

# **W385/W386 Operational Test**

## **Baseline Hydrologic Data**

### **Quarterly Update**

Groundwater Level and Surface  
Water Data

**Prepared by: Eastern Sierra Environmental Group**

**Los Angeles Department of Water and Power**

**July, 2023**

## Monitoring Well Information

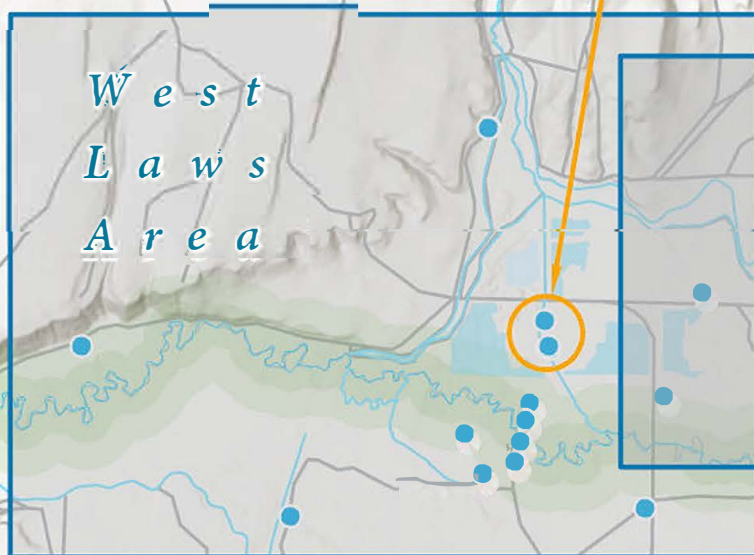
| Well   | Total Depth (ft) | RP Offset from Ground (ft) | RP Elevation (ft-amsl) | Distance from W385/W386 (mi) |
|--------|------------------|----------------------------|------------------------|------------------------------|
| FS #1  | 61               | 1.82                       | 4,230.07*              | 7.1                          |
| FS #2  | 46               | 1.80                       | 4,185.25*              | 4.0                          |
| FS #3D | 145              | 2.59                       | 4,194.84               | 2.8                          |
| FS #3S | 35               | 2.76                       | 4,194.22               | 2.8                          |
| T397   | 180              | 1.87                       | 4,230.07*              | 7.1                          |
| T438   | 37               | 3.21                       | 4,142.11               | 0.6                          |
| T576†  | 18.1             | 0.92                       | 4,129.42               | 1.0                          |
| T704   | 32               | 2.33                       | 4,150.63               | 0.1                          |
| T733   | 674              | 1.44                       | 4,151.24               | 0.1                          |
| T752   | 680              | 2.97                       | 4,200.17               | 1.8                          |
| T753   | 100              | 1.97                       | 4,199.17               | 1.8                          |
| T754   | 210              | 3.82                       | 4,201.02               | 1.8                          |
| T755   | 490              | 2.99                       | 4,200.19               | 1.8                          |
| T756   | 45               | 2.00                       | 4,154.60               | 0.7                          |
| T757   | 310              | 2.26                       | 4,154.86               | 0.7                          |
| T758   | 575              | 2.24                       | 4,154.84               | 0.7                          |
| T759   | 210              | 1.78                       | 4,154.38               | 0.7                          |
| T826   | 17               | 0.94                       | 4,148.54               | 0.4                          |
| T827   | 16               | 0.25                       | 4,147.95               | 0.4                          |
| T828   | 15               | 0.98                       | 4,147.68               | 0.5                          |
| T829   | 17               | 1.98                       | 4,149.68               | 0.6                          |
| T830   | 14               | 1.05                       | 4,154.25               | 0.6                          |
| T831   | 10               | 0.99                       | 4,176.49               | 1.2                          |
| T838   | 37               | 1.89                       | 4,137.29               | 0.8                          |
| T977   | 200              | 2.79                       | 4,132.09               | 1.0                          |
| T978D  | 350              | 2.92                       | 4,169.02               | 0.8                          |
| T978S  | 31               | 3.03                       | 4,169.13               | 0.8                          |
| V875   | 21               | 1.84                       | 4,132.85               | 0.6                          |
| W248   | 602              | 0.28                       | 4,141.98               | 2.0                          |
| W385   | 560              | 2.50                       | 4,151.26               | -                            |
| W386   | 560              | 3.64                       | 4,153.44               | -                            |
| Zack   | 257              | 1.18                       | 4,227.18*              | 5.2                          |

