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

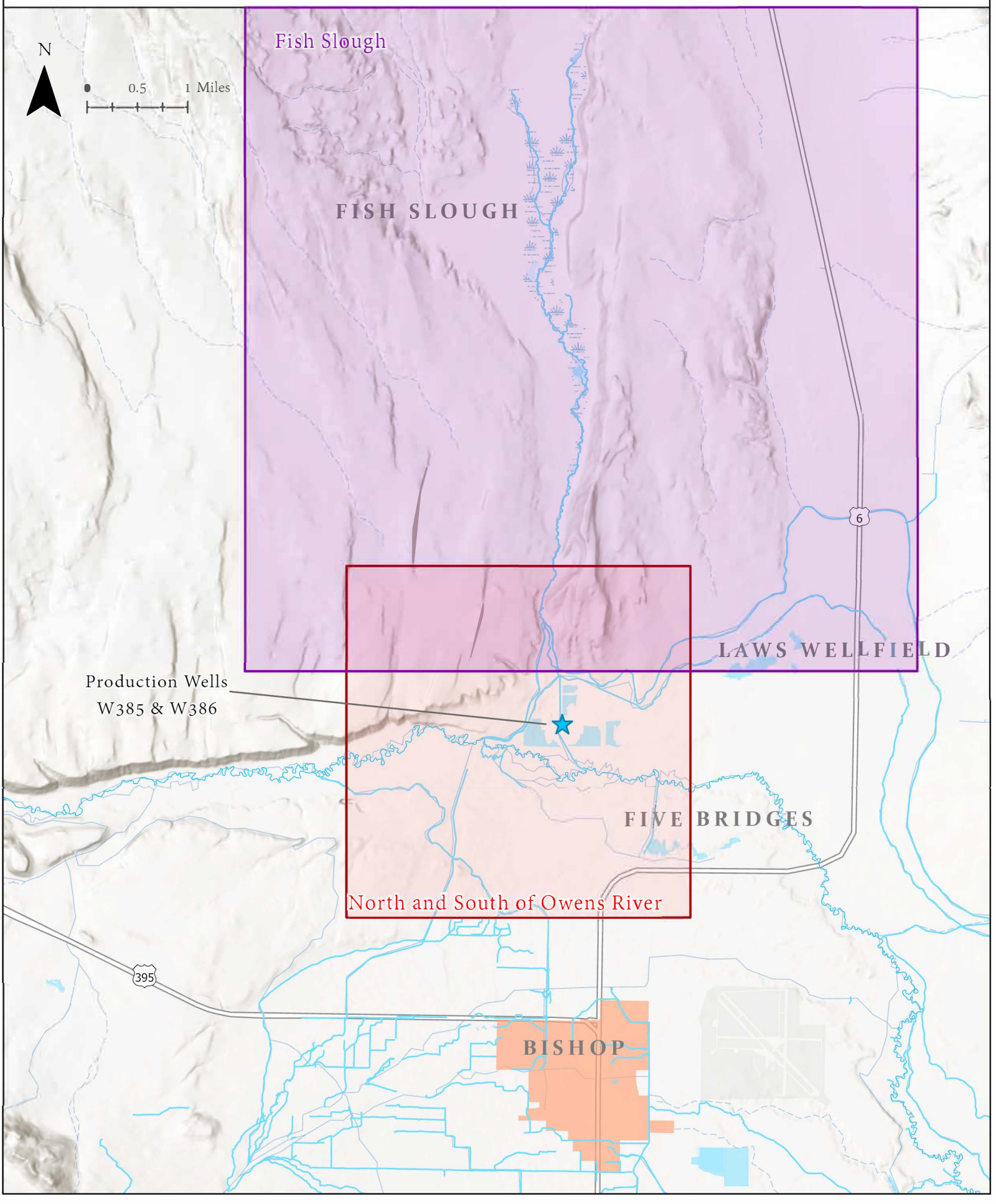
November 2026

Monitoring Well Information

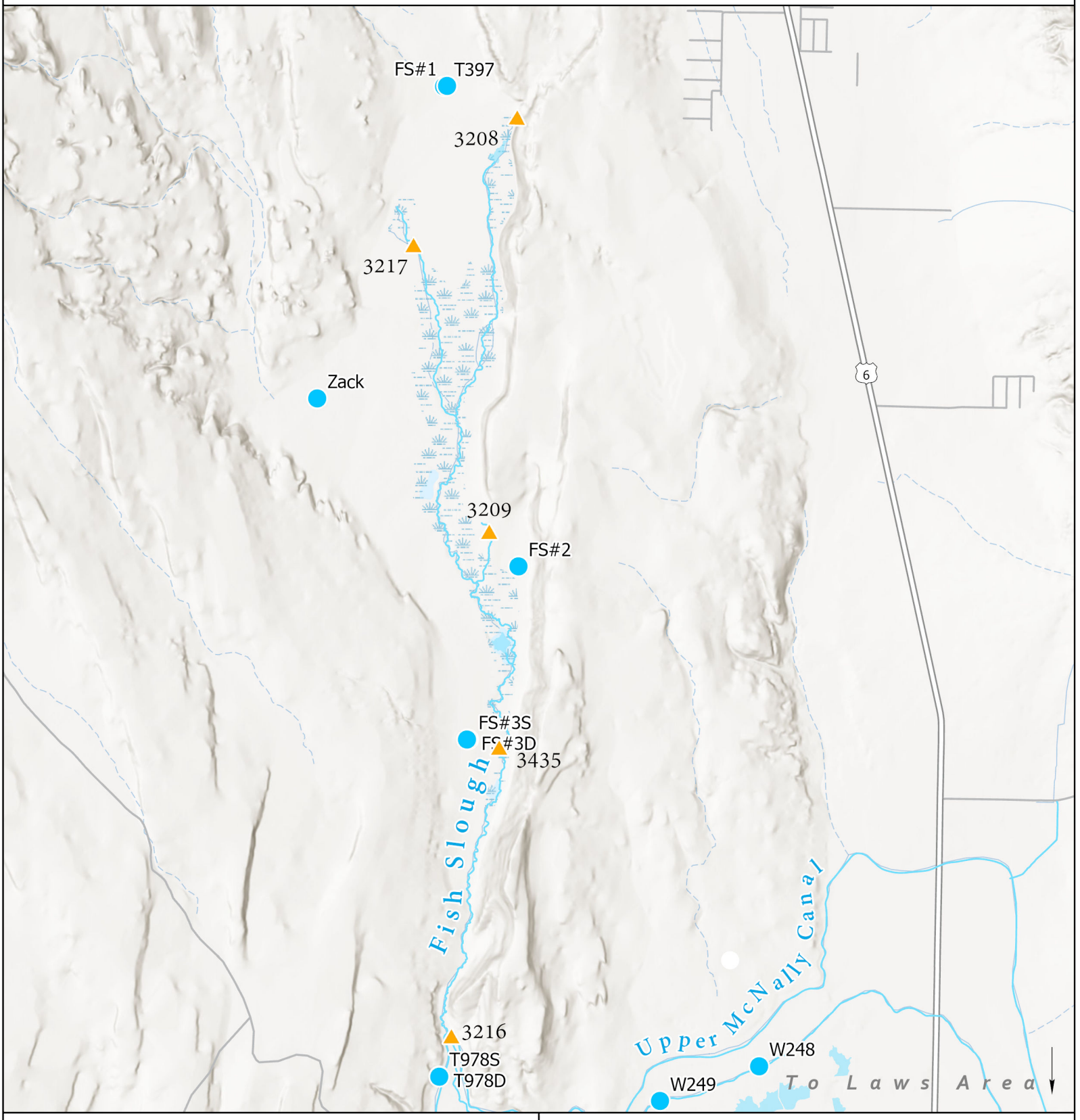
Well	Total Depth (ft)	RP Offset from Ground (ft)	RP Elevation (ft-amsl)	Distance from W385/W386 (mi)
FS #1	61	1.82	4,228.90	7.1
FS #2	46	1.80	4,221.60	4.0
FS #3D	145	2.59	4,194.84	2.8
FS #3S	35	2.76	4,194.22	2.8
T397	180	1.87	4,230.07	7.1
T438	37	3.21	4,142.11	0.6
T576†	18	0.92	4,129.42	1.0
T704	32	2.33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


N
0.5
1 Miles
Fish Slough
FISH SLOUGH
LAWS WELLFIELD
6
Production Wells
W385 & W386
FIVE BRIDGES
North and South of Owens River
395
BISHOP

