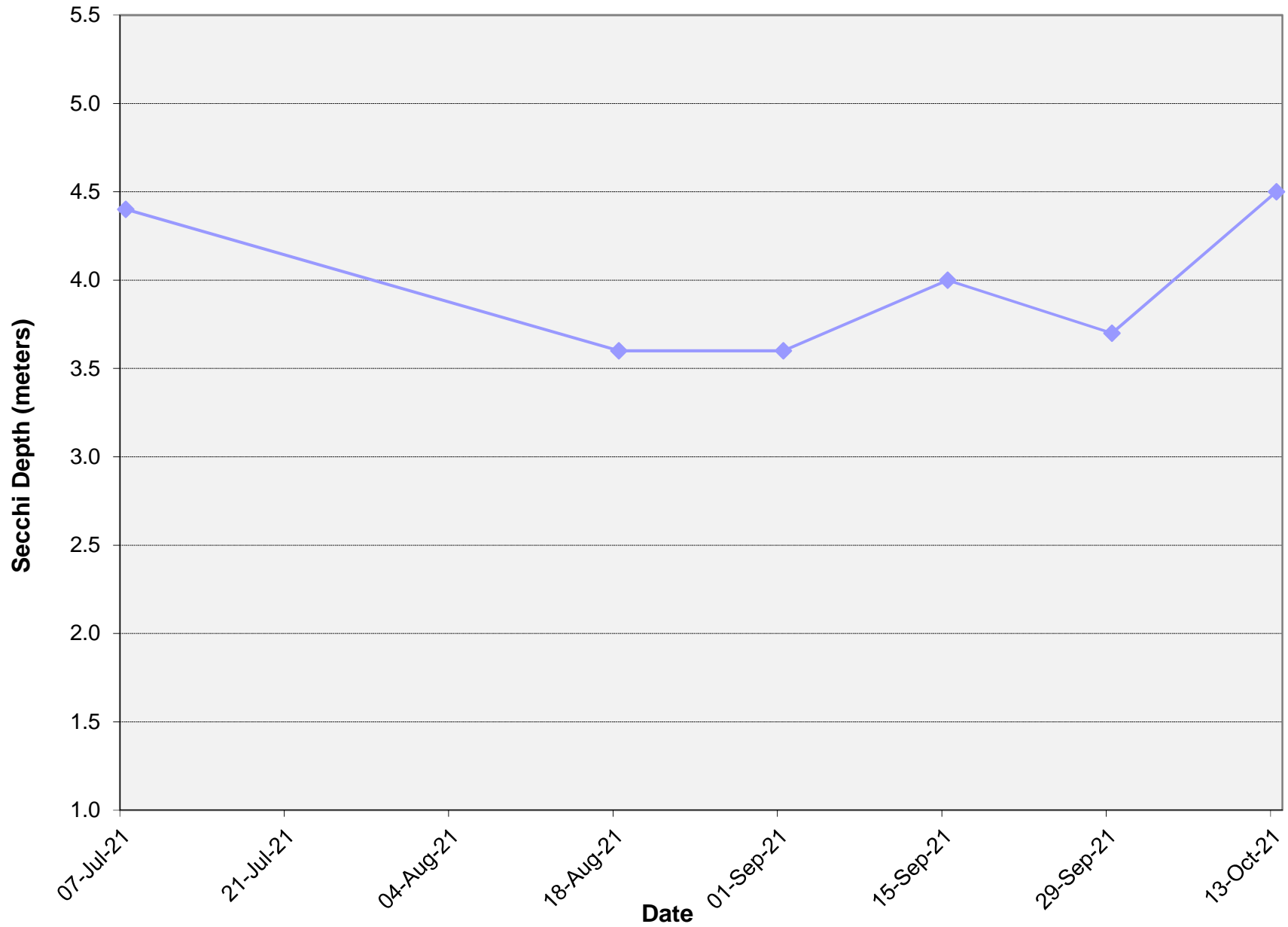


OLWQS 2021 4 PACKING HOUSE

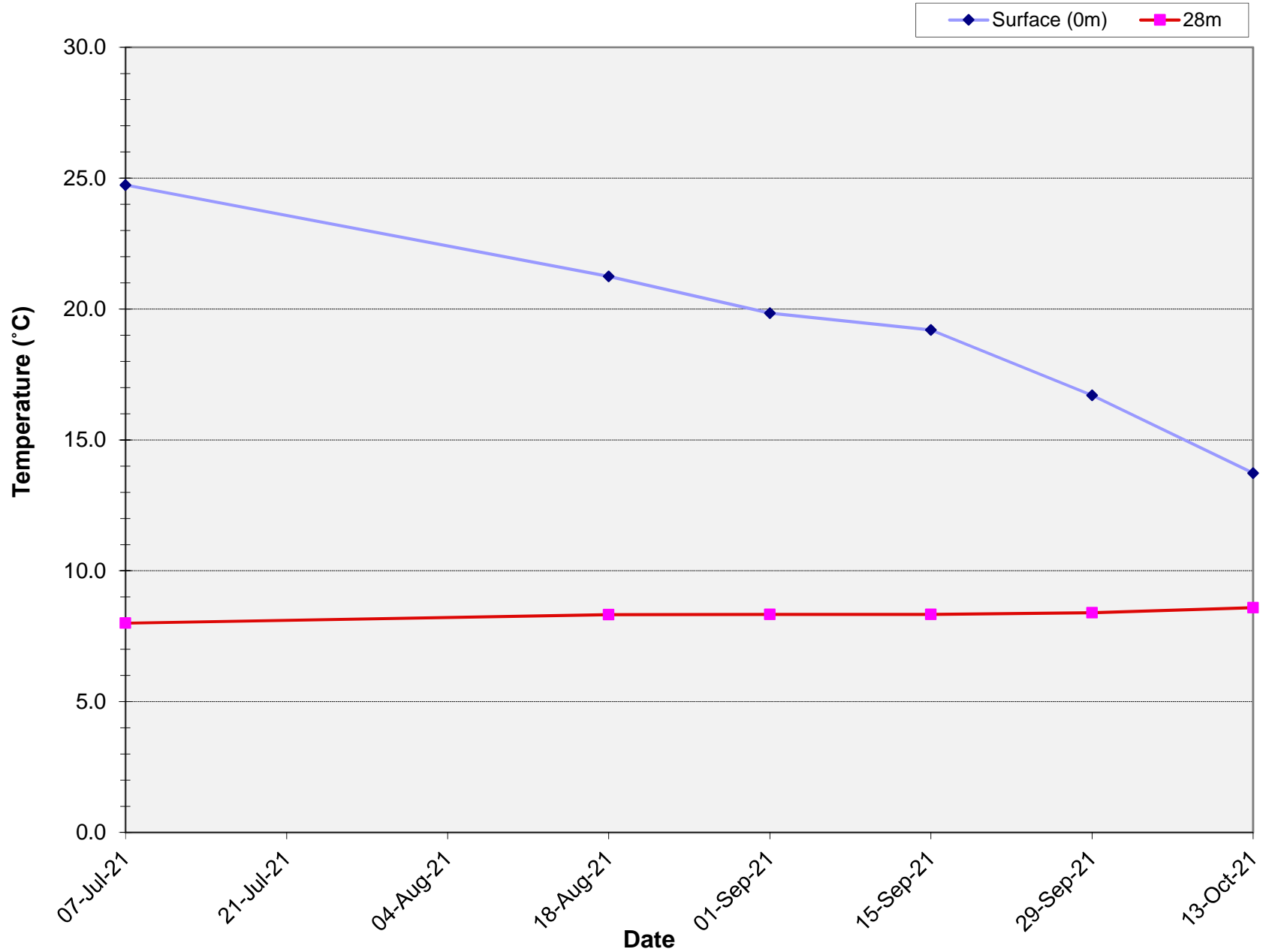
DATA - PACKINGHOUSE - 2021

DATE	TIME	SKY CONDITION	WIND DIRECTION	WIND STRENGTH	WATER CONDITION	AIR TEMPERATURE (°C)	LAKE DEPTH (meters)	SECCHI DISC (meters)	TEMP, SURFACE (°C at 0m)	TEMP, BOTTOM (°C at 28m)	D.O. SURFACE (mg/l at 0m)	D.O. BOTTOM (mg/l at 28m)	SP. COND. - SURFACE (µS/cm)	SP. COND. - BTM (µS/cm at 28m)	pH SURFACE	pH BOTTOM (28 m)	THERMOCLINE			NOTES	
																	DEPTH (meters)	TEMP (°C)	D.O. (ppm)		
7-Jul-21	9:10 AM	Overcast	E	Calm	Light ripple	22	64	4.4	24.7	8.0	8.48	7.37	276.7	284.2	8.51	7.18	11	15.9	7.54		
18-Aug-21	9:02 AM	Clear	N	Moderate	Small waves	16.0	64.0	3.6	21.25	8.32	8.36	5.64	283.45	283.7	8.20	7.09	13.5	15.14	4.92		
1-Sep-21	9:46 AM	Broken		Calm	Calm	15	64	3.6	19.8	8.3	8.74	4.93	286.0	284.6	8.22	7.11	14	14.6	4.12		
15-Sep-21	9:21 AM	Clear	N	Moderate	Small waves	16	64	4.0	19.2	8.3	8.88	4.61	285.8	284.2	8.34	7.25	14	15.9	5.31		
29-Sep-21	9:10 AM	Scattered	SE	Moderate	Small waves	11	64	3.7	16.7	8.4	8.93	3.78	288.9	286.0	8.15	7.33	16	12.5	4.75		
13-Oct-21	11:13 AM	Overcast		Calm	Calm	8	64	4.5	13.7	8.6	9.21	3.00	288.7	285.9	8.06	7.11	18	11.2	6.05		

