

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

January, 2023

Monitoring Well Information

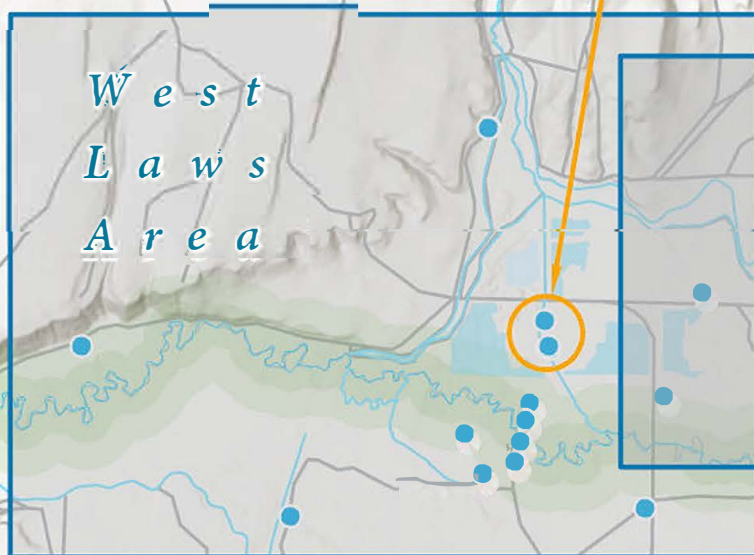
Well	Total Depth (ft)	RP Offset from Ground (ft)	RP Elevation (ft-amsl)	Distance from W385 (mi)
FS #1	61	1.82	4,230.07*	7.1
FS #2	46	1.80	4,185.25*	4.0
FS #3D	145	2.59	4,194.84	2.8
FS #3S	35	2.76	4,194.22	2.8
T397	180	1.86	4,230.42	7.1
T438	37	3.21	4,142.11	0.6
T576†	18.1	0.92	4,129.42	1.0
T704	32	2.33	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	0.1
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

