

W385/W386 Operational Test
Baseline Hydrologic Data Monitoring
Quarterly Update

Groundwater Level and Surface
Water Data

Prepared by: Eastern Sierra Environmental Group

Los Angeles Department of Water and Power

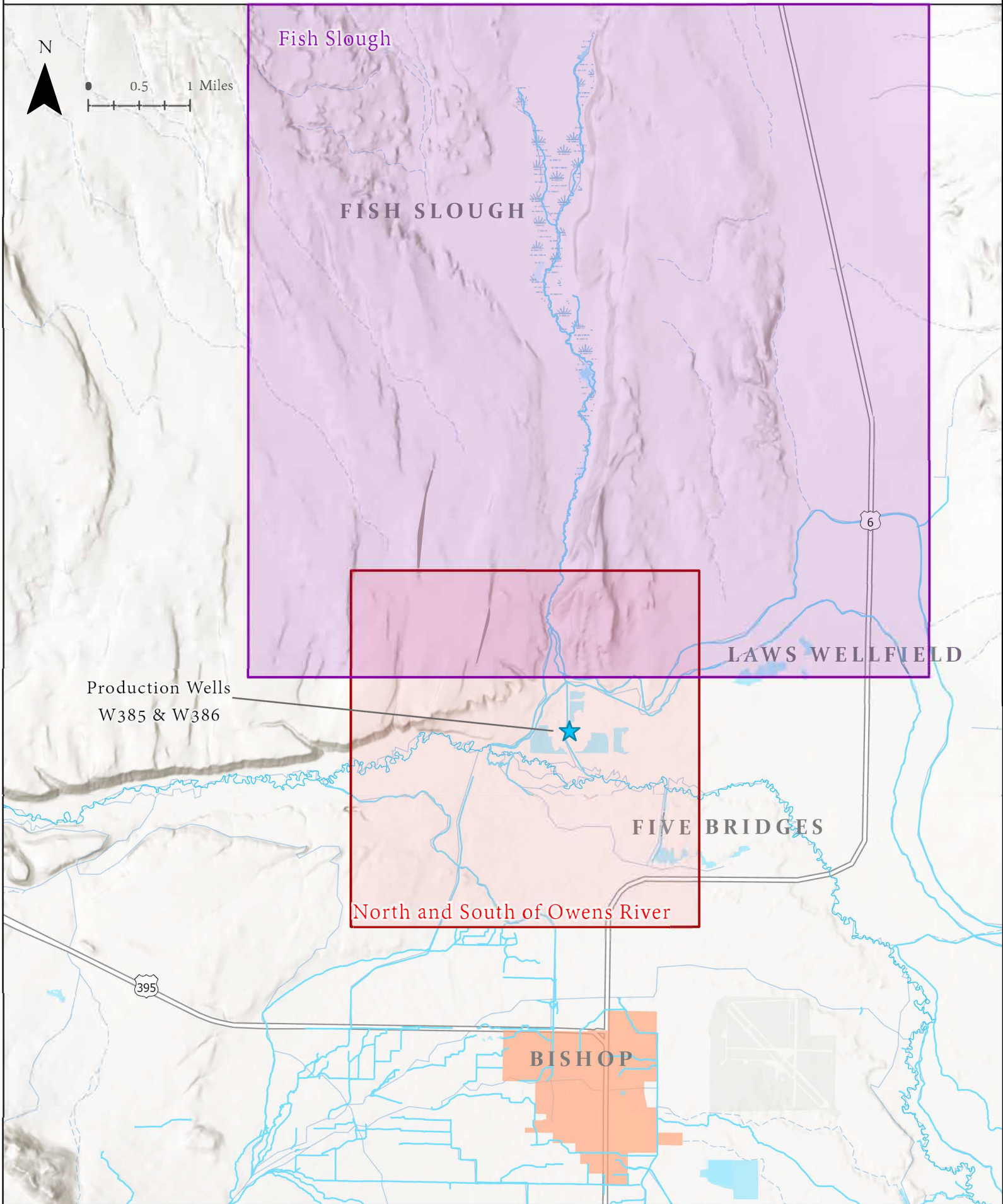
October, 2024

Monitoring Well Information

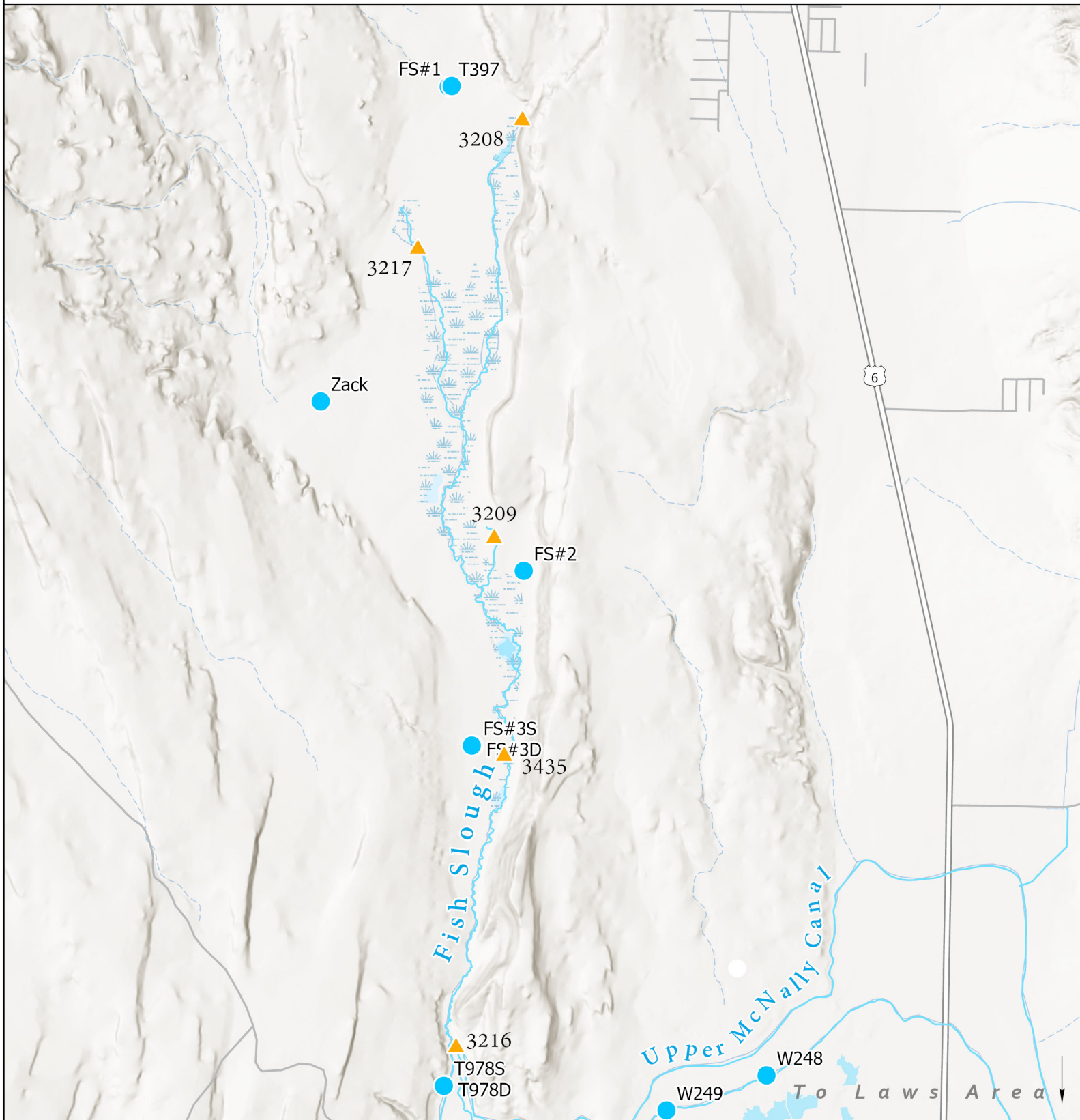
Well	Total Depth (ft)	RP Offset from Ground (ft)	RP Elevation (ft-amsl)	Distance from W385/W386 (mi)
FS #1	61	1.82	4,228.90	7.1
FS #2	46	1.80	4,221.60	4.0
FS #3D	145	2.59	4,194.84	2.8
FS #3S	35	2.76	4,194.22	2.8
T397	180	1.87	4,230.07	7.1
T438	37	3.21	4,142.11	0.6
T576†	18	0.92	4,129.42	1.0
T704	32	2.33	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	2.82	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	4,246.77	5.2

