |               | 333.0         | 337.0         |                                    | 306.0           |                 |
|                                 | Mean | 176.4         | 226.6         |               | 330.7         | 334.1         |                                    | 303.9           |                 |
| Dissolved Oxygen (mg/L)         | Min  | 9.0           | 8.5           | 8.2           | 7.4           | 7.5           |                                    | 7.8             |                 |
|                                 | Max  | 10.0          | 9.9           | 10.4          | 9.9           | 10.2          |                                    | 11.5            |                 |
|                                 | Mean | 9.5           | 9.1           | 9.2           | 8.4           | 8.7           |                                    | 9.3             |                 |
| Dissolved Oxygen (% Saturation) | Min  | 93.9          | 83.9          | 86.2          | 79.4          | 81.7          |                                    | 83.7            |                 |
|                                 | Max  | 102.0         | 101.4         | 112.3         | 107.6         | 112.4         |                                    | 127.2           |                 |
|                                 | Mean | 96.9          | 90.9          | 95.8          | 90.6          | 95.2          |                                    | 100.3           |                 |
| pH                              | Min  | 7.8           | 7.2           |               | 7.5           | 7.7           |                                    | 7.6             |                 |
|                                 | Max  | 8.1           | 7.5           |               | 7.8           | 8.1           |                                    | 8.2             |                 |
|                                 | Mean | 7.9           | 7.4           |               | 7.6           | 7.9           |                                    | 7.9             |                 |
| Turbidity (NTU)                 | Min  | 2.9           | 14.1          |               | 2.5           | 1.8           |                                    | 4.2             |                 |
|                                 | Max  | 7.3           | 16.6          |               | 4.2           | 3.6           |                                    | 8.4             |                 |
|                                 | Mean | 4.8           | 15.2          |               | 3.2           | 2.5           |                                    | 5.7             |                 |