\* RP elevations subject to change

† Not a testing well, but included in graphs for analytical purposes

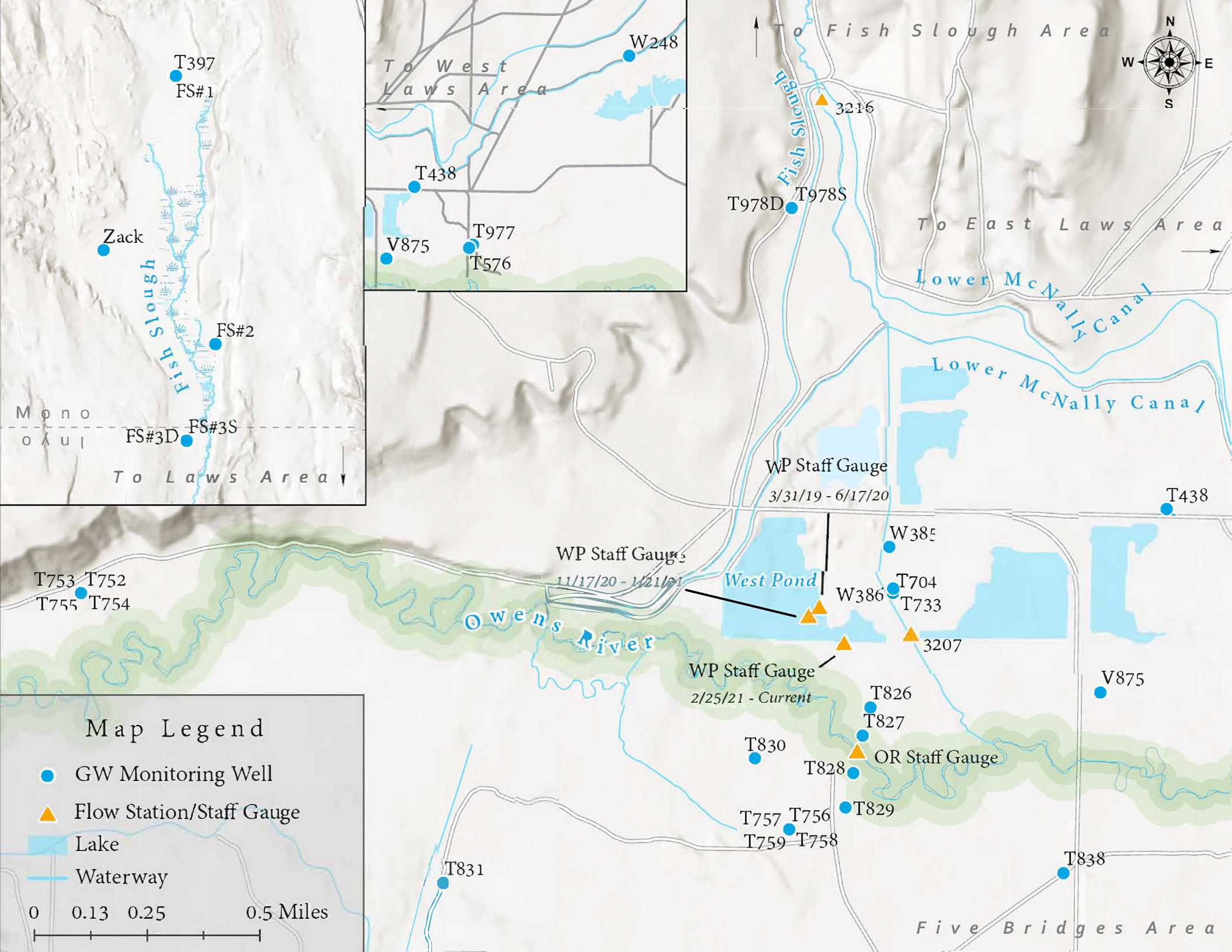


W 3 8 5  
&  
W 3 8 6

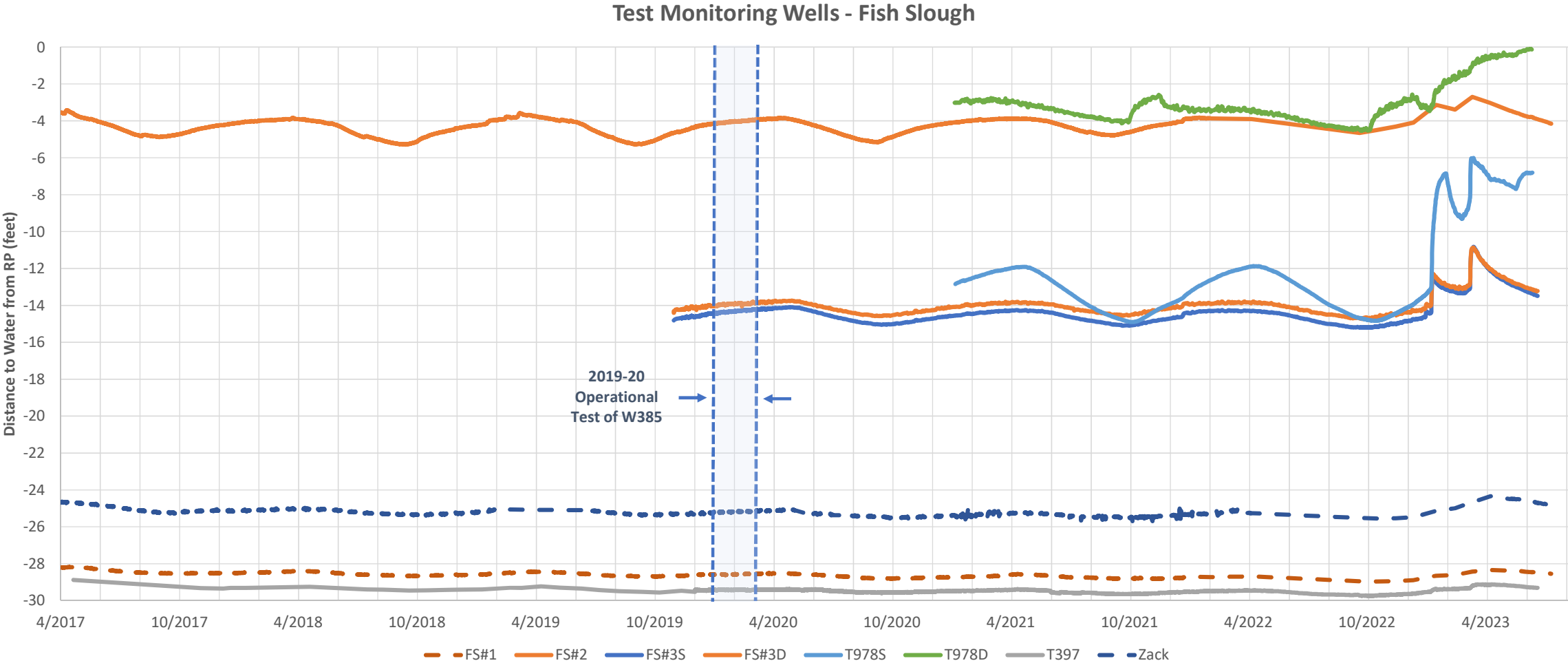


0 0.38 0.75 1.5 Miles

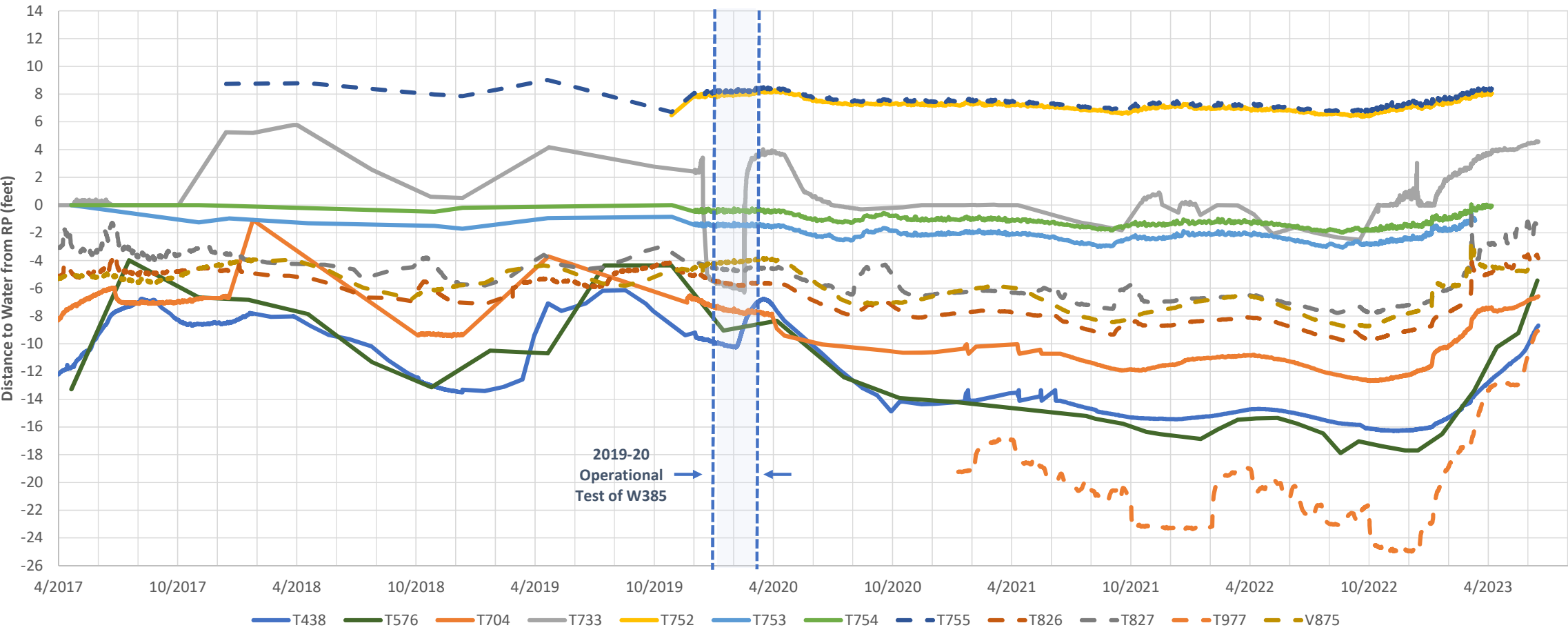