W385 - Fish Slough Area



GW Monitoring Well

Flow Station/Staff Gauge

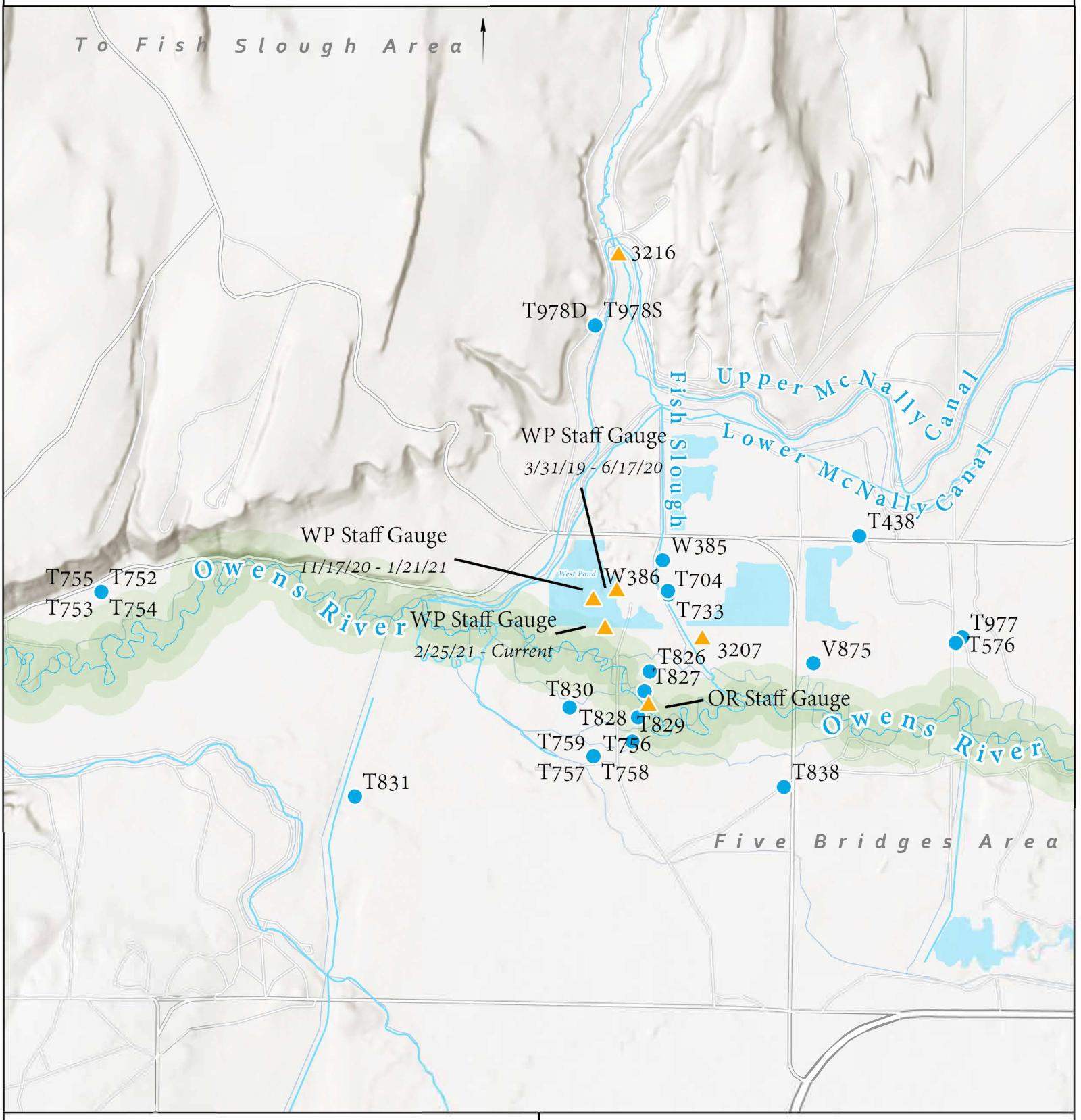
Lake

Waterway

0 0.5 1 2 Miles

N

North and South of Owens River



GW Monitoring Well

Flow Station/Staff Gauge

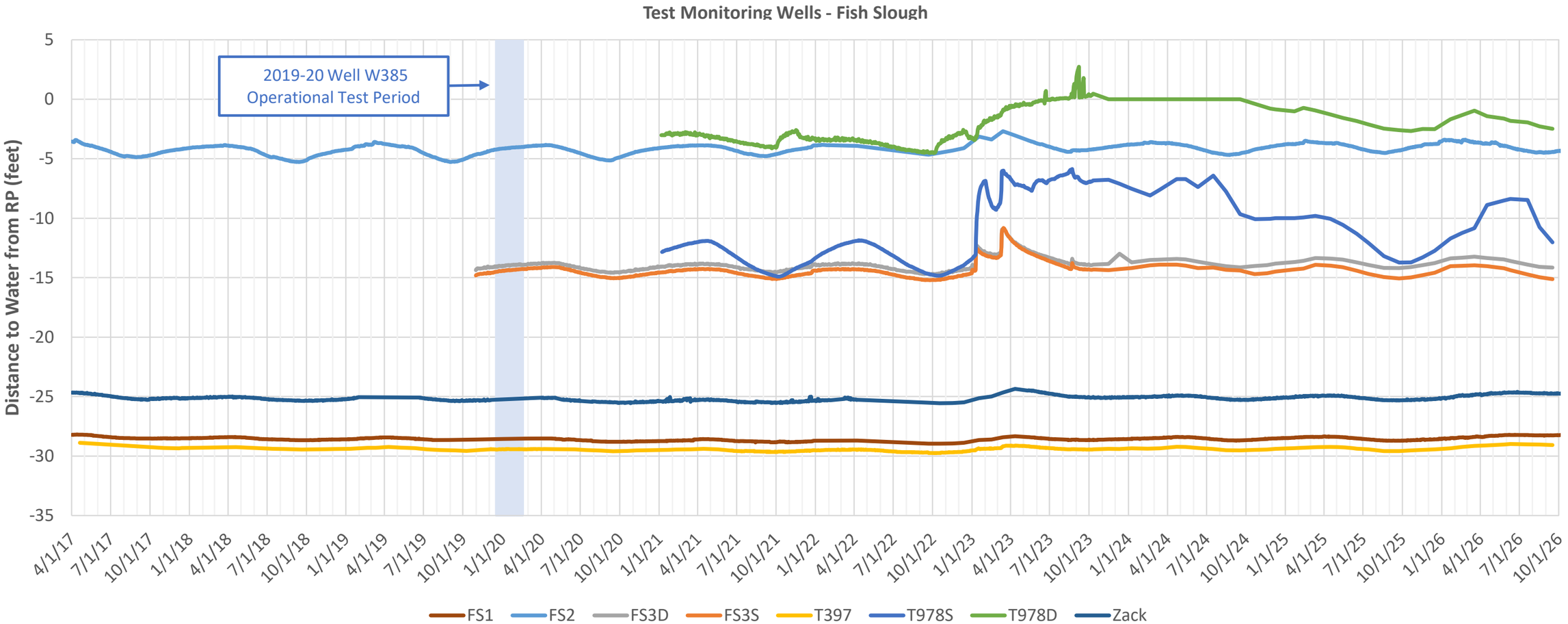
Lake

Waterway