\*Station operated seasonally

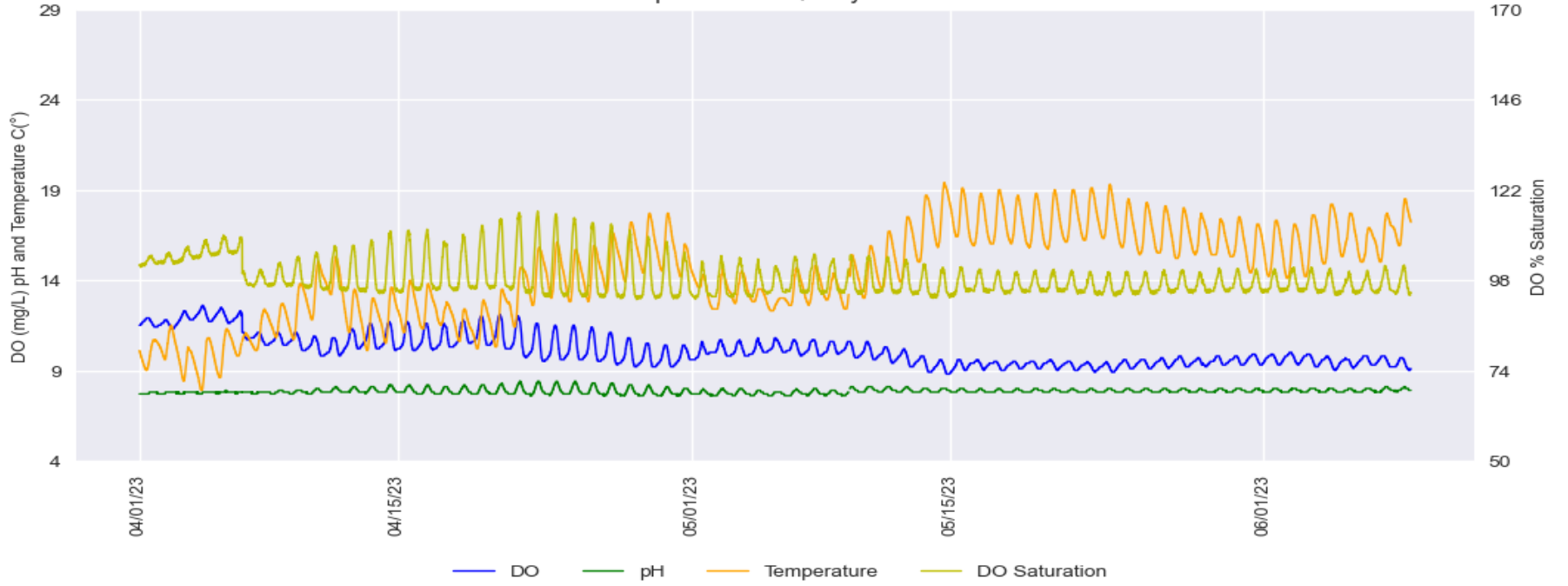


## Russian River Water Quality April 1 – June 8, 2023

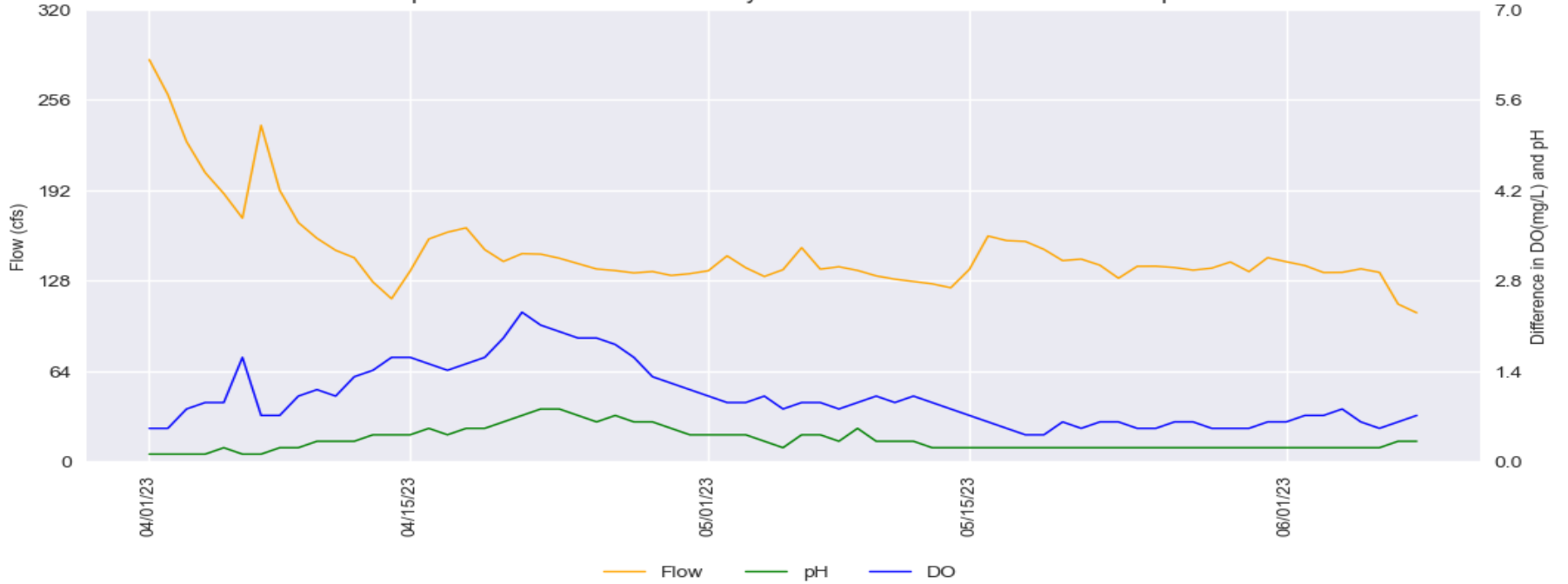
Provisional Data Subject to Revision