Laws



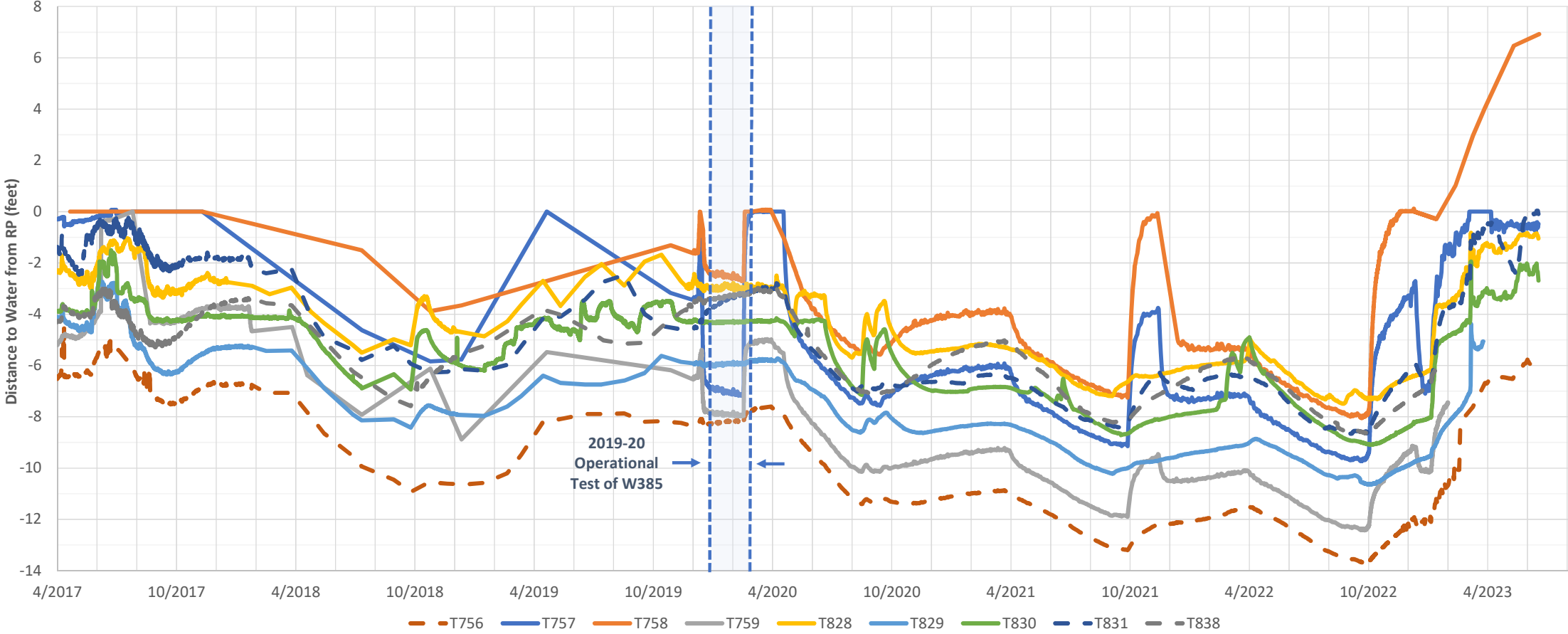
# Groundwater Hydrographs



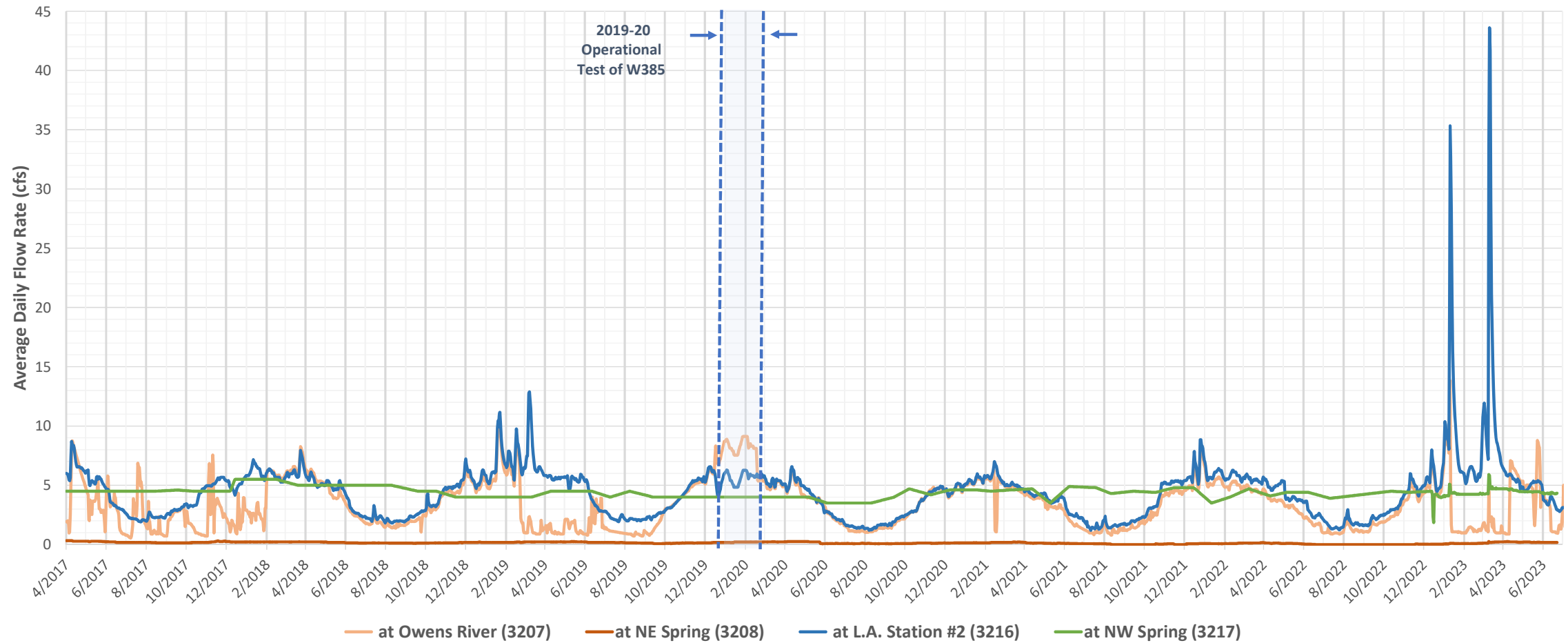
Test Monitoring Wells - North of Owens River



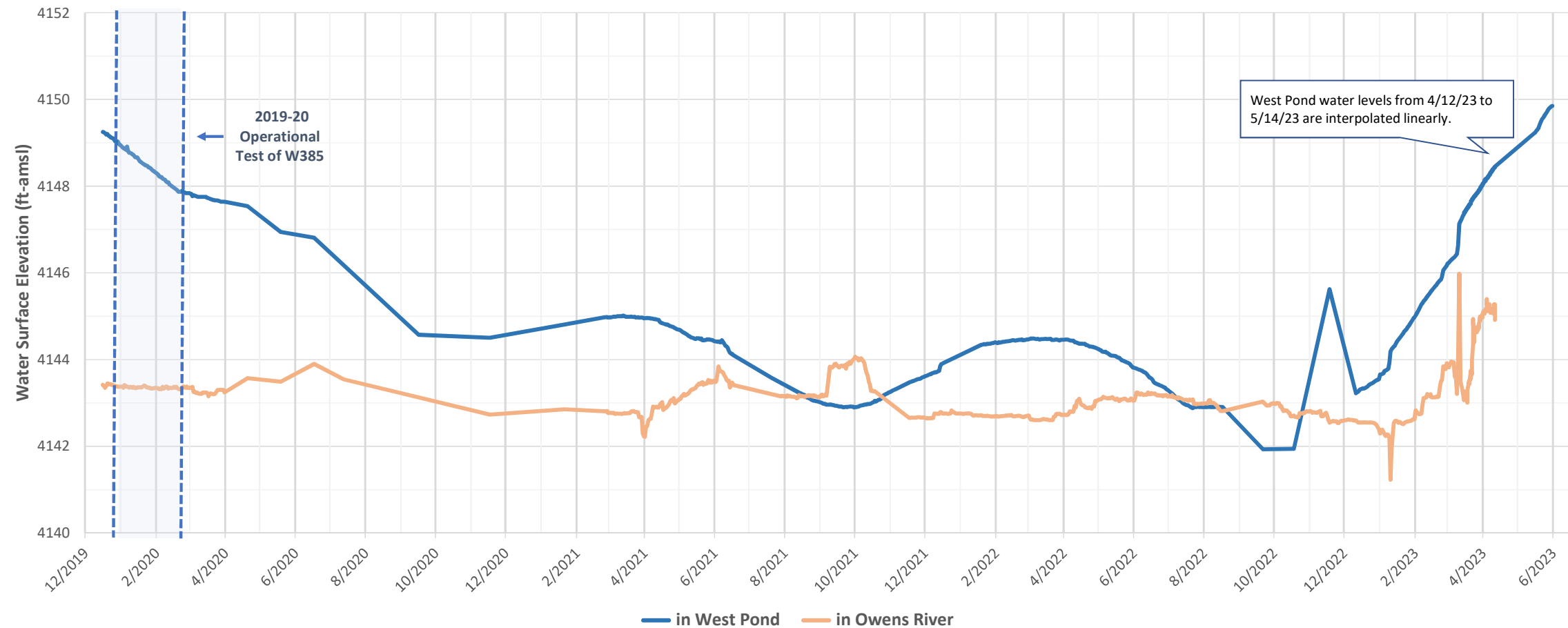
Test Monitoring Wells - South of Owens River