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

Index Map



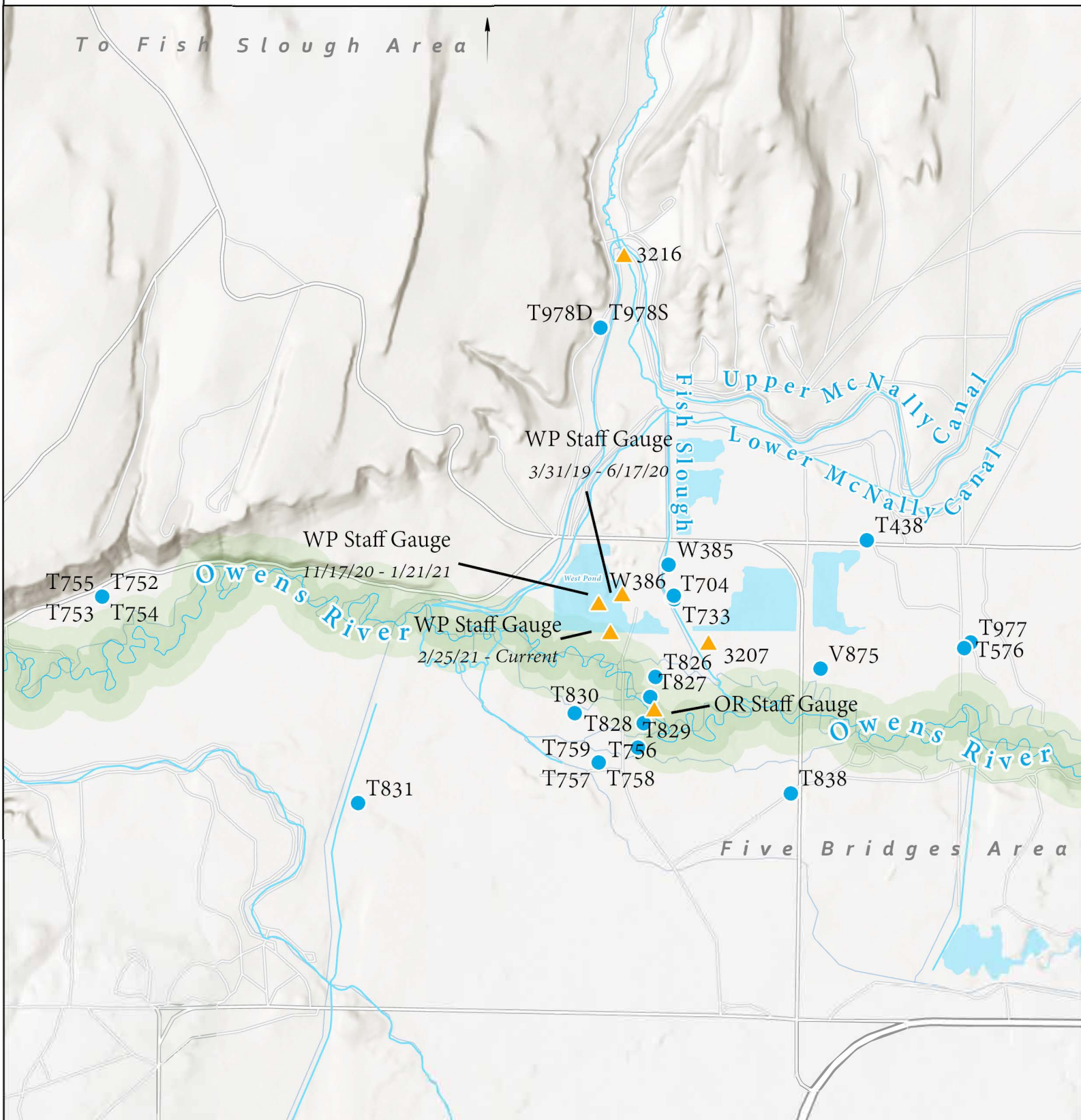
W385 - Fish Slough Area



- GW Monitoring Well
- ▲ Flow Station/Staff Gauge
- Lake