### Calpella (East Fork Russian River)

#### Calpella Water Quality Trend



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

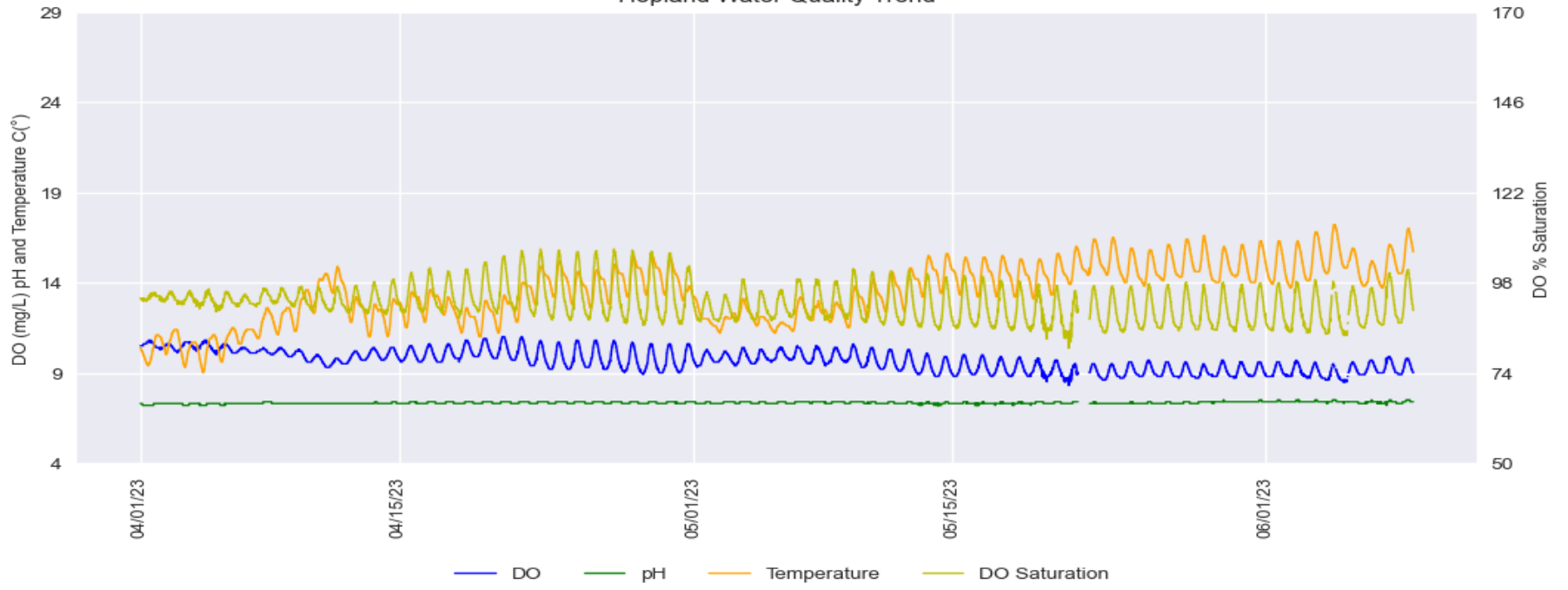


Russian River Water Quality April 1 – June 8, 2023