# Fish Slough Flows



# Staff Gauge Water Levels



# **Tabulated Groundwater Reads**

## **March - July**

| Date    | Pumping Well | Trigger Monitoring Wells |       |      |         |        |        |        |       |       |        |        | Fish Slough Monitoring Wells |        |       |      |      |       |       |      |       |        |       | Distance to Water from RP (feet) |       |       |       |      |       |       |       |       |       |         | South of Owens River Monitoring Wells |  |  |  |  |  |  |  | Date |
|---------|--------------|--------------------------|-------|------|---------|--------|--------|--------|-------|-------|--------|--------|------------------------------|--------|-------|------|------|-------|-------|------|-------|--------|-------|----------------------------------|-------|-------|-------|------|-------|-------|-------|-------|-------|---------|---------------------------------------|--|--|--|--|--|--|--|------|
|         |              | W385                     | T826  | T830 | Private | FS#2   | FS#3S  | FS#3D  | T397  | T978S | T978D  | Zack   | FS#1                         | FS#4   | T438  | T704 | T733 | T752  | T753  | T754 | T755  | T827   | T977  | V875                             | W248  | W386  | T756  | T757 | T758  | T759  | T828  | T829  | T831  | T838    |                                       |  |  |  |  |  |  |  |      |
|         |              |                          |       |      |         |        |        |        |       |       |        |        |                              |        |       |      |      |       |       |      |       |        |       |                                  |       |       |       |      |       |       |       |       |       |         |                                       |  |  |  |  |  |  |  |      |
| 3/1/23  | -56.74       | -6.89                    | -4.40 |      |         | -13.30 | -13.04 | -29.34 | -9.08 | -1.37 |        |        |                              | -14.41 | -9.21 | 2.65 | 7.88 | -1.23 | -0.45 | 8.13 | -4.86 | -17.28 | -5.33 | -26.98                           | 0.09  |       | -0.80 |      | -6.55 | -2.62 | -7.44 | -3.12 | -4.63 | 3/1/23  |                                       |  |  |  |  |  |  |  |      |
| 3/2/23  |              | -6.86                    | -4.42 |      |         | -13.33 | -13.09 | -29.34 | -9.09 | -1.53 |        |        |                              | -14.39 | -9.16 | 2.51 | 7.71 | -1.39 | -0.64 | 7.98 | -4.83 | -17.36 | -5.26 |                                  | -0.03 |       | -0.51 |      | -6.61 | -2.70 | -7.42 | -3.13 | -4.59 | 3/2/23  |                                       |  |  |  |  |  |  |  |      |
| 3/3/23  |              | -6.80                    | -4.35 |      |         | -13.30 | -13.06 | -29.34 | -9.02 | -1.46 |        |        |                              | -14.37 | -9.07 | 2.56 | 7.74 | -1.31 | -0.59 | 8.01 | -4.75 | -17.29 | -5.07 |                                  | -0.04 |       | -0.59 |      | -6.54 | -2.47 | -7.37 | -3.01 | -4.48 | 3/3/23  |                                       |  |  |  |  |  |  |  |      |
| 3/4/23  |              | -6.73                    | -4.28 |      |         | -13.24 | -12.98 | -29.33 | -8.91 | -1.34 |        |        |                              | -14.33 | -8.97 | 2.64 | 7.81 | -1.20 | -0.48 | 8.08 | -4.66 | -17.20 | -4.68 |                                  | -0.02 |       | -0.75 |      | -6.45 | -2.24 | -7.29 | -2.81 | -4.30 | 3/4/23  |                                       |  |  |  |  |  |  |  |      |
| 3/5/23  |              | -6.67                    | -4.25 |      |         | -13.20 | -12.95 | -29.33 | -8.84 | -1.34 |        |        |                              | -14.32 | -8.96 | 2.67 | 7.80 | -1.18 | -0.44 | 8.06 | -4.58 | -17.19 | -4.62 |                                  | 0.02  |       | -0.71 |      | -6.40 | -2.33 | -7.22 | -2.64 | -4.18 | 3/5/23  |                                       |  |  |  |  |  |  |  |      |
| 3/6/23  |              | -6.61                    | -4.29 |      |         | -13.19 | -12.95 | -29.33 | -8.83 | -1.43 |        |        |                              | -14.30 | -8.94 | 2.61 | 7.71 | -1.26 | -0.51 | 7.98 | -4.52 | -17.22 | -4.70 |                                  | 0.00  |       | -0.44 |      | -6.39 | -2.47 | -7.18 | -2.62 | -4.18 | 3/6/23  |                                       |  |  |  |  |  |  |  |      |
| 3/7/23  |              | -6.55                    | -4.31 |      |         | -13.16 | -12.94 | -29.33 | -8.72 | -1.40 |        |        |                              | -14.27 | -8.89 | 2.62 | 7.70 | -1.29 | -0.54 | 7.98 | -4.54 | -17.19 | -4.74 |                                  | -0.01 |       | -0.31 |      | -6.33 | -2.54 | -7.12 | -2.66 | -4.17 | 3/7/23  |                                       |  |  |  |  |  |  |  |      |
| 3/8/23  |              | -6.51                    | -4.31 |      |         | -13.13 | -12.91 | -29.34 | -8.52 | -1.35 |        |        |                              | -14.25 | -8.87 | 2.69 | 7.73 | -1.28 | -0.51 | 8.01 | -4.60 | -17.14 | -4.81 |                                  | 0.03  |       | -0.34 |      | -6.26 | -2.59 | -7.08 | -2.69 | -4.17 | 3/8/23  |                                       |  |  |  |  |  |  |  |      |
| 3/9/23  |              | -6.49                    | -4.31 |      |         | -13.12 | -12.90 | -29.33 | -8.31 | -1.35 |        |        |                              | -14.22 | -8.81 | 2.69 | 7.69 | -1.35 | -0.57 | 7.98 | -4.68 | -17.11 | -4.85 |                                  | 0.01  |       | 0.00  |      | -6.21 | -2.62 | -7.06 | -2.72 | -4.15 | 3/9/23  |                                       |  |  |  |  |  |  |  |      |
| 3/10/23 |              | -6.34                    | -3.89 |      |         | -12.51 | -12.46 | -29.31 | -7.66 | -1.14 |        |        |                              | -14.03 | -8.67 | 2.87 | 7.87 | -1.07 | -0.37 | 8.15 | -4.36 | -16.89 | -3.49 |                                  | 0.04  |       | 0.00  |      | -6.02 | -1.42 | -6.90 | -1.62 | -3.27 | 3/10/23 |                                       |  |  |  |  |  |  |  |      |
| 3/11/23 |              | -4.22                    | -2.50 |      |         | -11.30 | -11.19 | -29.27 | -6.11 | -1.13 |        |        |                              | -13.91 | -8.30 | 2.98 | 7.99 | -0.71 | -0.11 | 8.26 | -1.17 | -16.70 | -2.63 |                                  | 0.10  |       | 0.00  |      | -5.40 | -1.05 | -4.37 | -1.20 | -2.59 | 3/11/23 |                                       |  |  |  |  |  |  |  |      |
| 3/12/23 |              | -4.28                    | -3.39 |      |         | -11.05 | -10.95 | -29.23 | -6.03 | -1.09 |        |        |                              | -13.89 | -8.17 | 2.96 | 7.82 | -1.02 | -0.32 | 8.10 | -2.48 | -16.63 | -3.08 |                                  | 0.10  |       | 0.00  |      | -5.24 | -1.61 | -4.90 | -1.38 | -2.82 | 3/12/23 |                                       |  |  |  |  |  |  |  |      |
| 3/13/23 |              | -4.53                    | -3.46 |      |         | -10.96 | -10.91 | -29.20 | -6.14 | -1.04 |        |        |                              | -13.86 | -8.13 | 3.02 | 7.82 | -1.07 | -0.34 | 8.11 | -3.13 | -16.47 | -3.41 |                                  | 0.09  |       | 0.00  |      | -5.12 | -1.69 | -5.09 | -1.44 | -2.96 | 3/13/23 |                                       |  |  |  |  |  |  |  |      |
| 3/14/23 |              | -4.69                    | -3.44 |      | -2.70   | -10.93 | -10.92 | -29.17 | -6.18 | -0.90 | -24.66 | -28.42 |                              | -13.82 | -8.08 | 3.12 | 7.91 | -1.04 | -0.29 | 8.20 | -3.41 | -16.23 | -3.64 | -26.52                           | 0.09  | -7.62 | 0.00  | 2.96 | -4.99 | -1.76 | -5.18 | -1.42 | -2.99 | 3/14/23 |                                       |  |  |  |  |  |  |  |      |