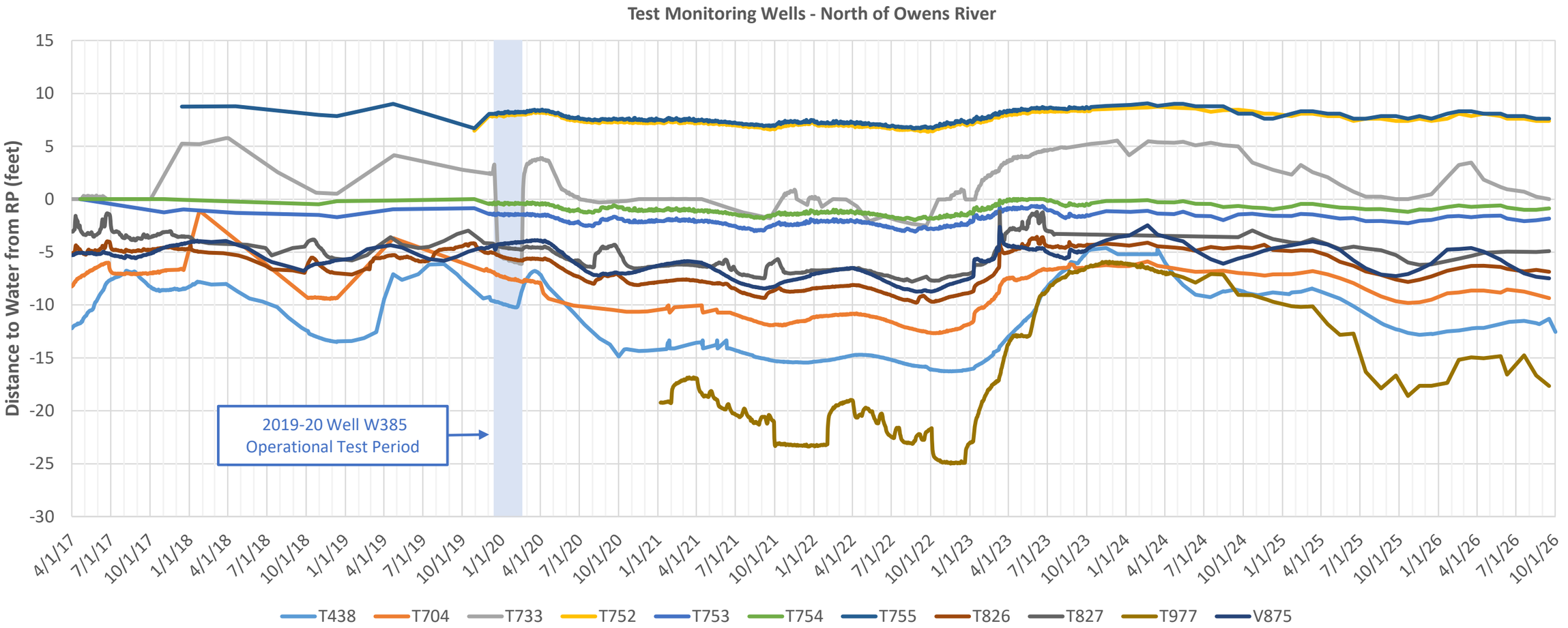
0 0.25 0.5 1 Miles

N

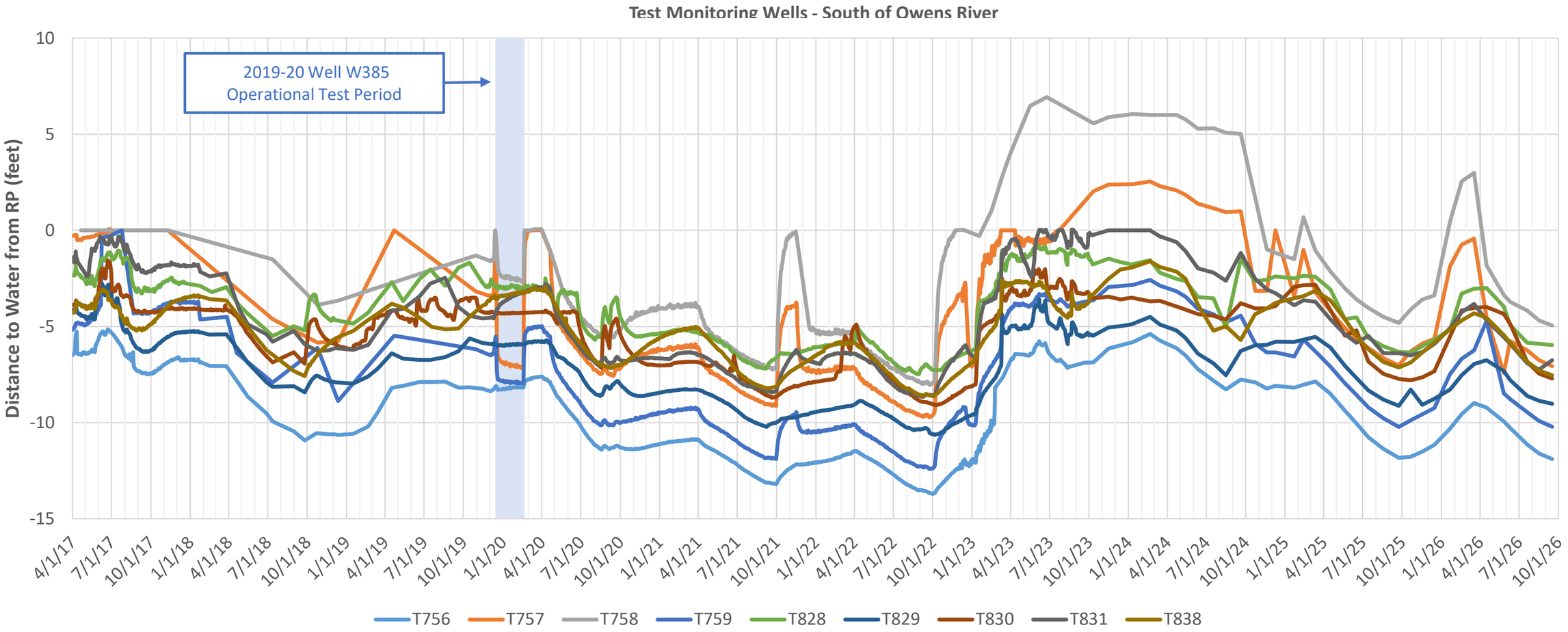
Groundwater Levels



Note that T978D was experiencing artesian conditions from November 2023 to September 2024 and was not measured during that period.

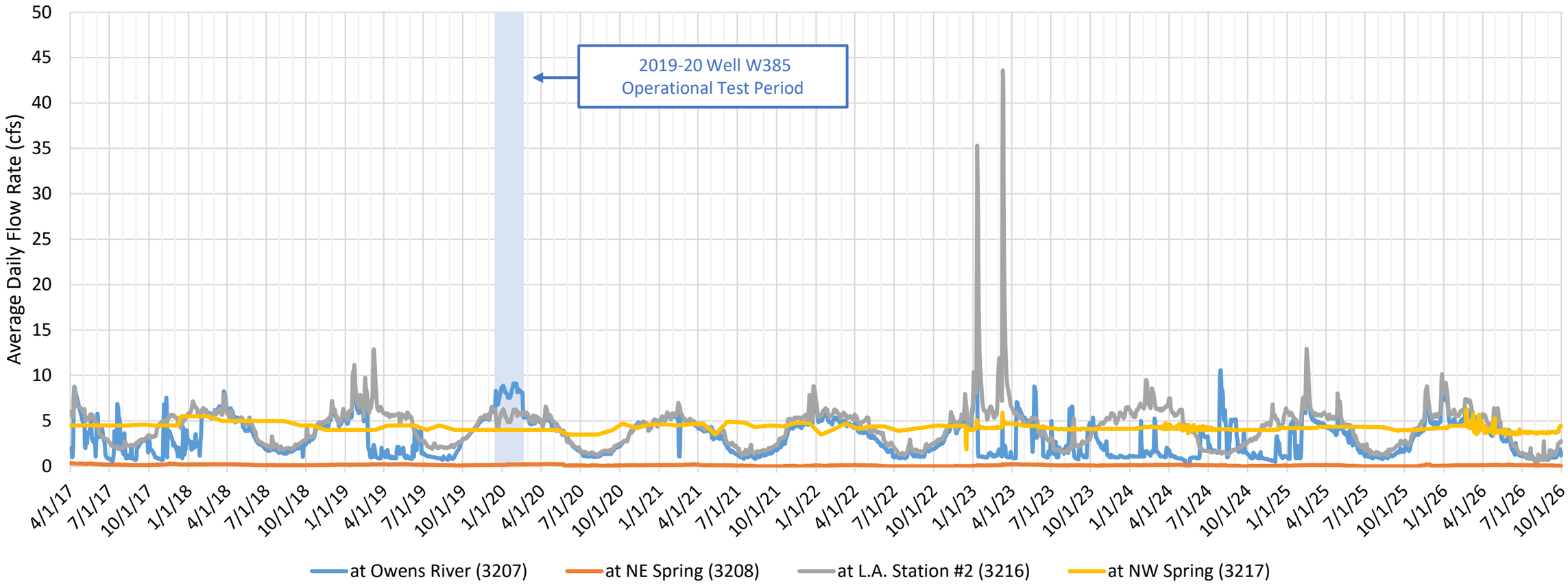


Note that W386 is not included in the above hydrograph. Nearby deep monitoring well T733 is considered a surrogate for W386. T733 did not produce enough pressure to register on 9/23/2025 and 10/21/2025.
Note that T827 had a blockage at approximately -4-ft from RP from August 15, 2023 to September 19, 2024.