- Waterway



North and South of Owens River

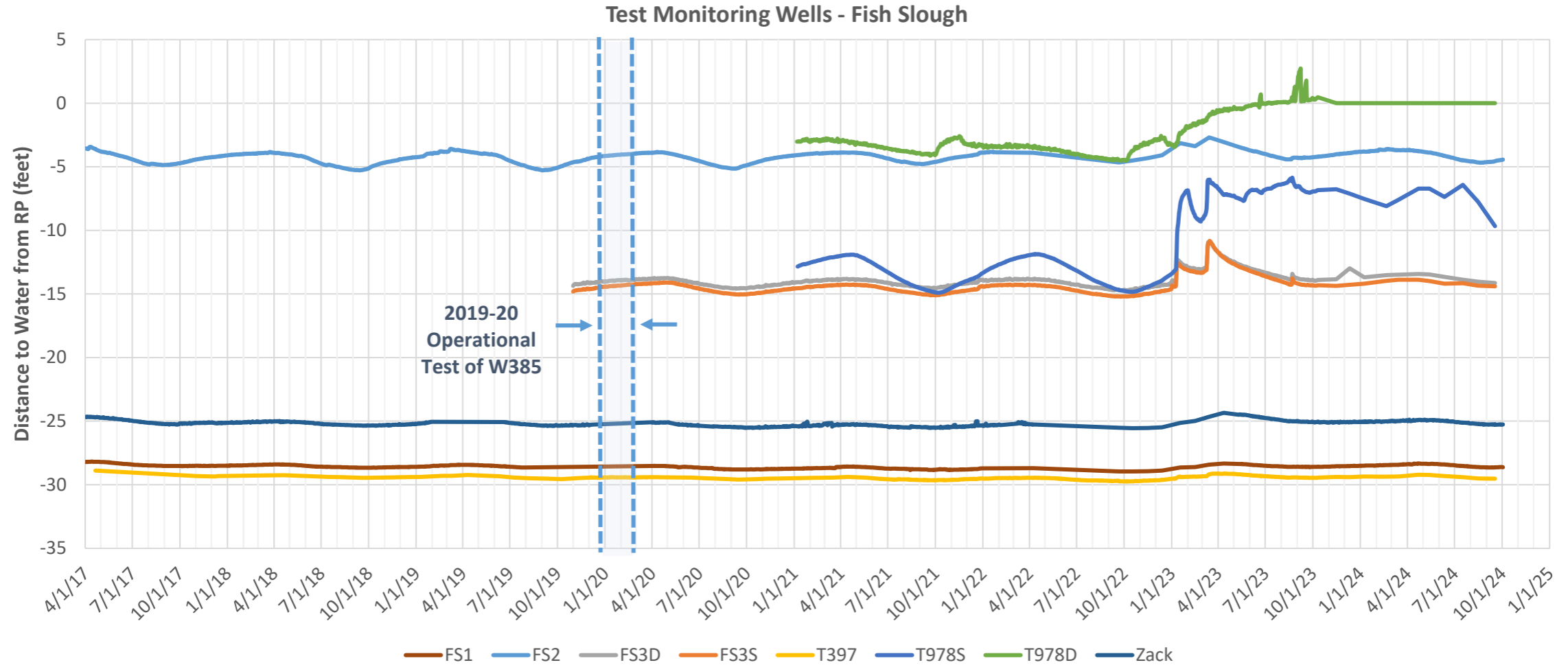


- GW Monitoring Well
- ▲ Flow Station/Staff Gauge
- Lake
- Waterway

0 0.25 0.5 1 Miles

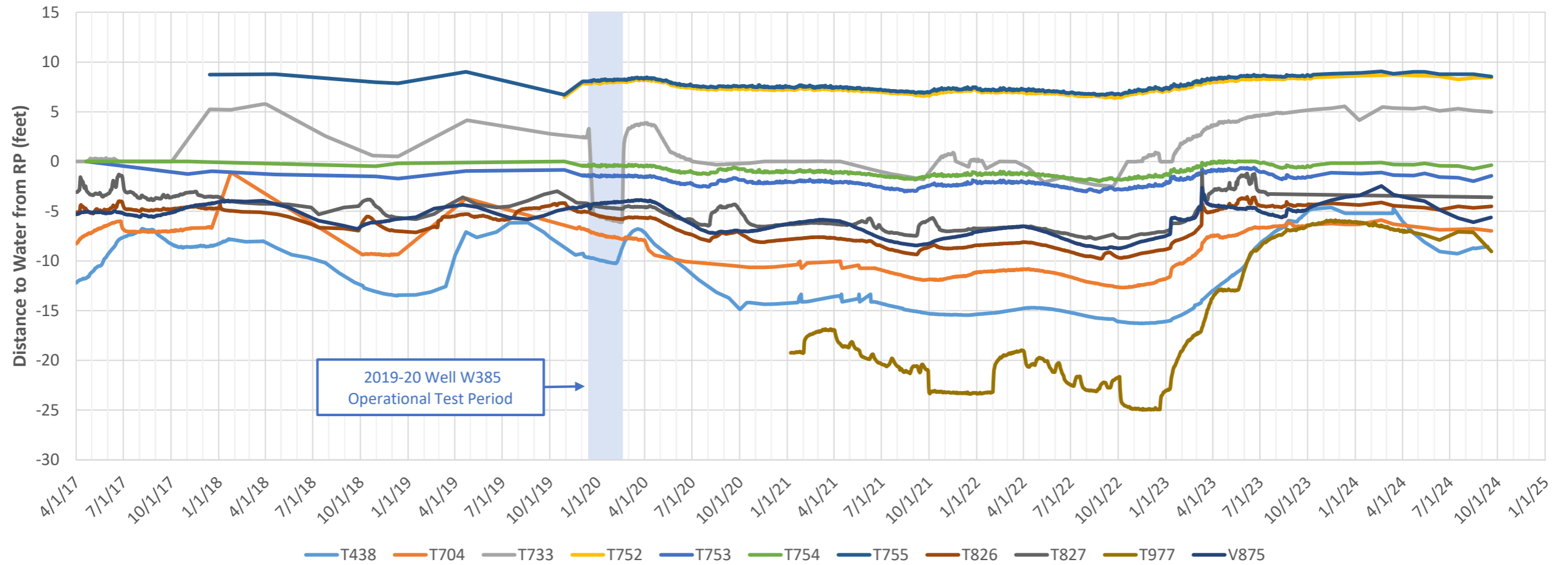