| 3/15/23 | -56.50       | -4.69                    | -3.46 |      |         | -10.83 | -10.87 | -29.18 | -6.01 | -0.87 |        |        |                              |        | -7.99 | 3.23 | 7.92 | -0.97 | -0.24 | 8.21 | -3.41 | -16.05 | 3.31  |                                  | 0.00  |       | 0.00  |      | -4.88 | -1.73 | -5.13 | -1.01 | -2.66 | 3/15/23 |                                       |  |  |  |  |  |  |  |      |
| 3/16/23 |              | -4.82                    | -3.57 |      |         | -10.86 | -10.91 | -29.17 | -6.12 | -0.92 |        |        |                              |        | -7.94 | 3.20 | 7.86 | -1.10 | -0.33 | 8.15 | -3.63 | -15.94 | 3.68  |                                  | 0.22  |       | 0.00  |      | -4.85 | -1.91 | -5.25 | -1.16 | -2.85 | 3/16/23 |                                       |  |  |  |  |  |  |  |      |
| 3/17/23 |              | -4.91                    | -3.61 |      |         | -10.92 | -10.98 | -29.16 | -6.22 | -0.91 |        |        |                              |        | -7.88 | 3.21 | 7.84 | -1.14 | -0.36 | 8.15 | -3.75 | -15.79 | 3.87  |                                  | 0.22  |       | 0.00  |      | -4.81 | -2.00 | -5.29 | -1.20 | -2.91 | 3/17/23 |                                       |  |  |  |  |  |  |  |      |
| 3/18/23 |              | -4.99                    | -3.64 |      |         | -10.98 | -11.03 | -29.15 | -6.28 | -0.89 |        |        |                              |        | -7.80 | 3.23 | 7.84 | -1.18 | -0.39 | 8.14 | -3.83 | -15.62 | 3.99  |                                  | 0.16  |       | 0.00  |      | -4.77 | -2.05 | -5.30 | -1.22 | -2.93 | 3/18/23 |                                       |  |  |  |  |  |  |  |      |
| 3/19/23 |              | -5.05                    | -3.64 |      |         | -11.03 | -11.07 | -29.14 | -6.29 | -0.79 |        |        |                              |        | -7.73 | 3.33 | 7.94 | -1.06 | -0.28 | 8.22 | -3.85 | -15.38 | 4.08  |                                  | 0.14  |       | 0.00  |      | -4.67 | -2.09 | -5.33 | -1.22 | -2.92 | 3/19/23 |                                       |  |  |  |  |  |  |  |      |
| 3/20/23 |              | -5.09                    | -3.67 |      |         | -11.10 | -11.14 | -29.13 | -6.32 | -0.76 |        |        |                              |        | -7.68 | 3.37 | 7.95 | -1.05 | -0.24 | 8.24 | -3.89 | -15.21 | 4.18  |                                  | 0.19  |       | 0.00  |      | -4.64 | -2.10 | -5.35 | -1.21 | -2.93 | 3/20/23 |                                       |  |  |  |  |  |  |  |      |
| 3/21/23 |              | -5.09                    | -3.55 |      |         | -11.14 | -11.16 | -29.12 | -6.29 | -0.66 |        |        |                              |        | -7.59 | 3.46 | 8.05 | -0.97 | -0.15 | 8.34 | -3.85 | -14.95 | 4.18  |                                  | 0.15  |       | 0.00  |      | -4.54 | -1.85 | -5.31 | -0.90 | -2.72 | 3/21/23 |                                       |  |  |  |  |  |  |  |      |
| 3/22/23 |              | -5.14                    | -3.56 |      |         | -11.24 | -11.27 | -29.13 | -6.37 | -0.77 |        |        |                              |        | -7.68 | 3.41 | 7.98 | -0.98 | -0.17 | 8.28 | -3.86 | -14.88 | 4.28  |                                  | 0.21  |       | 0.00  |      | -4.54 | -1.85 | -5.36 | -0.95 | -2.78 | 3/22/23 |                                       |  |  |  |  |  |  |  |      |
| 3/23/23 |              | -5.11                    | -3.33 |      |         | -11.31 | -11.34 | -29.13 | -6.40 | -0.84 |        |        |                              |        | -7.63 | 3.37 | 7.96 | -0.93 | -0.17 | 8.28 | -3.44 | -14.76 | 4.26  |                                  | 0.19  |       | 0.00  |      | -4.49 | -1.56 | -5.28 | -0.96 | -2.83 | 3/23/23 |                                       |  |  |  |  |  |  |  |      |
| 3/24/23 |              | -5.09                    | -3.40 |      |         | -11.37 | -11.40 | -29.13 | -6.44 | -0.82 |        |        |                              |        | -7.60 | 3.38 | 7.93 | -0.98 | -0.20 | 8.24 | -3.29 | -14.62 | 4.30  |                                  | 0.19  |       | 0.00  |      | -4.45 | -1.60 | -5.30 | -0.98 | -2.86 | 3/24/23 |                                       |  |  |  |  |  |  |  |      |
| 3/25/23 |              | -5.08                    | -3.33 |      |         | -11.43 | -11.46 | -29.13 | -6.46 | -0.78 |        |        |                              |        | -7.56 | 3.42 | 7.94 | -0.97 | -0.20 | 8.24 | -3.23 | -14.46 | 4.31  |                                  | 0.15  |       | 0.00  |      | -4.38 | -1.53 | -5.27 | -0.97 | -2.85 | 3/25/23 |                                       |  |  |  |  |  |  |  |      |
| 3/26/23 |              | -5.09                    | -3.33 |      |         | -11.49 | -11.50 | -29.13 | -6.50 | -0.74 |        |        |                              |        | -7.56 | 3.47 | 7.96 | -0.96 | -0.17 | 8.26 | -3.23 | -14.32 | 4.37  |                                  | 0.21  |       | 0.00  |      | -4.35 | -1.53 | -5.28 | -0.95 | -2.88 | 3/26/23 |                                       |  |  |  |  |  |  |  |      |
| 3/27/23 |              | -5.09                    | -3.29 |      |         | -11.55 | -11.57 | -29.13 | -6.54 | -0.78 |        |        |                              |        | -7.54 | 3.44 | 7.89 | -1.02 | -0.24 | 8.19 | -3.22 | -14.23 | 4.40  |                                  | 0.17  |       | 0.00  |      | -4.34 | -1.48 | -5.23 | -0.89 | -2.87 | 3/27/23 |                                       |  |  |  |  |  |  |  |      |
| 3/28/23 |              | -5.05                    | -3.26 |      |         | -11.57 | -11.57 | -29.13 | -6.50 | -0.65 |        |        |                              |        | -7.46 | 3.54 | 7.99 | -0.92 | -0.14 | 8.29 | -3.14 | -14.03 | 4.33  |                                  | 0.14  |       | 0.00  |      | -4.25 | -1.44 | -5.15 | -0.79 | -2.78 | 3/28/23 |                                       |  |  |  |  |  |  |  |      |
| 3/29/23 |              | -5.04                    | -3.14 |      |         | -11.61 | -11.58 | -29.12 | -6.55 | -0.55 |        |        |                              |        | -7.45 | 3.64 | 8.08 | -0.83 | -0.02 | 8.38 | -3.07 | -13.85 | 4.37  |                                  | 0.19  |       | 0.00  |      | -4.17 | -1.33 | -5.07 | -0.68 | -2.74 | 3/29/23 |                                       |  |  |  |  |  |  |  |      |
| 3/30/23 |              | -5.05                    | -3.14 |      |         | -11.67 | -11.64 | -29.12 | -6.62 | -0.60 |        |        |                              |        | -7.49 | 3.62 | 8.04 | -0.88 | -0.05 | 8.34 | -3.06 | -13.78 | 4.44  |                                  | 0.20  |       | 0.00  |      | -4.17 | -1.33 | -5.06 | -0.67 | -2.80 | 3/30/23 |                                       |  |  |  |  |  |  |  |      |
| 3/31/23 |              | -5.05                    | -3.12 |      |         | -11.73 | -11.71 | -29.13 | -6.70 | -0.71 |        |        |                              |        | -7.52 | 3.54 | 7.94 | -0.98 | -0.16 | 8.26 | -3.04 | -13.76 | 4.47  |                                  | 0.18  |       | 0.00  |      | -4.20 | -1.31 | -5.05 | -0.63 | -2.81 | 3/31/23 |                                       |  |  |  |  |  |  |  |      |
| 4/1/23  |              | -5.03                    | -3.08 |      |         | -11.78 | -11.75 | -29.14 | -6.74 | -0.69 |        |        |                              | -12.96 | -7.49 | 3.56 | 7.96 | -0.95 | -0.16 | 8.28 | -2.97 | -13.66 | 4.44  |                                  | 0.18  |       | 0.00  | 4.04 | -4.15 | -1.28 | -5.01 | -0.57 | -2.79 | 4/1/23  |                                       |  |  |  |  |  |  |  |      |
| 4/2/23  |              | -4.99                    | -3.07 |      |         | -11.81 | -11.76 | -29.13 | -6.76 | -0.59 |        |        |                              | -12.97 | -     |      |      |       |       |      |       |        |       |                                  |       |       |       |      |       |       |       |       |       |         |                                       |  |  |  |  |  |  |  |      |