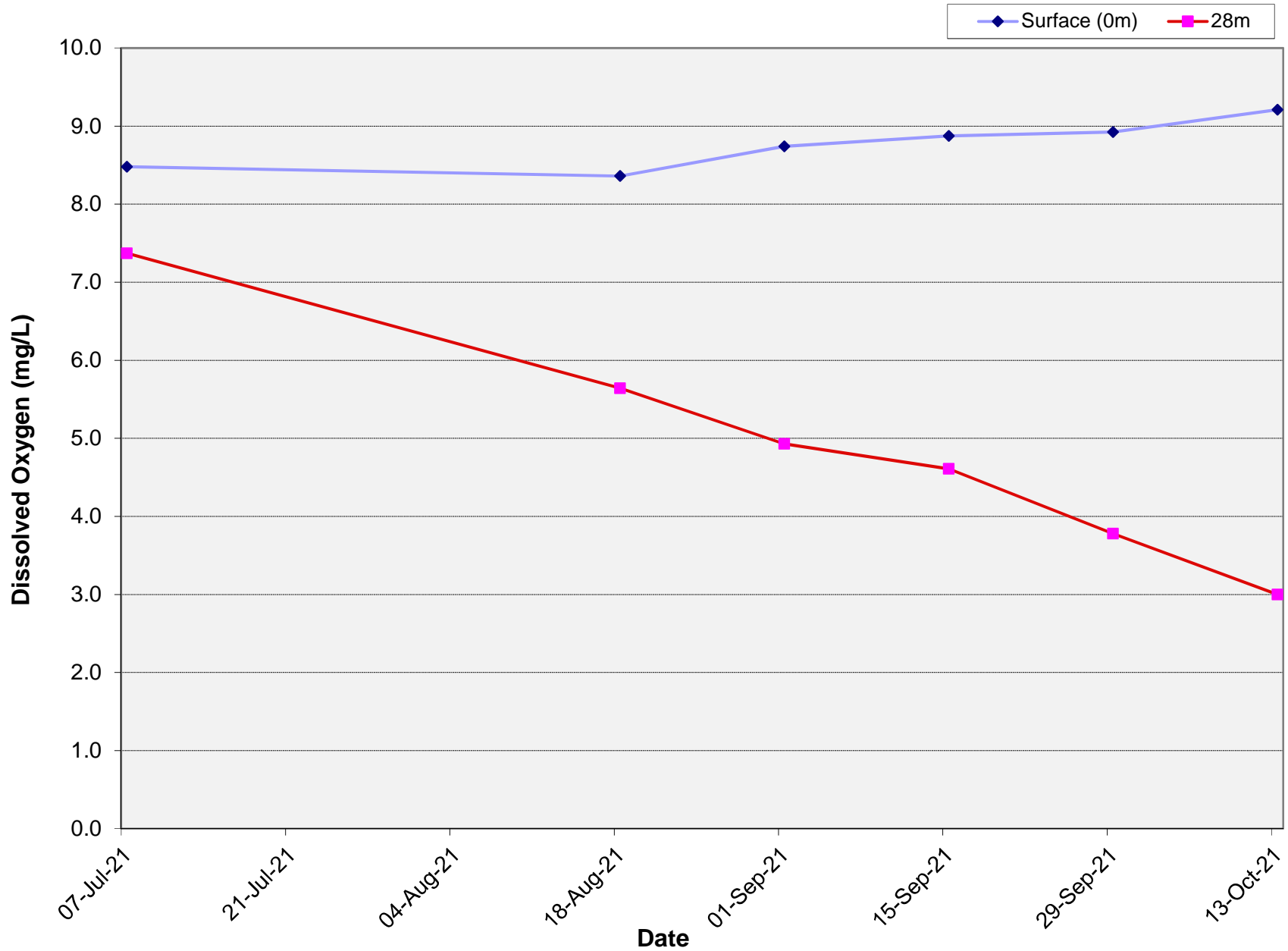
Osoyoos Lake (at Packing house) - Secchi Depth 2021