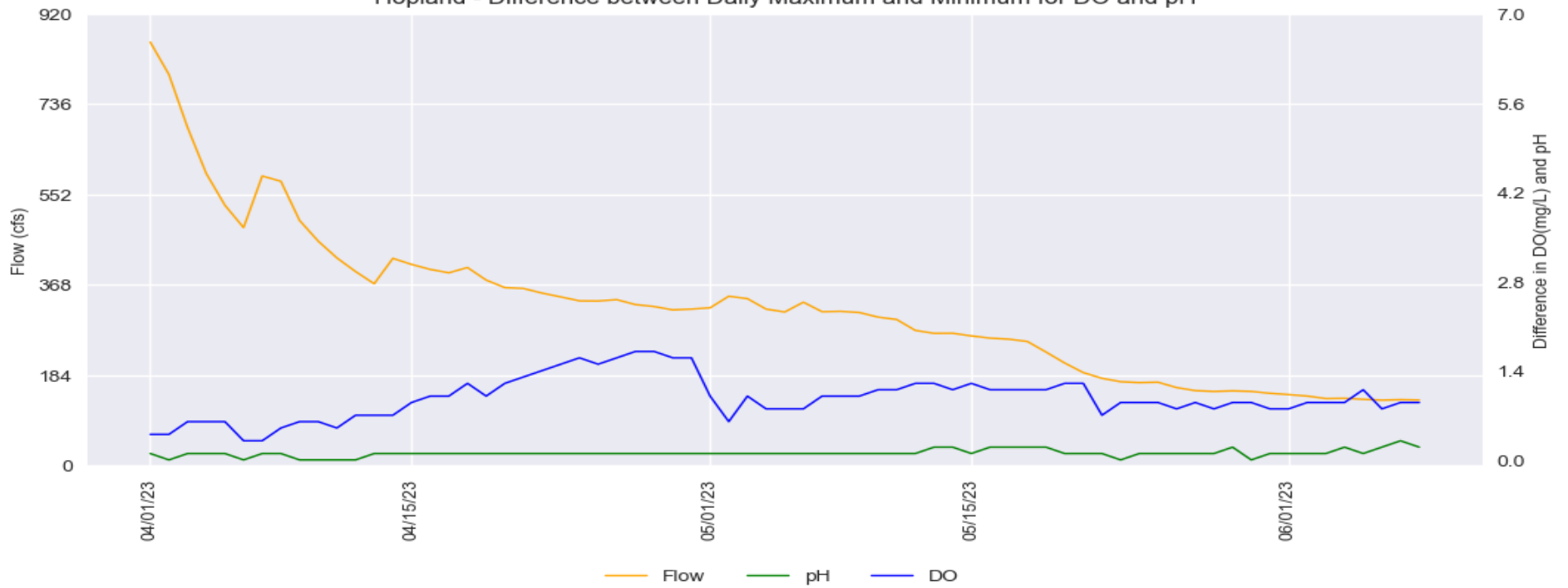
Provisional Data Subject to Revision

**Hopland**

Hopland Water Quality Trend

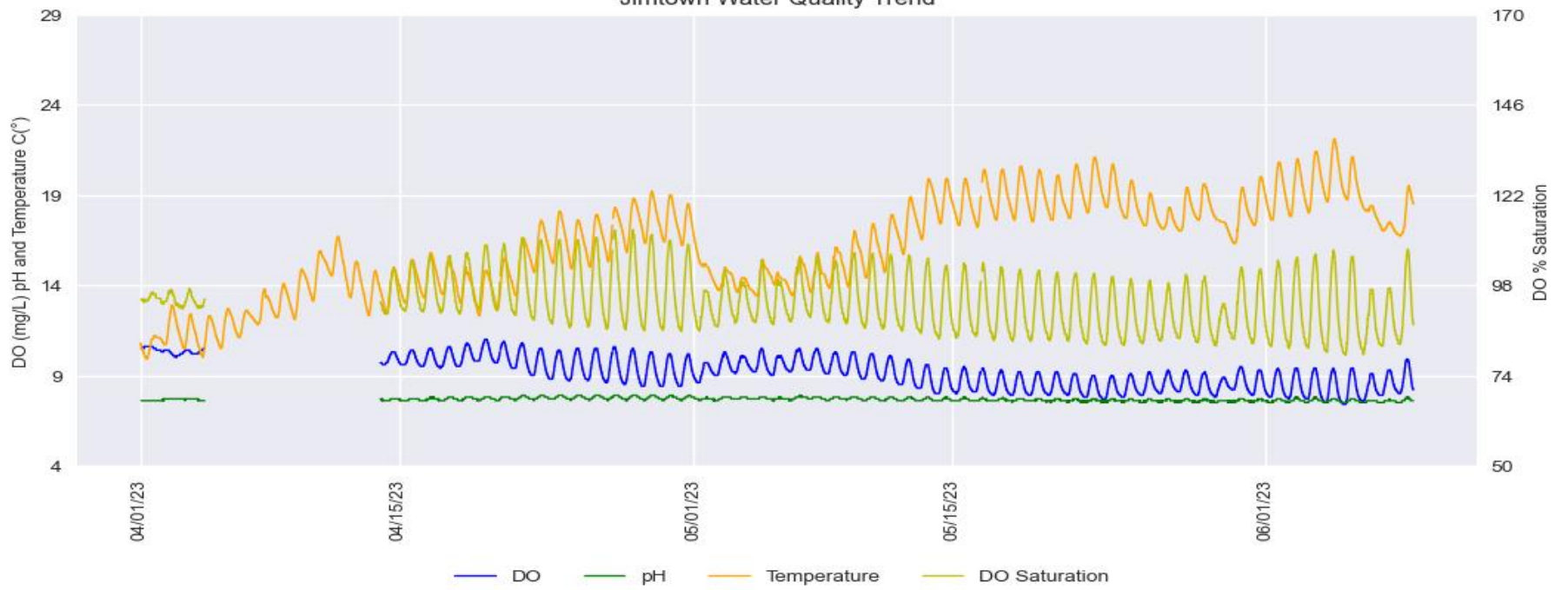


Hopland - Difference between Daily Maximum and Minimum for DO and pH