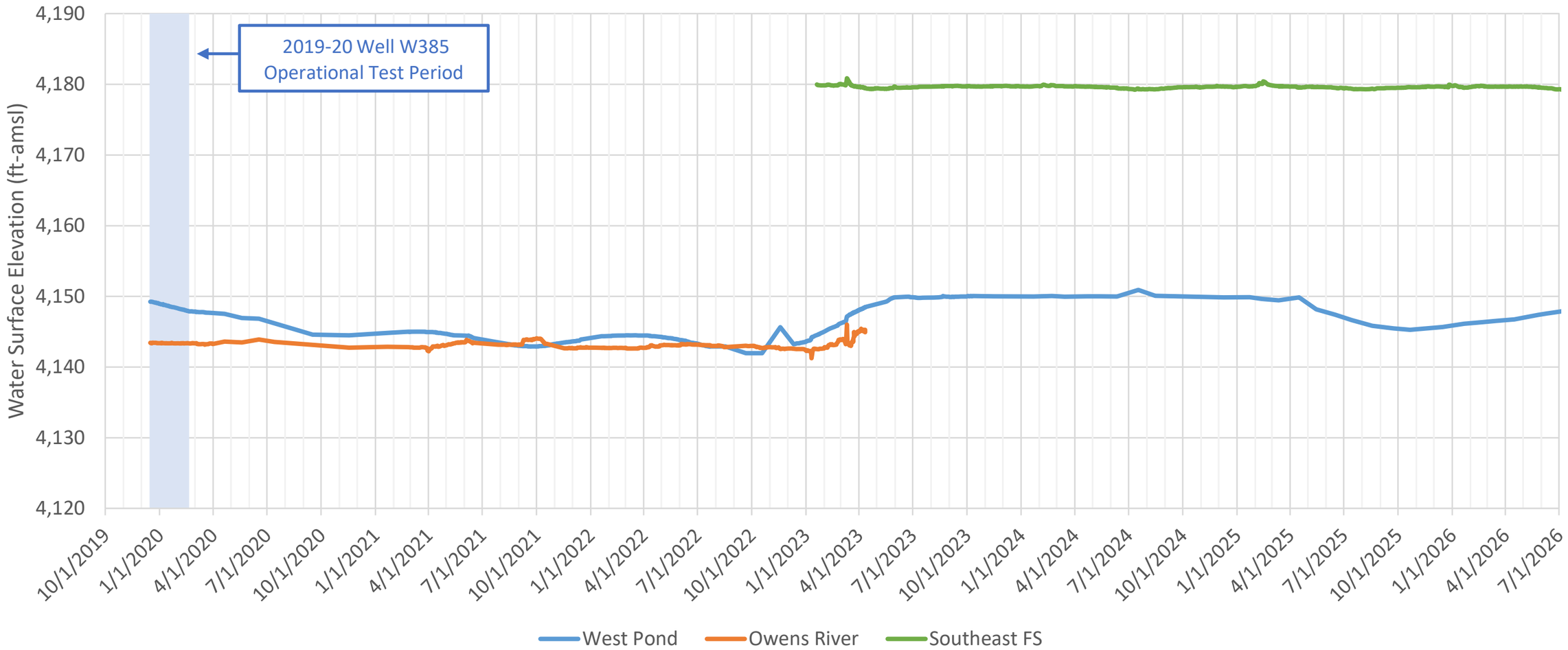
Note that T831 was experiencing artesian conditions from November 2023 to February 2024 and was not measured during that period.

Fish Slough Flows



Note that beaver activity affected measurements at Flume 3217 in late February and March 2026.

Staff Gauge Water Levels



Note that the West Pond water level was above the staff gauge between June 22, 2023 and April 16, 2025.
Note that the Owens River Staff gauge remains offline.