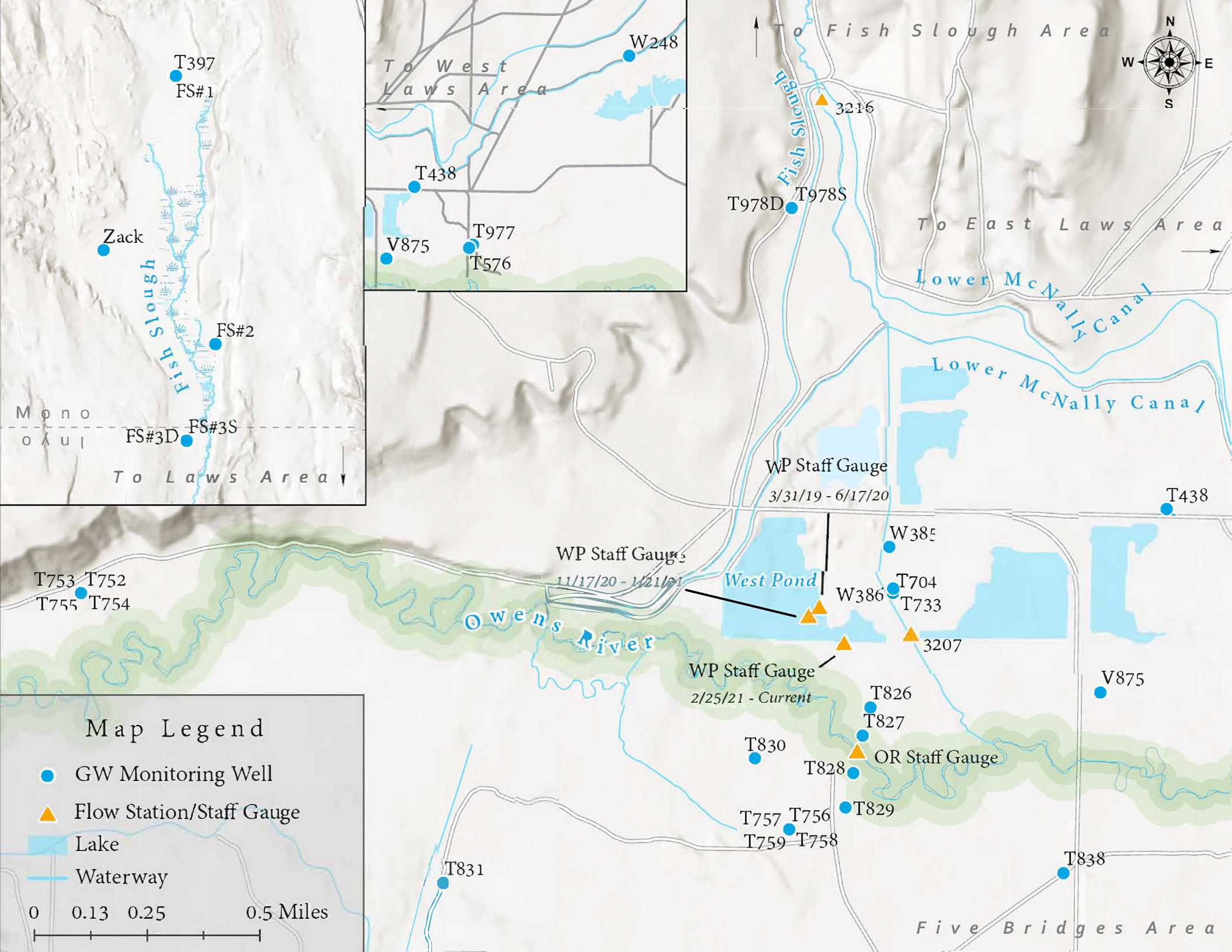


W 3 8 5
&
W 3 8 6

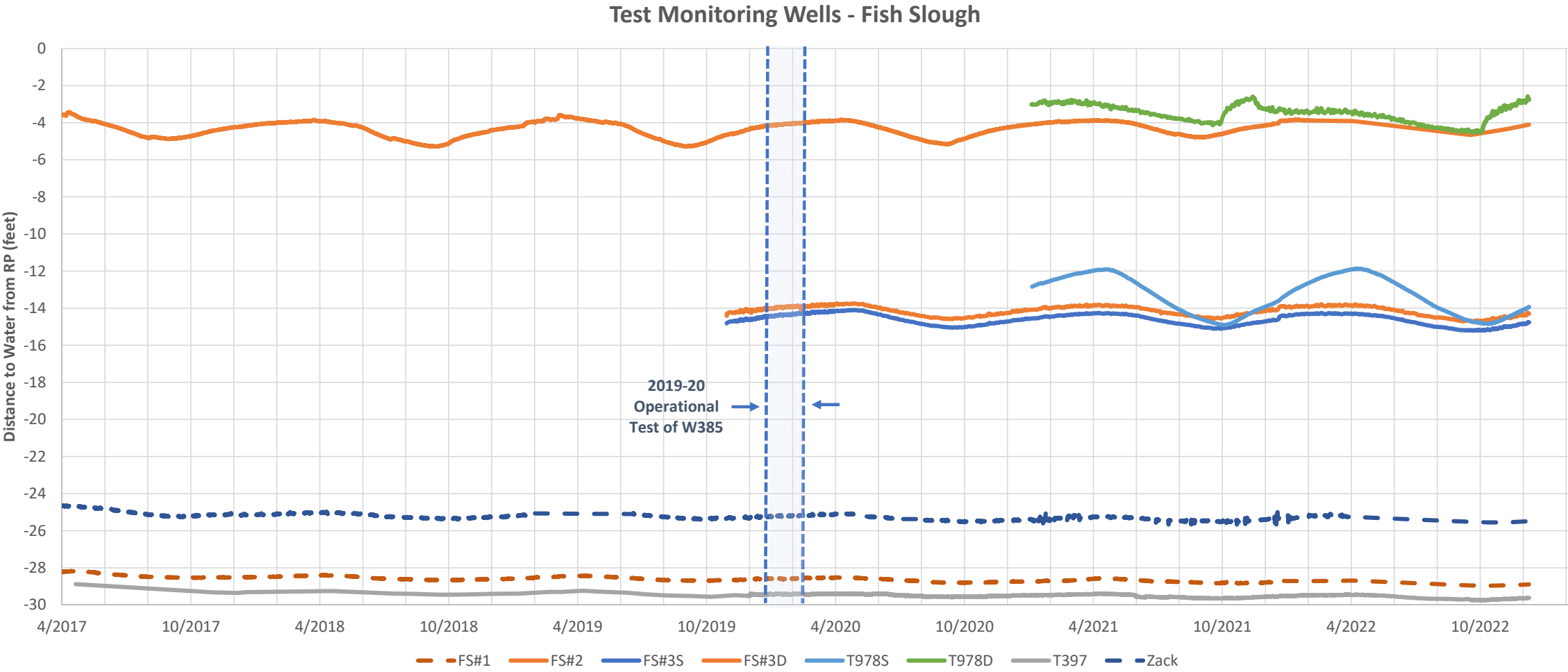