Groundwater Levels



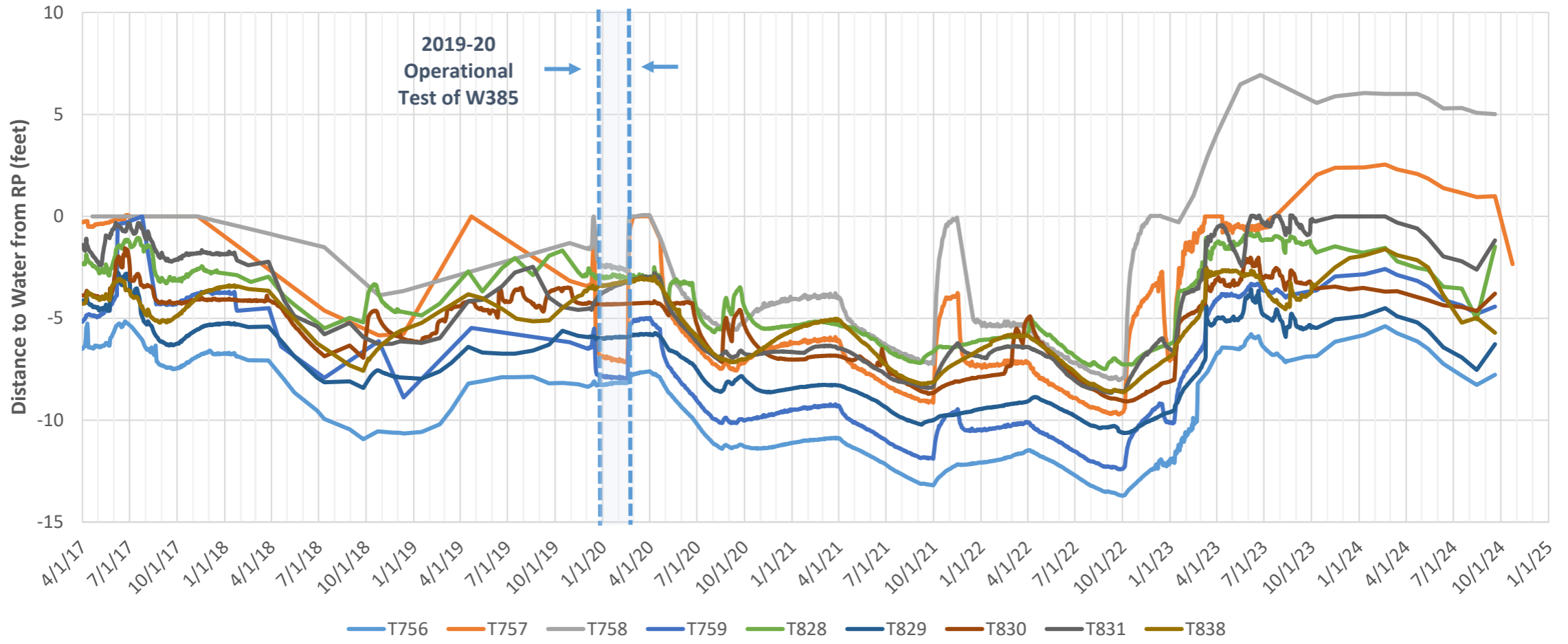
Note that the transducer at T978D was removed on October 10, 2023. T978D has been flowing since November 15, 2023.