| Date    | Pumping Well | Trigger Monitoring Wells |       |      |         |        | Fish Slough Monitoring Wells |        |       |       |        |        | Distance to Water from RP (feet) |        |       |      |      |       |       |      |       |        |       |        | South of Owens River Monitoring Wells |       |       |      |       |       |       |       | Date  |         |      |
|---------|--------------|--------------------------|-------|------|---------|--------|------------------------------|--------|-------|-------|--------|--------|----------------------------------|--------|-------|------|------|-------|-------|------|-------|--------|-------|--------|---------------------------------------|-------|-------|------|-------|-------|-------|-------|-------|---------|------|
|         |              | W385                     | T826  | T830 | Private | FS#2   | FS#3S                        | FS#3D  | T397  | T978S | T978D  | Zack   | FS#1                             | FS#4   | T438  | T704 | T733 | T752  | T753  | T754 | T755  | T827   | T977  | V875   | W248                                  | W386  | T756  | T757 | T758  | T759  | T828  | T829  |       | T831    | T838 |
|         |              |                          |       |      |         |        |                              |        |       |       |        |        |                                  |        |       |      |      |       |       |      |       |        |       |        |                                       |       |       |      |       |       |       |       |       |         |      |
| 5/1/23  | -56.50       | -4.41                    | -3.26 |      |         | -12.63 | -12.45                       | -29.14 | -7.27 | -0.30 |        |        |                                  | -11.80 | -7.45 | 4.10 | 8.24 | -0.72 | 0.00  | 8.56 | -2.64 | -12.83 | -4.50 | -24.44 | -0.12                                 | -6.46 | -0.81 |      | -3.79 | -1.34 | -4.97 | -1.50 | -2.66 | 5/1/23  |      |
| 5/2/23  |              | -4.32                    | -3.17 |      |         | -12.66 | -12.49                       | -29.15 | -7.34 | -0.36 |        |        |                                  | -11.74 | -7.50 | 4.07 | 8.22 | -0.74 | 0.00  | 8.53 | -2.49 | -12.87 | -4.57 |        | -0.18                                 | -6.47 | -0.61 |      | -3.84 | -1.28 | -4.95 | -1.62 | -2.71 | 5/2/23  |      |
| 5/3/23  |              | -4.24                    | -3.13 |      |         | -12.68 | -12.52                       | -29.15 | -7.36 | -0.41 |        |        |                                  | -11.71 | -7.48 | 4.00 | 8.19 | -0.77 | 0.01  | 8.51 | -2.14 | -12.91 | -4.55 |        | -0.16                                 | -6.47 | -0.53 |      | -3.86 | -1.24 | -4.92 | -1.62 | -2.68 | 5/3/23  |      |
| 5/4/23  |              | -4.35                    | -3.38 |      |         | -12.71 | -12.54                       | -29.15 | -7.40 | -0.41 |        |        |                                  | -11.65 | -7.48 | 4.01 | 8.17 | -0.83 | 0.02  | 8.49 | -2.61 | -12.93 | -4.59 |        | -0.17                                 | -6.48 | -0.63 |      | -3.87 | -1.48 | -5.08 | -1.68 | -2.69 | 5/4/23  |      |
| 5/5/23  |              | -4.43                    | -3.40 |      |         | -12.74 | -12.58                       | -29.16 | -7.43 | -0.47 |        |        |                                  | -11.61 | -7.51 | 3.97 | 8.13 | -0.88 | -0.04 | 8.46 | -2.75 | -12.98 | -4.61 |        | -0.18                                 | -6.48 | -0.50 |      | -3.90 | -1.49 | -5.11 | -1.67 | -2.66 | 5/5/23  |      |
| 5/6/23  |              | -4.47                    | -3.32 |      |         | -12.76 | -12.60                       | -29.17 | -7.43 | -0.46 |        |        |                                  | -11.56 | -7.49 | 3.98 | 8.15 | -0.86 | -0.03 | 8.48 | -2.75 | -12.97 | -4.61 |        | -0.16                                 | -6.49 | -0.52 |      | -3.89 | -1.39 | -5.07 | -1.73 | -2.66 | 5/6/23  |      |
| 5/7/23  |              | -4.47                    | -3.29 |      |         | -12.78 | -12.62                       | -29.17 | -7.45 | -0.47 |        |        |                                  | -11.52 | -7.47 | 3.98 | 8.14 | -0.87 | -0.04 | 8.47 | -2.74 | -12.98 | -4.60 |        | -0.15                                 | -6.49 | -0.44 |      | -3.89 | -1.36 | -5.04 | -1.78 | -2.68 | 5/7/23  |      |
| 5/8/23  |              | -4.45                    | -3.31 |      |         | -12.80 | -12.63                       | -29.18 | -7.45 | -0.44 |        |        |                                  | -11.46 | -7.46 | 4.01 | 8.16 | -0.85 | -0.03 | 8.47 | -2.74 | -12.95 | -4.60 |        | -0.14                                 | -6.50 | -0.53 |      | -3.88 | -1.37 | -5.03 | -1.83 | -2.68 | 5/8/23  |      |
| 5/9/23  |              | -4.44                    | -3.31 |      |         | -12.81 | -12.64                       | -29.18 | -7.46 | -0.42 |        |        |                                  | -11.42 | -7.44 | 4.02 | 8.16 | -0.86 | -0.03 | 8.48 | -2.73 | -12.94 | -4.59 |        | -0.12                                 | -6.50 | -0.48 |      | -3.88 | -1.36 | -5.04 | -1.87 | -2.67 | 5/9/23  |      |
| 5/10/23 |              | -4.48                    | -3.34 |      |         | -12.84 | -12.66                       | -29.18 | -7.48 | -0.41 |        |        |                                  | -11.48 | -7.45 | 4.03 | 8.16 | -0.85 | -0.03 | 8.48 | -2.78 | -12.95 | -4.62 |        | -0.13                                 | -6.51 | -0.52 |      | -3.89 | -1.39 | -5.08 | -1.95 | -2.70 | 5/10/23 |      |
| 5/11/23 |              | -4.53                    | -3.36 |      | -3.46   | -12.86 | -12.67                       | -29.18 | -7.51 | -0.43 | -24.49 | -28.36 |                                  | -11.41 | -7.45 | 4.01 | 8.13 | -0.89 | -0.06 | 8.46 | -2.82 | -12.98 | -4.64 |        | -0.15                                 | -6.51 | -0.44 |      | -3.92 | -1.40 | -5.10 | -2.00 | -2.71 | 5/11/23 |      |
| 5/12/23 |              | -4.57                    | -3.33 |      | -3.47   | -12.88 | -12.70                       | -29.18 | -7.53 | -0.46 | -24.48 | -28.36 |                                  | -11.37 | -7.45 | 3.99 | 8.11 | -0.91 | -0.08 | 8.43 | -2.83 | -12.99 | -4.67 |        | -0.15                                 | -6.52 | -0.37 |      | -3.94 | -1.38 | -5.10 | -2.07 | -2.74 | 5/12/23 |      |
| 5/13/23 |              | -4.56                    | -3.28 |      | -3.47   | -12.90 | -12.71                       | -29.19 | -7.54 | -0.44 | -24.47 | -28.36 |                                  | -11.32 | -7.42 | 3.99 | 8.11 | -0.90 | -0.07 | 8.43 | -2.77 | -12.97 | -4.65 |        | -0.16                                 | -6.52 | -0.42 |      | -3.94 | -1.34 | -5.04 | -2.13 | -2.75 | 5/13/23 |      |
| 5/14/23 |              | -4.52                    | -3.25 |      | -3.48   | -12.91 | -12.71                       | -29.19 | -7.56 | -0.40 | -24.47 | -28.36 |                                  | -11.27 | -7.42 | 4.03 | 8.14 | -0.86 | -0.03 | 8.47 | -2.74 | -12.94 | -4.68 |        | -0.11                                 | -6.52 | -0.54 |      | -3.93 | -1.33 | -5.01 | -2.20 | -2.79 | 5/14/23 |      |
| 5/15/23 |              | -4.40                    | -3.19 |      | -3.50   | -12.92 | -12.77                       | -29.20 | -7.59 | -0.49 | -24.51 | -28.37 |                                  | -11.23 | -7.43 | 3.98 | 8.08 | -0.90 | -0.08 | 8.40 | -2.64 | -12.99 | -4.72 |        | -0.14                                 | -6.51 | -0.49 |      | -3.98 | -1.29 | -4.99 | -2.28 | -2.81 | 5/15/23 |      |
| 5/16/23 | -32.02       | -4.26                    | -3.09 |      | -3.52   | -12.93 | -12.79                       | -29.20 | -7.60 | -0.48 | -24.49 | -28.38 |                                  | -11.21 | -7.38 | 3.97 | 8.08 | -0.88 | -0.07 | 8.41 | -2.10 | -12.96 | -4.69 | -24.90 | -0.22                                 | -6.44 | -0.53 | 6.47 | -3.97 | -1.23 | -4.94 | -2.30 | -2.80 | 5/16/23 |      |
| 5/17/23 |              | -4.21                    | -3.09 |      | -3.52   | -12.95 | -12.79                       | -29.20 | -7.62 | -0.44 | -24.48 | -28.37 |                                  | -11.18 | -7.36 | 4.02 | 8.12 | -0.84 | -0.03 | 8.44 | -2.03 | -12.95 | -4.69 |        | -0.22                                 | -6.42 | -0.57 |      | -3.91 | -1.23 | -4.92 | -2.30 | -2.81 | 5/17/23 |      |
| 5/18/23 |              | -4.25                    | -3.13 |      | -3.53   | -12.96 | -12.80                       | -29.20 | -7.64 | -0.41 | -24.49 | -28.37 |                                  | -11.13 | -7.35 | 4.03 | 8.14 | -0.82 | 0.01  | 8.46 | -2.31 | -12.94 | -4.73 |        | -0.20                                 | -6.44 | -0.57 |      | -3.93 | -1.26 | -4.97 | -2.37 | -2.85 | 5/18/23 |      |
| 5/19/23 |              | -4.11                    | -2.94 |      | -3.55   | -12.98 | -12.82                       | -29.21 | -7.68 | -0.43 | -24.51 | -28.38 |                                  | -11.09 | -7.36 | 4.03 | 8.13 | -0.82 | 0.01  | 8.46 | -1.93 | -12.93 | -4.77 |        | -0.22                                 | -6.44 | -0.55 |      | -3.93 | -1.18 | -4.92 | -2.44 | -2.90 | 5/19/23 |      |
| 5/20/23 |              | -3.89                    | -2.72 |      | -3.56   | -13.00 | -12.84                       | -29.21 | -7.69 | -0.44 | -24.51 | -28.38 |                                  | -11.05 | -7.33 | 4.03 | 8.14 | -0.79 | 0.02  | 8.47 | -1.71 | -12.88 | -4.77 |        | -0.17                                 | -6.42 | -0.47 |      | -3.90 | -1.10 | -4.81 | -2.42 | -2.91 | 5/20/23 |      |
| 5/21/23 |              | -3.84                    | -2.71 |      | -3.57   | -13.01 | -12.85                       | -29.21 | -7.63 | -0.40 | -24.51 | -28.39 |                                  | -11.02 | -7.29 | 4.07 | 8.17 | -0.76 | 0.02  | 8.50 | -1.65 | -12.77 | -4.74 |        | -0.19                                 | -6.39 | -0.47 |      | -3.86 | -1.09 | -4.78 | -2.33 | -2.90 | 5/21/23 |      |
| 5/22/23 |              | -3.80                    | -2.63 |      | -3.58   | -13.03 | -12.85                       | -29.21 | -7.54 | -0.35 | -24.50 | -28.39 |                                  | -10.99 | -7.27 | 4.13 | 8.22 | -0.70 | 0.01  | 8.54 | -1.59 | -12.62 | -4.74 |        | -0.13                                 | -6.37 | -0.54 |      | -3.82 | -1.06 | -4.70 | -2.20 | -2.91 | 5/22/23 |      |
| 5/23/23 |              | -3.82                    | -2.42 |      | -3.59   | -13.04 | -12.85                       | -29.21 | -7.40 | -0.28 | -24.50 | -28.39 |                                  | -10.95 | -7.23 | 4.18 | 8.26 | -0.66 | 0.00  | 8.59 | -1.57 | -12.43 | -4.73 |        | -0.11                                 | -6.35 | -0.62 |      | -3.80 | -0.99 | -4.55 | -2.04 | -2.92 | 5/23/23 |      |
| 5/24/23 |              | -3.75                    | -2.32 |      | -3.60   | -13.06 | -12.86                       | -29.22 | -7.30 | -0.27 | -24.51 | -28.39 |                                  | -10.91 | -7.21 | 4.20 | 8.28 | -0.65 | 0.00  | 8.61 | -1.47 | -12.26 | -4.75 |        | -0.49                                 | -6.32 | -0.64 |      | -3.78 | -0.94 | -4.36 | -1.89 | -2.94 | 5/24/23 |      |
| 5/25/23 |              | -3.72                    | -2.21 |      | -3.62   | -13.06 | -12.87                       | -29.22 | -7.21 | -0.25 | -24.51 | -28.39 |                                  | -10.87 | -7.19 | 4.20 | 8.29 | -0.64 | 0.00  | 8.62 | -1.43 | -12.08 | -4.74 |        | -0.12                                 | -6.25 | -0.69 |      | -3.75 | -0.91 | -4.21 | -1.70 | -2.93 | 5/25/23 |      |
| 5/26/23 |              | -3.69                    | -2.06 |      | -3.63   | -13.09 | -12.89                       | -29.22 | -7.15 | -0.26 | -24.53 | -28.40 |                                  | -10.83 | -7.18 | 4.23 | 8.28 | -0.66 | 0.00  | 8.60 | -1.37 | -11.90 | -4.75 |        | -0.06                                 | -6.14 | -0.55 |      | -3.70 | -0.89 | -4.00 | -1.45 | -2.86 | 5/26/23 |      |
| 5/27/23 |              | -3.69                    | -2.20 |      | -3.65   | -13.10 | -12.91                       | -29.23 | -7.10 | -0.27 | -24.54 | -28.40 |                                  | -10.78 | -7.16 | 4.23 | 8.25 | -0.68 | 0.01  | 8.58 | -1.39 | -11.73 | -4.75 |        | -0.06                                 | -6.10 | -0.50 |      | -3.66 | -0.90 | -3.98 | -1.01 | -2.82 | 5/27/23 |      |
| 5/28/23 |              | -3.75                    | -2.27 |      | -3.66   | -13.11 | -12.92                       | -29.23 | -7.05 | -0.23 | -24.54 | -28.41 |                                  | -10.73 | -7.13 | 4.27 | 8.26 | -0.67 | 0.01  | 8.59 | -1.48 | -11.53 | -4.75 |        | -0.02                                 | -6.08 | -0.55 |      | -3.63 | -0.92 | -4.03 | -0.91 | -2.86 | 5/28/23 |      |
| 5/29/23 |              | -3.76                    | -2.24 |      | -3.67   | -13.14 | -12.93                       | -29.23 | -7.02 | -0.23 | -24.54 | -28.41 |                                  | -10.67 | -7.13 | 4.28 | 8.26 | -0.67 | 0.01  | 8.59 | -1.48 | -11.35 | -4.77 |        | -0.02                                 | -6.05 | -0.55 |      | -3.61 | -0.92 | -4.03 | -0.78 | -2.88 | 5/29/23 |      |
| 5/30/23 |              | -3.73                    | -2.16 |      | -3.69   | -13.15 | -12.96                       | -29.24 | -6.97 | -0.22 | -24.56 | -28.41 |                                  | -10.62 | -7.10 | 4.30 | 8.27 | -0.67 | 0.01  | 8.61 | -1.42 | -11.17 | -4.76 |        | -0.01                                 | -6.02 | -0.53 |      | -3.58 | -0.90 | -3.96 | -0.58 | -2.88 | 5/30/23 |      |
| 5/31/23 |              | -3.70                    | -2.10 |      | -3.70   | -13.16 | -12.96                       | -29.24 | -6.92 | -0.19 | -24.55 | -28.41 |                                  | -10.55 | -7.05 | 4.33 | 8.29 | -0.65 |       |      |       |        |       |        |                                       |       |       |      |       |       |       |       |       |         |      |