0 0.38 0.75 1.5 Miles

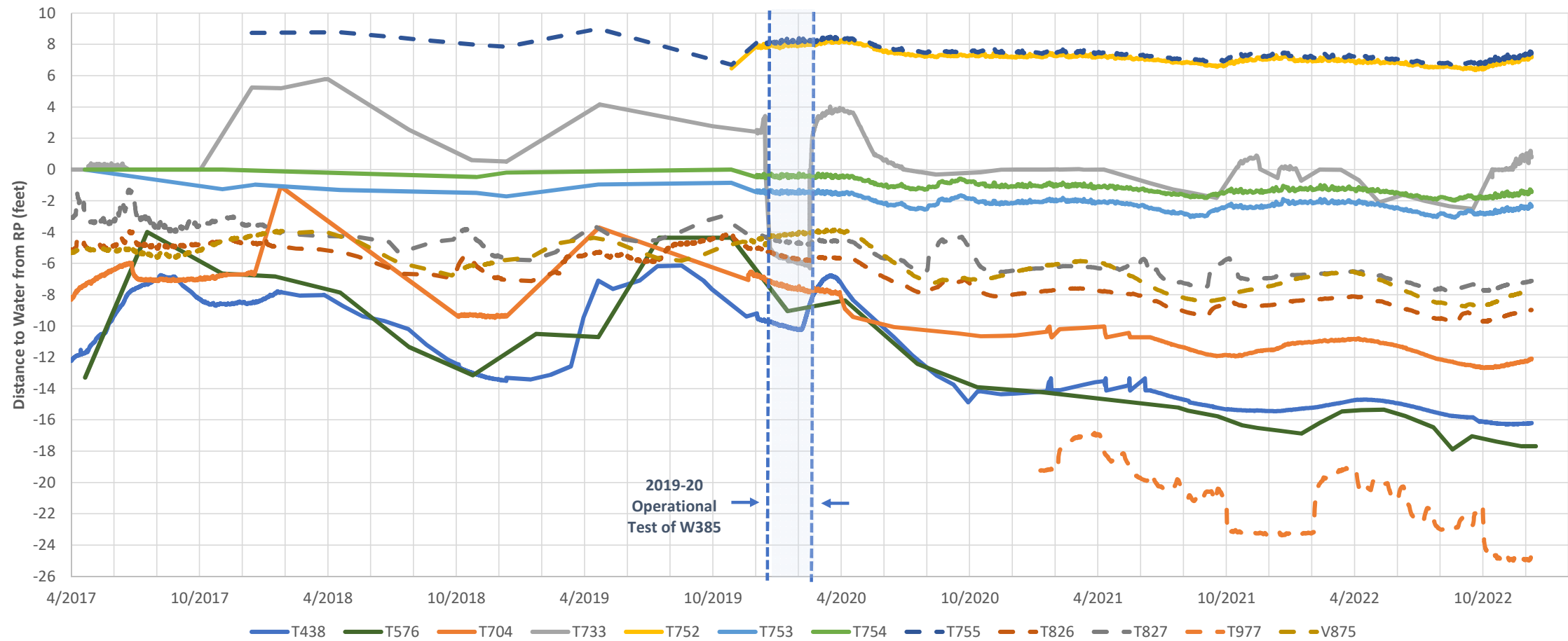