Tabulated Groundwater Levels

July - September

Date	Distance to Water from RP (feet)																														Date
	Pumping Well	Trigger Monitoring Wells						Fish Slough Monitoring Wells						North of Owens River Monitoring Wells											South of Owens River Monitoring Wells								
	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	
7/1/26					-4.23						-24.65	-28.23												-26.75									7/1/26
7/2/26					-4.23						-24.66	-28.23																					7/2/26
7/3/26					-4.24						-24.67	-28.23																					7/3/26
7/4/26					-4.26						-24.68	-28.24																					7/4/26
7/5/26					-4.24						-24.67	-28.23																					7/5/26
7/6/26					-4.26						-24.67	-28.23																					7/6/26
7/7/26					-4.26						-24.67	-28.23																					7/7/26
7/8/26					-4.29						-24.67	-28.23																					7/8/26
7/9/26					-4.29						-24.67	-28.23																					7/9/26
7/10/26					-4.28						-24.65	-28.23																					7/10/26
7/11/26					-4.32						-24.69	-28.24																					7/11/26
7/12/26					-4.31						-24.67	-28.24																					7/12/26
7/13/26					-4.33						-24.67	-28.24																					7/13/26
7/14/26					-4.33						-24.68	-28.24																					7/14/26
7/15/26					-4.33						-24.69	-28.24																					7/15/26
7/16/26					-4.32						-24.65	-28.23																					7/16/26
7/17/26					-4.32						-24.67	-28.23																					7/17/26
7/18/26					-4.33						-24.68	-28.23																					7/18/26
7/19/26					-4.35						-24.68	-28.24																					7/19/26
7/20/26		-6.83	-6.85		-4.36	-14.72	-13.89	-29.01	-8.48	-1.95	-24.68	-28.24		-11.49	-8.74	0.69	7.62	-2.07	-1.01	7.85	-4.97	-14.76	-7.02			-11.14	-6.25	-4.17	-9.46	-5.85	-8.62	-6.92	-6.83	7/20/26
7/21/26					-4.37						-24.68	-28.24																					7/21/26
7/22/26					-4.37						-24.69	-28.24																					7/22/26
7/23/26					-4.38						-24.68	-28.24																					7/23/26
7/24/26					-4.38						-24.68	-28.24																					7/24/26
7/25/26					-4.38						-24.68	-28.24																					7/25/26
7/26/26					-4.39						-24.68	-28.24																					7/26/26
7/27/26					-4.39						-24.70	-28.24																					7/27/26
7/28/26					-4.39						-24.70	-28.24																					7/28/26
7/29/26					-4.41						-24.70	-28.25																					7/29/26
7/30/26					-4.41						-24.71	-28.25																					7/30/26
7/31/26					-4.43						-24.72	-28.25																					7/31/26
8/1/26					-4.44						-24.72	-28.26																					8/1/26
8/2/26					-4.44						-24.70	-28.26																					8/2/26
8/3/26					-4.44						-24.70	-28.25												-26.52									8/3/26
8/4/26					-4.45						-24.71	-28.26																					8/4/26
8/5/26					-4.45						-24.71	-28.26																					8/5/26
8/6/26					-4.46						-24.72	-28.26																					8/6/26
8/7/26					-4.47						-24.72	-28.26																					8/7/26
8/8/26					-4.48						-24.73	-28.27																					8/8/26
8/9/26					-4.48						-24.72	-28.26																					8/9/26
8/10/26					-4.48						-24.71	-28.26																					8/10/26
8/11/26					-4.48						-24.72	-28.26																					8/11/26
8/12/26					-4.48						-24.72	-28.26																					8/12/26
8/13/26					-4.47						-24.72	-28.26																					8/13/26
8/14/26					-4.45						-24.72	-28.26																					8/14/26
8/15/26					-4.45						-24.72	-28.26																					8/15/26
8/16/26					-4.45						-24.74	-28.26																					8/16/26
8/17/26		-6.69	-7.45		-4.46	-14.97	-14.09	-29.03	-10.75	-2.28	-24.72	-28.26		-11.71	-9.04	0.23	7.39	-2.00	-1.00	7.62	-4.99	-16.67	-7.34			-11.61	-6.75	-4.69	-9.92	-5.90	-8.87	-7.24	-7.29	8/17/26
8/18/26					-4.44						-24.72	-28.25																					8/18/26
8/19/26					-4.45						-24.71	-28.26																					8/19/26
8/20/26					-4.46						-24.72	-28.26																					8/20/26
8/21/26					-4.46						-24.73	-28.26																					8/21/26
8/22/26					-4.48						-24.73	-28.26																					8/22/26
8/23/26					-4.47						-24.73	-28.26																					8/23/26
8/24/26					-4.46						-24.73	-28.26		-11.81																			8/24/26
8/25/26					-4.49						-24.75	-28.27																					8/25/26
8/26/26					-4.48						-24.74	-28.27																					8/26/26
8/27/26					-4.50						-24.73	-28.27																					8/27/26
8/28/26					-4.51						-24.70	-28.27																					8/28/26
8/29/26					-4.47						-24.73	-28.26																					8/29/26
8/30/26					-4.47						-24.73	-28.26																					8/30/26
8/31/26					-4.46						-24.72	-28.26																					8/31/26

Note that W386 data is not included. Nearby deep monitoring well T733 is considered a surrogate for W386.

Date	Distance to Water from RP (feet)																														Date
	Pumping Well	Trigger Monitoring Wells						Fish Slough Monitoring Wells						North of Owens River Monitoring Wells											South of Owens River Monitoring Wells								
	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	
9/1/26					-4.49						-24.72	-28.26												-27.90									9/1/26
9/2/26					-4.47						-24.73	-28.26																					9/2/26
9/3/26					-4.48						-24.74	-28.26																					9/3/26
9/4/26					-4.47						-24.73	-28.25																					9/4/26
9/5/26					-4.47						-24.74	-28.26																					9/5/26
9/6/26					-4.49						-24.74	-28.26																					9/6/26
9/7/26					-4.46						-24.75	-28.26																					9/7/26
9/8/26					-4.46						-24.75	-28.26																					9/8/26
9/9/26					-4.47						-24.76	-28.26																					9/9/26
9/10/26					-4.47						-24.75	-28.26																					9/10/26
9/11/26					-4.46						-24.72	-28.26																					9/11/26
9/12/26					-4.45						-24.75	-28.25																					9/12/26
9/13/26					-4.46						-24.73	-28.26																					9/13/26
9/14/26					-4.45						-24.75	-28.26																					9/14/26
9/15/26					-4.44						-24.74	-28.26																					9/15/26
9/16/26		-6.86	-7.71		-4.43	-15.13	-14.16	-29.07	-12.03	-2.48	-24.74	-28.26		-11.30	-9.36	0.00	7.39	-1.83	-0.87	7.62	-4.92	-17.65	-7.48			-11.90	-7.07	-4.95	-10.22	-5.97	-9.02	-6.75	-7.54	9/16/26
9/17/26					-4.44						-24.75	-28.26																					9/17/26
9/18/26					-4.43						-24.76	-28.26																					9/18/26
9/19/26					-4.45						-24.76	-28.26																					9/19/26
9/20/26					-4.44						-24.76	-28.26																					9/20/26
9/21/26					-4.42						-24.74	-28.26																					9/21/26
9/22/26					-4.39						-24.73	-28.25																					9/22/26
9/23/26					-4.40						-24.75	-28.25																					9/23/26
9/24/26					-4.40						-24.75	-28.25																					9/24/26
9/25/26					-4.37						-24.74	-28.25																					9/25/26
9/26/26					-4.37						-24.73	-28.25																					9/26/26
9/27/26					-4.37						-24.74	-28.24																					9/27/26
9/28/26					-4.35						-24.71	-28.24																					9/28/26
9/29/26					-4.38						-24.74	-28.24																					9/29/26
9/30/26					-4.36						-24.74	-28.24																					9/30/26
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10/3/26					-4.36						-24.74	-28.24																					10/3/26
10/4/26					-4.34						-24.75	-28.24																					10/4/26
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10/30/26																																	10/30/26
10/31/26																																	10/31/26