[illegible]

**Tabulated Surface Water  
Values April - July**

| Date    | Staff Gage    |               | Fish Slough Flow Station |                       |
|---------|---------------|---------------|--------------------------|-----------------------|
|         | West Pond     | Owens River   | L.A. Station #2 (3216)   | at Owens River (3207) |
|         | WSE (ft-amsl) | WSE (ft-amsl) | Flow (cfs)               | Flow (cfs)            |
| 4/1/23  | 4148.07       | 4145.11       | 6.42                     | 0.98                  |
| 4/2/23  | 4148.12       | 4145.10       | 6.30                     | 0.98                  |
| 4/3/23  | 4148.17       | 4145.16       | 6.21                     | 0.98                  |
| 4/4/23  | 4148.18       | 4145.39       | 6.14                     | 0.98                  |
| 4/5/23  | 4148.22       | 4145.28       | 6.01                     | 0.89                  |
| 4/6/23  | 4148.26       | 4145.11       | 5.84                     | 0.89                  |
| 4/7/23  | 4148.30       | 4145.14       | 5.82                     | 0.89                  |
| 4/8/23  | 4148.34       | 4145.12       | 5.78                     | 0.89                  |
| 4/9/23  | 4148.37       | 4145.15       | 5.86                     | 0.89                  |
| 4/10/23 | 4148.41       | 4145.27       | 5.93                     | 0.89                  |
| 4/11/23 | 4148.45       | 4144.92       | 5.91                     | 4.35                  |
| 4/12/23 |               |               | 5.95                     | 7.08                  |
| 4/13/23 |               |               | 5.84                     | 6.98                  |
| 4/14/23 |               |               | 5.82                     | 6.99                  |
| 4/15/23 |               |               | 5.69                     | 6.69                  |
| 4/16/23 |               |               | 5.53                     | 6.42                  |
| 4/17/23 |               |               | 5.55                     | 6.41                  |
| 4/18/23 |               |               | 5.51                     | 6.35                  |
| 4/19/23 |               |               | 5.43                     | 6.24                  |
| 4/20/23 |               |               | 5.35                     | 6.20                  |
| 4/21/23 |               |               | 5.26                     | 6.05                  |
| 4/22/23 |               |               | 5.37                     | 5.94                  |
| 4/23/23 |               |               | 5.53                     | 5.87                  |
| 4/24/23 |               |               | 5.42                     | 5.66                  |
| 4/25/23 |               |               | 5.39                     | 5.53                  |
| 4/26/23 |               |               | 5.13                     | 5.47                  |
| 4/27/23 |               |               | 4.69                     | 5.27                  |
| 4/28/23 |               |               | 4.75                     | 5.24                  |
| 4/29/23 |               |               | 4.90                     | 5.33                  |
| 4/30/23 |               |               | 4.79                     | 5.31                  |
|         |               |               |                          |                       |