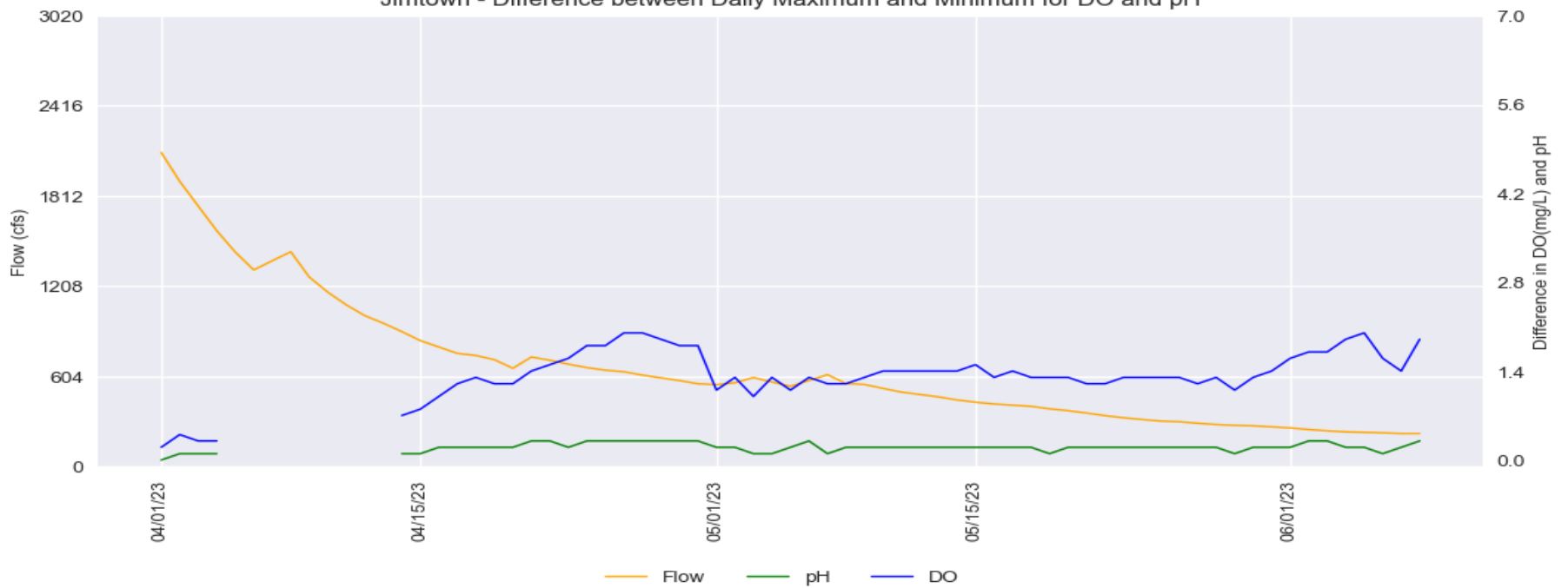


**Jimtown**

Jimtown Water Quality Trend



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

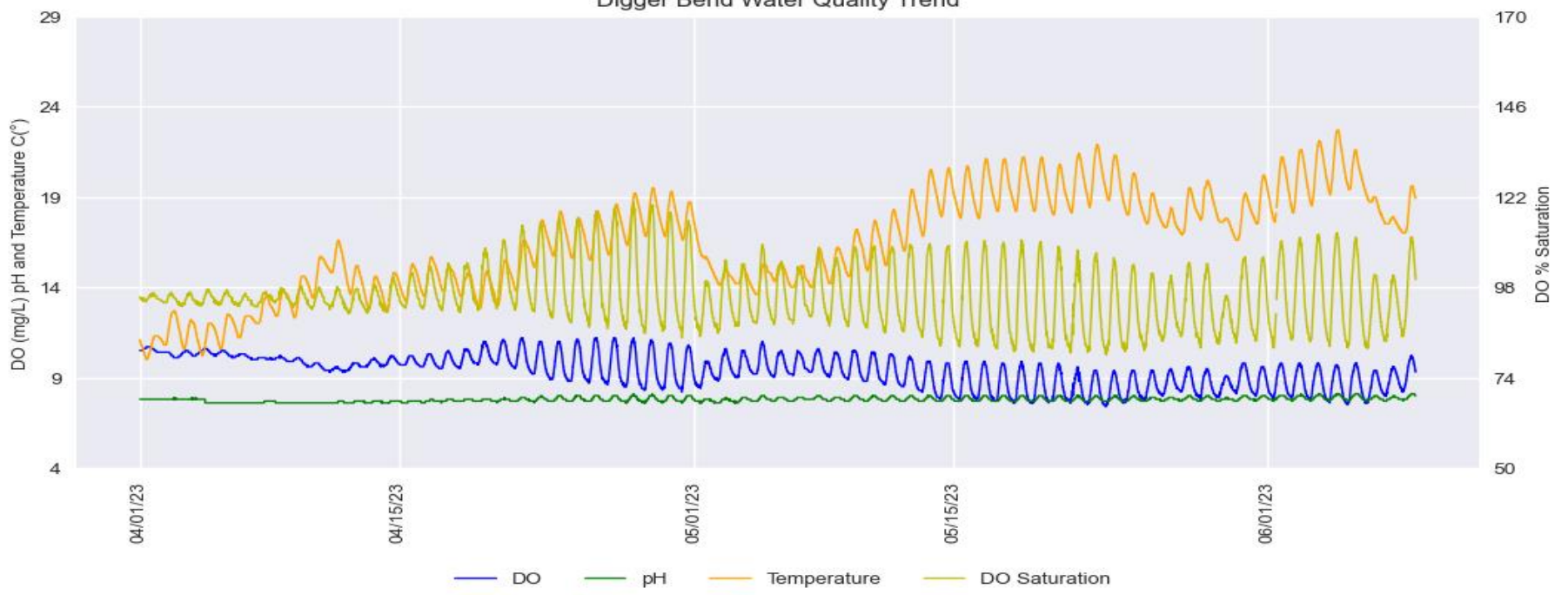