Test Monitoring Wells - North of Owens River

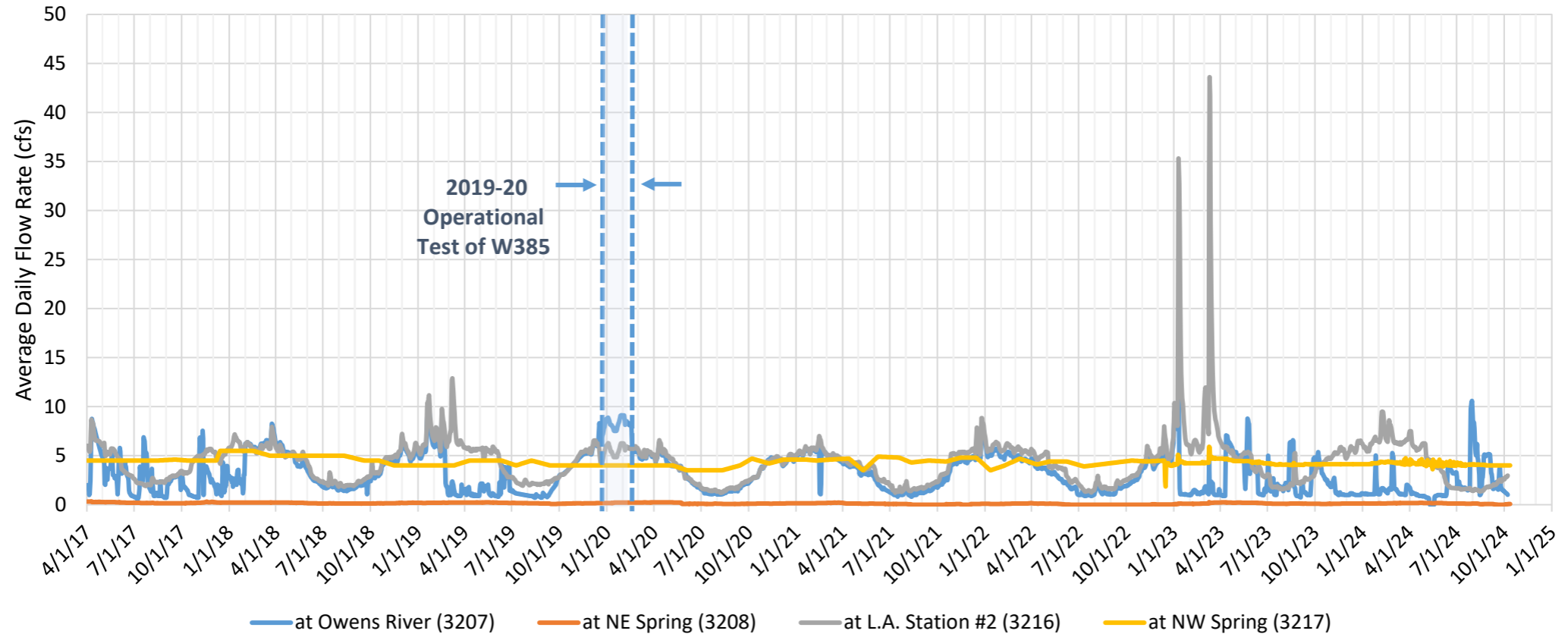


Note that W386 is not included in the above hydrograph. Nearby deep monitoring well T733 is considered a surrogate for W386. W386 has been flowing since October 2, 2023. Note that T827 had a blockage at approximately -4 ft-below RP from August 15, 2023 to September 19, 2024.