Laws



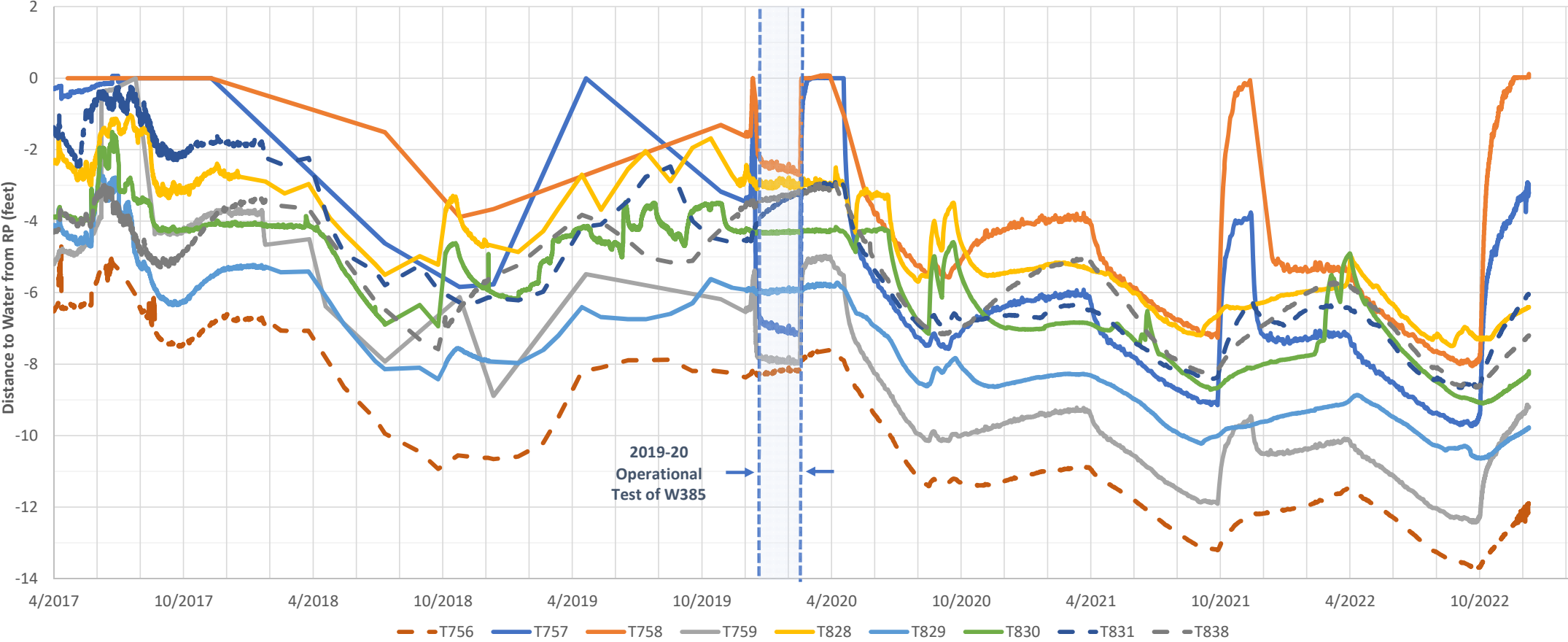
Groundwater Hydrographs