# Russian River Water Quality April 1 – June 8, 2023

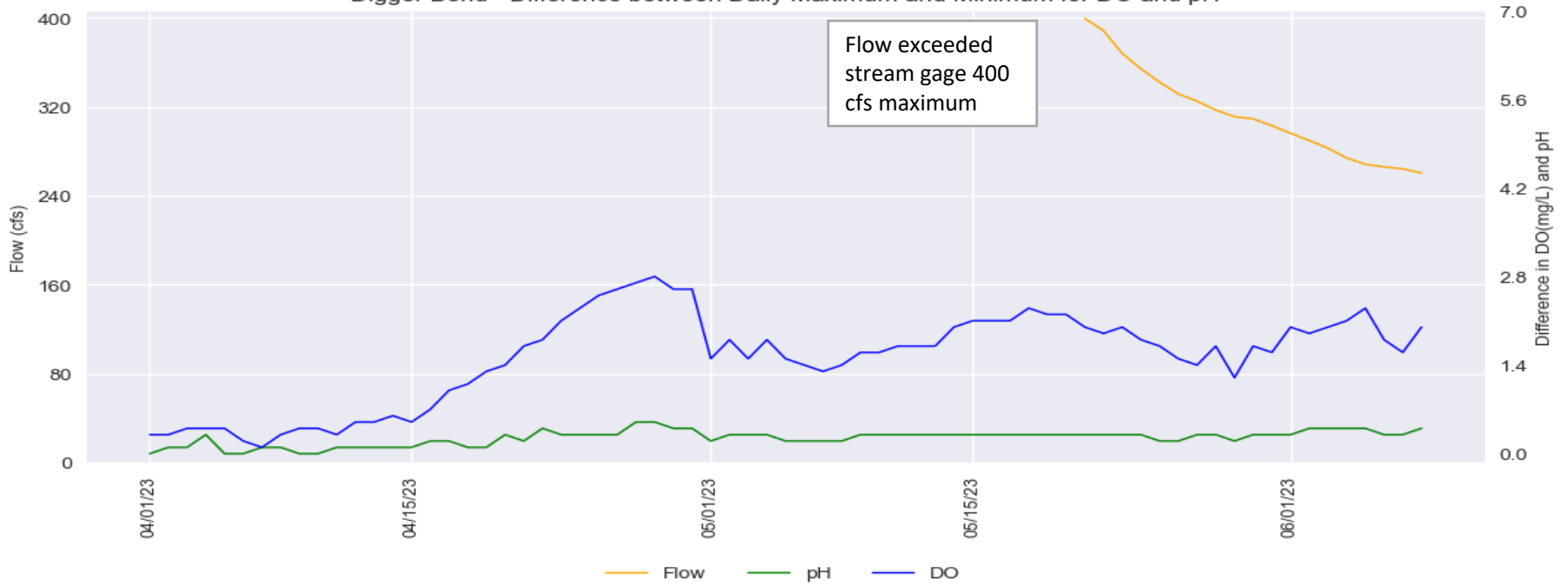
Provisional Data Subject to Revision

## Diggers Bend

### Digger Bend Water Quality Trend

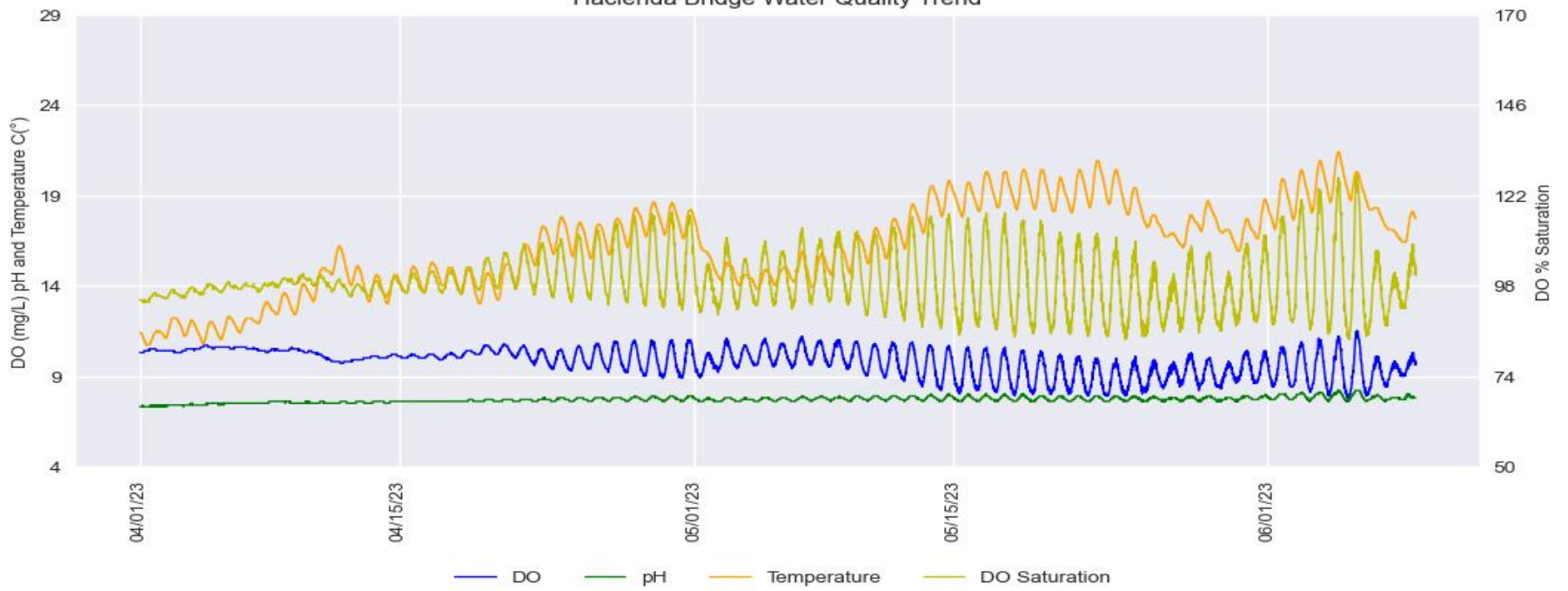


### Digger Bend - Difference between Daily Maximum and Minimum for DO and pH



## Hacienda Bridge

### Hacienda Bridge Water Quality Trend



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