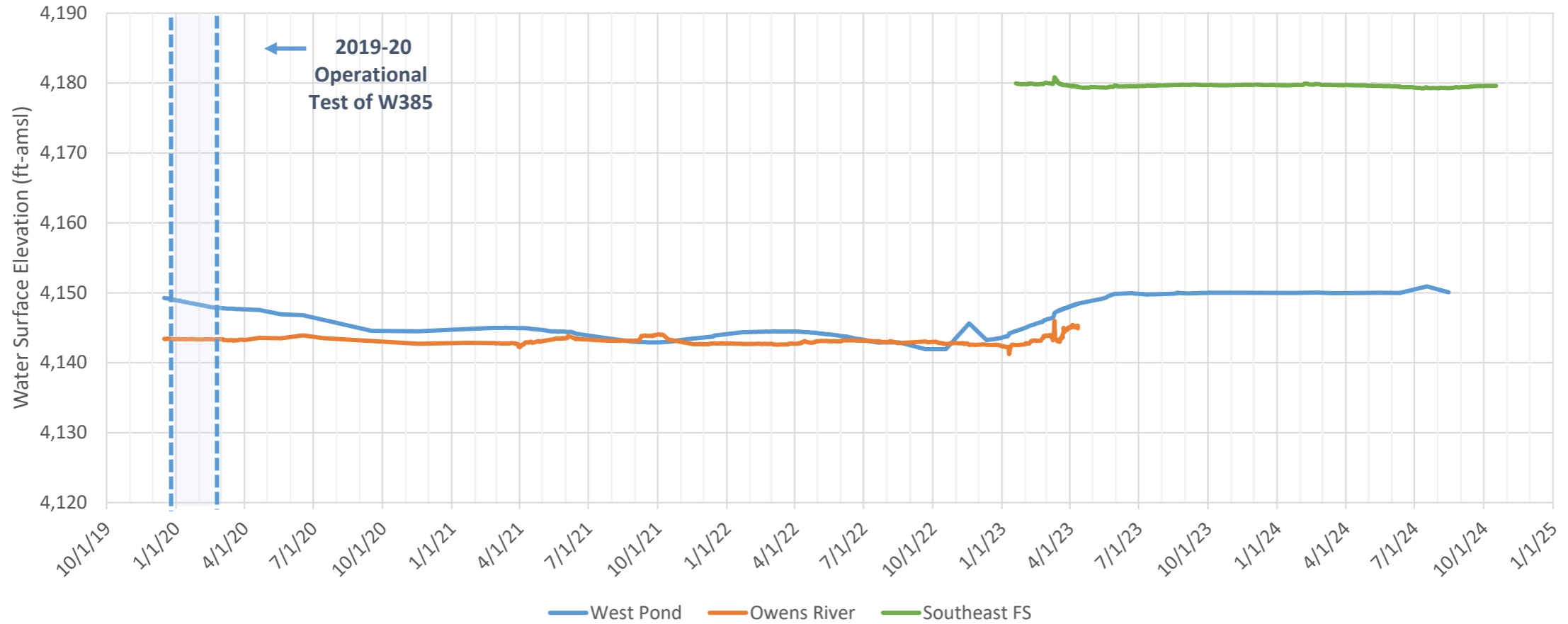
Test Monitoring Wells - South of Owens River



Fish Slough Flows



Staff Gauge Water Levels



Note that the West Pond water level has been above the staff gauge since June 22, 2023.
Note that the Owens River Staff gauge remains offline due to high flows.