| Date    | Staff Gauge   |               | Fish Slough Flow Station |                       |
|---------|---------------|---------------|--------------------------|-----------------------|
|         | West Pond     | Owens River   | L.A. Station #2 (3216)   | at Owens River (3207) |
|         | WSE (ft-amsl) | WSE (ft-amsl) | Flow (cfs)               | Flow (cfs)            |
| 5/1/23  |               |               | 4.83                     | 5.36                  |
| 5/2/23  |               |               | 4.62                     | 4.96                  |
| 5/3/23  |               |               | 4.49                     | 4.75                  |
| 5/4/23  |               |               | 4.44                     | 4.79                  |
| 5/5/23  |               |               | 4.46                     | 4.86                  |
| 5/6/23  |               |               | 4.57                     | 4.97                  |
| 5/7/23  |               |               | 4.58                     | 5.02                  |
| 5/8/23  |               |               | 4.66                     | 5.02                  |
| 5/9/23  |               |               | 4.72                     | 5.02                  |
| 5/10/23 |               |               | 4.83                     | 5.02                  |
| 5/11/23 |               |               | 4.91                     | 5.01                  |
| 5/12/23 |               |               | 4.99                     | 4.92                  |
| 5/13/23 |               |               | 5.08                     | 4.86                  |
| 5/14/23 |               |               | 5.16                     | 4.86                  |
| 5/15/23 | 4149.21       |               | 5.20                     | 4.76                  |
| 5/16/23 | 4149.24       |               | 5.23                     | 4.70                  |
| 5/17/23 | 4149.27       |               | 5.35                     | 3.93                  |
| 5/18/23 | 4149.30       |               | 5.23                     | 2.34                  |
| 5/19/23 | 4149.35       |               | 5.28                     | 1.60                  |
| 5/20/23 | 4149.42       |               | 5.30                     | 2.69                  |
| 5/21/23 | 4149.48       |               | 5.27                     | 4.04                  |
| 5/22/23 | 4149.54       |               | 5.28                     | 6.55                  |
| 5/23/23 | 4149.58       |               | 5.35                     | 8.77                  |
| 5/24/23 | 4149.62       |               | 5.39                     | 8.66                  |
| 5/25/23 | 4149.66       |               | 5.31                     | 8.37                  |
| 5/26/23 | 4149.70       |               | 5.28                     | 8.21                  |
| 5/27/23 | 4149.75       |               | 5.28                     | 6.50                  |
| 5/28/23 | 4149.79       |               | 5.19                     | 3.13                  |
| 5/29/23 | 4149.81       |               | 5.11                     | 4.11                  |
| 5/30/23 | 4149.84       |               | 5.01                     | 4.55                  |
| 5/31/23 | 4149.85       |               | 4.60                     | 4.37                  |

Note that West Pond Staff gauge data from of April 12 to May 14, 2023 is unavailable due to transducer setting error.

Note that the Owens River Staff gauge is underwater and inaccessible due to high flow. Measurements will resume when flow has decreased to a permissible level.

| Date    |               |               |                        |                       |
|---------|---------------|---------------|------------------------|-----------------------|
|         | West Pond     | Owens River   | L.A. Station #2 (3216) | at Owens River (3207) |
|         | WSE (ft-amsl) | WSE (ft-amsl) | Flow (cfs)             | Flow (cfs)            |
| 6/1/23  |               |               | 3.79                   | 4.33                  |
| 6/2/23  |               |               | 3.75                   | 4.22                  |
| 6/3/23  |               |               | 3.68                   | 3.90                  |
| 6/4/23  |               |               | 3.64                   | 3.64                  |
| 6/5/23  |               |               | 3.63                   | 3.64                  |
| 6/6/23  |               |               | 3.47                   | 3.74                  |
| 6/7/23  |               |               | 3.37                   | 3.68                  |
| 6/8/23  |               |               | 3.34                   | 3.55                  |
| 6/9/23  |               |               | 3.35                   | 3.31                  |
| 6/10/23 |               |               | 3.53                   | 3.26                  |
| 6/11/23 |               |               | 3.75                   | 3.32                  |
| 6/12/23 |               |               | 4.03                   | 2.97                  |
| 6/13/23 |               |               | 4.06                   | 1.16                  |
| 6/14/23 |               |               | 4.02                   | 1.13                  |
| 6/15/23 |               |               | 3.84                   | 1.07                  |
| 6/16/23 |               |               | 3.80                   | 1.07                  |
| 6/17/23 |               |               | 3.68                   | 1.07                  |
| 6/18/23 |               |               | 3.48                   | 1.07                  |
| 6/19/23 |               |               | 3.32                   | 1.07                  |
| 6/20/23 |               |               | 3.18                   | 0.99                  |
| 6/21/23 |               |               | 2.97                   | 0.98                  |
| 6/22/23 |               |               | 2.96                   | 0.98                  |
| 6/23/23 |               |               | 2.89                   | 0.95                  |
| 6/24/23 |               |               | 2.88                   | 1.23                  |
| 6/25/23 |               |               | 2.87                   | 1.60                  |
| 6/26/23 |               |               | 2.78                   | 1.65                  |
| 6/27/23 |               |               | 2.86                   | 1.33                  |
| 6/28/23 |               |               | 2.91                   | 1.30                  |
| 6/29/23 |               |               | 2.98                   | 1.72                  |
| 6/30/23 |               |               | 3.09                   | 2.59                  |
|         |               |               |                        |                       |

|         | West Pond     | Owens River   | L.A. Station #2 (3216) | at Owens River (3207) |
|---------|---------------|---------------|------------------------|-----------------------|
|         | WSE (ft-amsl) | WSE (ft-amsl) | Flow (cfs)             | Flow (cfs)            |
| 7/1/23  |               |               | 3.12                   | 3.14                  |
| 7/2/23  |               |               | 3.12                   | 5.00                  |
| 7/3/23  |               |               | 3.10                   | 3.90                  |
| 7/4/23  |               |               | 3.04                   | 1.51                  |
| 7/5/23  |               |               | 2.98                   | 1.50                  |
| 7/6/23  |               |               | 2.91                   | 1.47                  |
| 7/7/23  |               |               |                        |                       |
| 7/8/23  |               |               |                        |                       |
| 7/9/23  |               |               |                        |                       |
| 7/10/23 |               |               |                        |                       |
| 7/11/23 |               |               |                        |                       |
| 7/12/23 |               |               |                        |                       |
| 7/13/23 |               |               |                        |                       |
| 7/14/23 |               |               |                        |                       |
| 7/15/23 |               |               |                        |                       |
| 7/16/23 |               |               |                        |                       |
| 7/17/23 |               |               |                        |                       |
| 7/18/23 |               |               |                        |                       |
| 7/19/23 |               |               |                        |                       |
| 7/20/23 |               |               |                        |                       |
| 7/21/23 |               |               |                        |                       |
| 7/22/23 |               |               |                        |                       |
| 7/23/23 |               |               |                        |                       |
| 7/24/23 |               |               |                        |                       |
| 7/25/23 |               |               |                        |                       |
| 7/26/23 |               |               |                        |                       |
| 7/27/23 |               |               |                        |                       |
| 7/28/23 |               |               |                        |                       |
| 7/29/23 |               |               |                        |                       |
| 7/30/23 |               |               |                        |                       |
| 7/31/23 |               |               |                        |                       |

Note that West Pond Staff gauge data from of April 12 to May 14, 2023 is unavailable due to transducer setting error.

Note that the Owens River Staff gauge is underwater and inaccessible due to high flow. Measurements will resume when flow has decreased to a permissible level.

**End of Report**