Tabulated Surface Water Levels July-September

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)
7/1/26			1.44	1.26
7/2/26			1.52	1.23
7/3/26			1.41	1.13
7/4/26			1.41	1.12
7/5/26			1.35	1.10
7/6/26			1.40	1.12
7/7/26			1.37	1.16
7/8/26			1.30	1.36
7/9/26			1.04	1.00
7/10/26			0.96	1.04
7/11/26			0.87	0.95
7/12/26			0.95	0.98
7/13/26			1.00	1.06
7/14/26			1.12	1.05
7/15/26			1.20	1.31
7/16/26			1.21	1.17
7/17/26			0.96	1.01
7/18/26			0.80	0.99
7/19/26			0.86	0.96
7/20/26	4148.05		0.83	0.90
7/21/26			2.02	1.98
7/22/26			0.86	0.98
7/23/26			0.88	0.95
7/24/26			0.84	0.89
7/25/26			0.91	1.13
7/26/26			0.81	0.97
7/27/26			0.87	0.96
7/28/26			0.76	0.89
7/29/26			0.75	0.89
7/30/26			0.71	0.86
7/31/26			0.68	0.80

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)
8/1/26			0.68	0.53
8/2/26			0.63	0.00
8/3/26			0.62	0.00
8/4/26			0.62	0.00
8/5/26			0.56	0.31
8/6/26			0.55	0.56
8/7/26			0.55	0.50
8/8/26			1.30	0.90
8/9/26			0.75	0.98
8/10/26			0.75	0.94
8/11/26			0.72	0.89
8/12/26			0.68	0.89
8/13/26			1.00	0.89
8/14/26			1.02	1.11
8/15/26			0.75	1.04
8/16/26			0.75	0.97
8/17/26	4147.71		0.75	0.89
8/18/26			0.70	0.89
8/19/26			0.68	0.86
8/20/26			0.68	0.80
8/21/26			2.77	2.22
8/22/26			0.76	0.97
8/23/26			0.75	0.95
8/24/26			0.75	0.89
8/25/26			0.72	0.87
8/26/26			0.68	0.82
8/27/26			0.83	0.80
8/28/26			0.82	0.80
8/29/26			1.16	0.80
8/30/26			1.17	0.72
8/31/26			1.07	0.72

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)
9/1/26			1.07	1.09
9/2/26			1.03	0.95
9/3/26			1.76	0.90
9/4/26			1.24	1.17
9/5/26			1.53	1.03
9/6/26			1.69	0.98
9/7/26			1.76	0.98
9/8/26			1.35	1.03
9/9/26			1.31	1.05
9/10/26			1.26	0.97
9/11/26			1.60	1.20
9/12/26			1.34	1.22
9/13/26			1.23	0.97
9/14/26			1.27	1.08
9/15/26			1.26	0.93
9/16/26	4146.96		1.61	1.33
9/17/26			1.39	0.98
9/18/26			1.50	0.97
9/19/26			1.73	1.29
9/20/26			1.79	1.06
9/21/26			1.92	1.73
9/22/26			2.31	1.77
9/23/26			2.45	1.76
9/24/26			2.53	1.77
9/25/26			2.52	1.53
9/26/26			2.56	1.42
9/27/26			2.61	1.89
9/28/26			2.64	1.73
9/29/26			2.73	1.67
9/30/26			2.77	1.18

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)
10/1/26				
10/2/26				
10/3/26				
10/4/26				
10/5/26				
10/6/26				
10/7/26				
10/8/26				
10/9/26				
10/10/26				
10/11/26				
10/12/26				
10/13/26				
10/14/26				
10/15/26				
10/16/26				
10/17/26				
10/18/26				
10/19/26				
10/20/26				
10/21/26				
10/22/26				
10/23/26				
10/24/26				
10/25/26				
10/26/26				
10/27/26				
10/28/26				
10/29/26				
10/30/26				
10/31/26				

End of Report