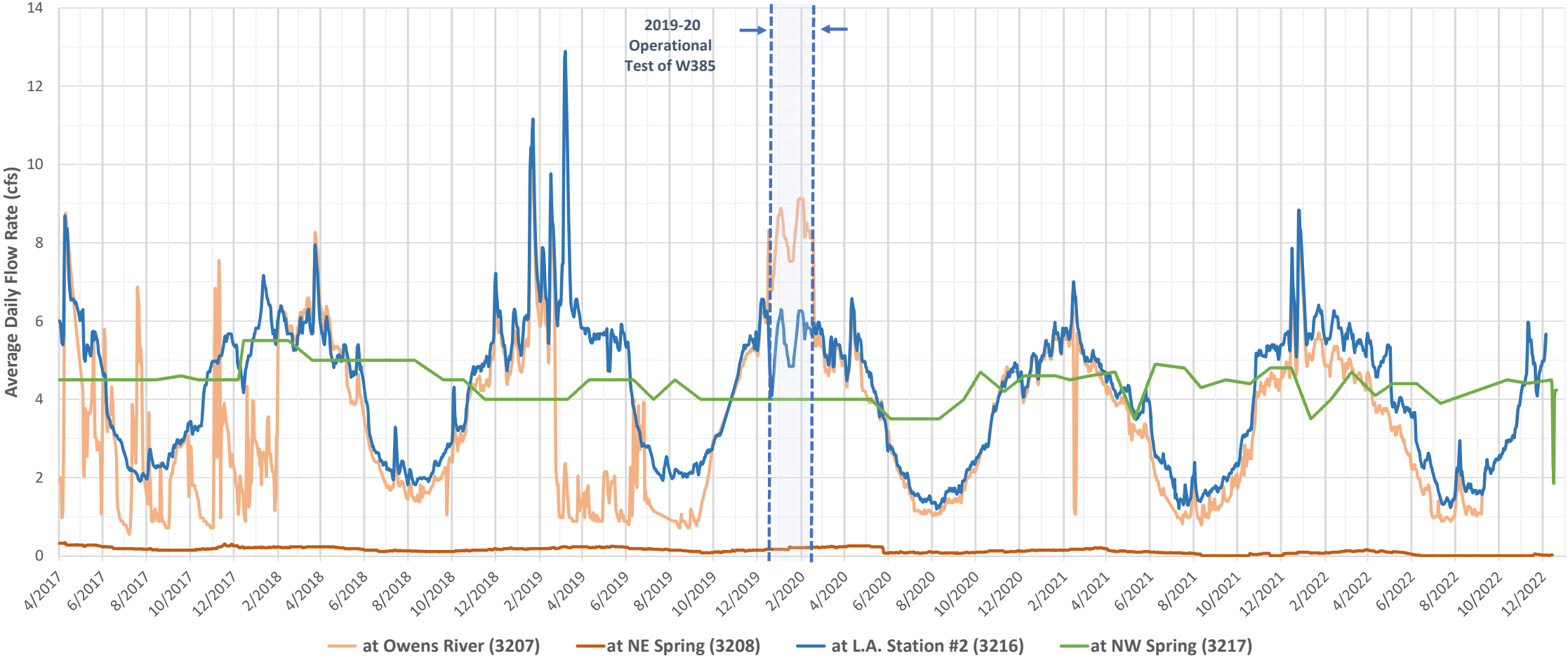
Test Monitoring Wells - North of Owens River