**Tabulated Groundwater
Values July - October**

**Tabulated Surface Water
Values July - October**

Date	Staff Gage		Fish Slough Flow Station	
	West Pond WSE (ft-amsl)	Owens River WSE (ft-amsl)	L.A. Station #2 (3216) Flow (cfs)	at Owens River (3207) Flow (cfs)
7/1/24			1.67	4.28
7/2/24			1.66	4.30
7/3/24			1.66	4.16
7/4/24			1.65	4.04
7/5/24			1.65	4.04
7/6/24			1.64	4.04
7/7/24			1.64	4.05
7/8/24			1.59	4.24
7/9/24			1.53	4.12
7/10/24			1.55	3.99
7/11/24			1.56	4.16
7/12/24			1.57	3.99
7/13/24			1.57	4.00
7/14/24			1.58	4.05
7/15/24			1.59	4.06
7/16/24			1.59	4.10
7/17/24	4150.90		1.60	3.97
7/18/24			1.61	4.11
7/19/24			1.61	4.02
7/20/24			1.62	4.03
7/21/24			1.63	4.05
7/22/24			1.61	4.08
7/23/24			1.61	4.10
7/24/24			1.63	4.10
7/25/24			1.65	4.11
7/26/24			1.71	4.07
7/27/24			1.62	4.08
7/28/24			1.52	4.10
7/29/24			1.46	4.09
7/30/24			1.48	4.10
7/31/24			1.46	4.10

Date	Staff Gage		Fish Slough Flow Station	
	West Pond WSE (ft-amsl)	Owens River WSE (ft-amsl)	L.A. Station #2 (3216) Flow (cfs)	at Owens River (3207) Flow (cfs)
8/1/24			1.41	4.07
8/2/24			1.40	4.10
8/3/24			1.46	4.09
8/4/24			1.59	4.08
8/5/24			1.60	4.09
8/6/24			1.57	4.08
8/7/24			1.53	4.06
8/8/24			1.50	4.07
8/9/24			1.53	4.09
8/10/24			1.47	4.10
8/11/24			1.47	4.10
8/12/24			1.41	4.07
8/13/24			1.40	4.07
8/14/24			1.32	4.08
8/15/24	4150.08		1.35	4.08
8/16/24			1.39	4.07
8/17/24			1.39	4.07
8/18/24			1.38	4.07
8/19/24			1.39	4.07
8/20/24			1.46	4.07
8/21/24			1.45	4.07
8/22/24			1.52	4.02
8/23/24			1.58	4.07
8/24/24			1.65	4.06
8/25/24			1.71	4.07
8/26/24			1.72	4.01
8/27/24			1.77	4.01
8/28/24			1.83	4.01
8/29/24			1.82	4.01
8/30/24			1.79	4.01
8/31/24			1.78	4.01

Date	Staff Gage		Fish Slough Flow Station	
	West Pond WSE (ft-amsl)	Owens River WSE (ft-amsl)	L.A. Station #2 (3216) Flow (cfs)	at Owens River (3207) Flow (cfs)
9/1/24			1.85	4.01
9/2/24			1.88	4.01
9/3/24			1.83	4.01
9/4/24			1.81	4.01
9/5/24			1.85	4.01
9/6/24			1.89	4.01
9/7/24			1.95	4.01
9/8/24			1.98	4.01
9/9/24			1.98	4.01
9/10/24			2.07	4.01
9/11/24			2.00	4.01
9/12/24			2.05	4.01
9/13/24			2.04	4.01
9/14/24			2.02	4.01
9/15/24			2.08	4.01
9/16/24			2.18	4.01
9/17/24			2.21	4.01
9/18/24			2.25	4.01
9/19/24			2.41	4.01
9/20/24			2.47	4.01
9/21/24			2.55	4.01
9/22/24			2.51	4.01
9/23/24			2.54	4.01
9/24/24			2.46	4.01
9/25/24			2.34	4.01
9/26/24			2.42	4.01
9/27/24			2.60	4.01
9/28/24			2.59	4.01
9/29/24			2.56	4.01
9/30/24			2.68	4.01

Date	Staff Gage		Fish Slough Flow Station	
	West Pond WSE (ft-amsl)	Owens River WSE (ft-amsl)	L.A. Station #2 (3216) Flow (cfs)	at Owens River (3207) Flow (cfs)
10/1/24			2.61	4.01
10/2/24			2.68	4.01
10/3/24			2.80	4.01
10/4/24			2.84	4.01
10/5/24			2.82	4.01
10/6/24			2.88	4.01
10/7/24			2.96	4.01
10/8/24				4.01
10/9/24				4.01
10/10/24				4.01
10/11/24				4.01
10/12/24				4.01
10/13/24				4.01
10/14/24				4.01
10/15/24				4.01
10/16/24				4.01
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10/29/24				
10/30/24				
10/31/24				

End of Report