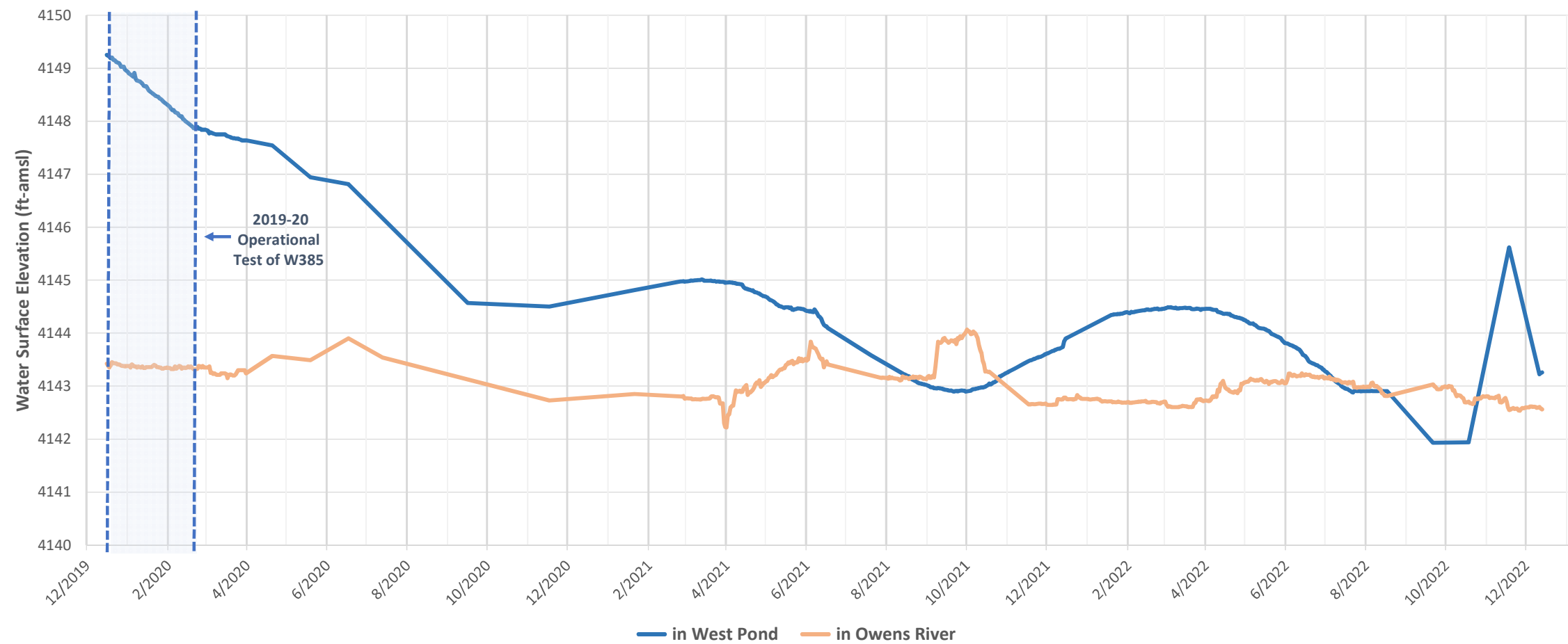
Test Monitoring Wells - South of Owens River



Fish Slough Flows



Staff Gauge Water Levels



Tabulated Groundwater Reads

September - December

Tabulated Surface Water Values

September - December

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)
9/1/22	4145.30		1.63	1.08
9/2/22	4145.29		1.65	1.10
9/3/22	4145.29		1.67	1.10
9/4/22	4145.28		1.61	1.09
9/5/22	4145.27		1.64	1.11
9/6/22			1.66	1.07
9/7/22			1.57	1.57
9/8/22			1.68	1.68
9/9/22			1.69	1.69
9/10/22			1.78	1.78
9/11/22			2.09	2.09
9/12/22	4145.29		2.27	2.27
9/13/22	4145.29		2.21	2.21
9/14/22	4145.34		2.46	2.46
9/15/22	4145.31		2.29	2.29
9/16/22	4145.31		2.27	2.27
9/17/22			2.24	2.24
9/18/22			2.20	2.20
9/19/22			2.11	2.11
9/20/22			2.16	2.16
9/21/22		4143.03	2.21	2.21
9/22/22		4143.00	2.20	2.20
9/23/22		4142.98	2.32	2.32
9/24/22		4142.95	2.40	2.40
9/25/22		4142.94	2.39	2.39
9/26/22	4145.24	4142.94	2.47	2.47
9/27/22	4145.24	4142.94	2.47	2.47
9/28/22		4142.98	2.48	2.48
9/29/22		4142.98	2.46	2.46
9/30/22		4143.00	2.46	2.46

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)
10/1/22		4142.98	2.57	2.57
10/2/22		4142.97	2.50	2.50
10/3/22		4143.00	2.53	2.53
10/4/22		4142.99	2.59	2.59
10/5/22		4142.99	2.61	2.61
10/6/22		4142.92	2.65	2.65
10/7/22		4142.92	2.74	2.74
10/8/22		4142.85	2.71	2.71
10/9/22		4142.81	2.74	2.74
10/10/22		4142.83	2.80	2.80
10/11/22		4142.83	2.95	2.95
10/12/22		4142.82	2.91	2.91
10/13/22	4145.22	4142.79	2.92	2.92
10/14/22	4145.22	4142.77	2.96	2.96
10/15/22	4145.23	4142.69	2.97	2.97
10/16/22	4145.24	4142.69	2.93	2.93
10/17/22		4142.70	2.96	2.96
10/18/22		4142.71	2.97	2.97
10/19/22		4142.68	3.04	3.04
10/20/22		4142.68	3.08	3.08
10/21/22		4142.66	3.07	3.07
10/22/22		4142.67	3.02	3.02
10/23/22		4142.77	3.24	3.24
10/24/22		4142.76	3.29	3.29
10/25/22		4142.76	3.31	3.31
10/26/22		4142.77	3.50	3.50
10/27/22		4142.77	3.72	3.72
10/28/22		4142.79	3.84	3.84
10/29/22		4142.81	3.84	3.84
10/30/22		4142.80	3.96	3.96
10/31/22		4142.80	4.11	4.11

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)
11/1/22		4142.81	4.21	4.21
11/2/22		4142.81	4.30	4.30
11/3/22		4142.77	4.41	4.41
11/4/22		4142.78	4.43	4.43
11/5/22		4142.78	4.36	4.36
11/6/22			4.47	4.47
11/7/22			4.57	4.57
11/8/22			4.67	4.67
11/9/22			5.12	5.12
11/10/22			5.97	5.97
11/11/22			5.94	5.94
11/12/22			5.56	5.56
11/13/22			5.49	5.49
11/14/22			5.53	5.53
11/15/22			5.36	5.36
11/16/22	4145.62	4142.71	5.15	5.15
11/17/22		4142.60	5.09	5.09
11/18/22		4142.55	4.90	4.90
11/19/22		4142.57	4.94	4.94
11/20/22		4142.57	4.86	4.86
11/21/22		4142.59	4.47	4.47
11/22/22		4142.57	4.19	4.19
11/23/22		4142.57	4.09	4.09
11/24/22		4142.59	4.33	4.33
11/25/22		4142.54	4.56	4.56
11/26/22		4142.54	4.69	4.69
11/27/22		4142.57	4.73	4.73
11/28/22		4142.59	4.84	4.84
11/29/22		4142.58	4.86	4.86
11/30/22		4142.59	4.97	4.97

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)
12/1/22		4142.60	4.97	4.97
12/2/22		4142.60	4.97	4.97
12/3/22		4142.61	5.06	5.06
12/4/22		4142.61	5.32	5.32
12/5/22		4142.61	5.67	5.67
12/6/22		4142.61		
12/7/22		4142.61		
12/8/22		4142.61		
12/9/22		4142.59		
12/10/22		4142.60		
12/11/22	4143.22	4142.59		
12/12/22	4143.24	4142.57		
12/13/22	4143.26			
12/14/22				
12/15/22				
12/16/22				
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End of Report