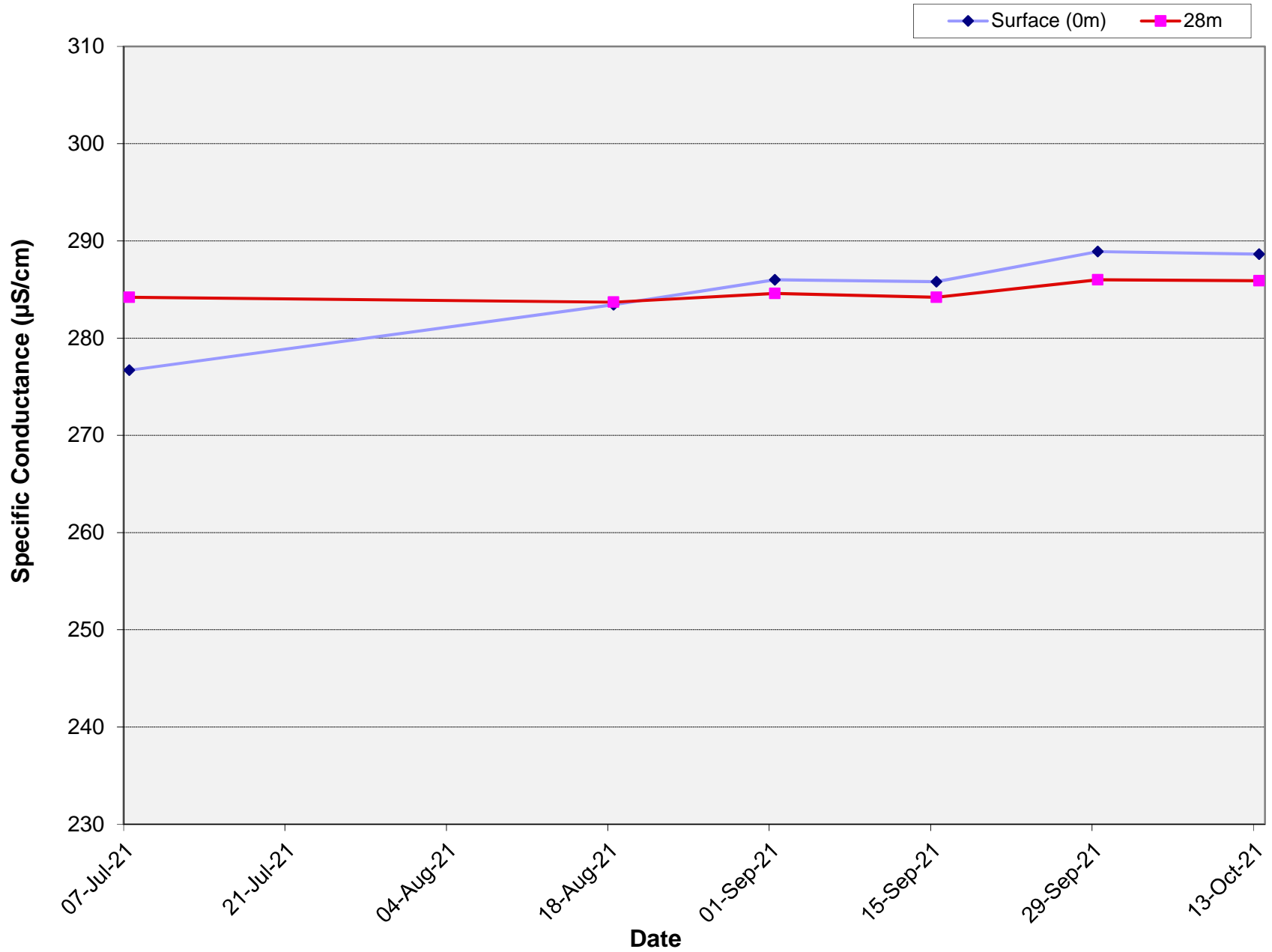
Osoyoos Lake (at Packing house) - Water Temperature 2021



Osoyoos Lake (at Packinghouse) - Dissolved Oxygen Levels 2021



Osoyoos Lake (at Packinghouse) - Specific Conductance 2021



OLWQS - PACKING HOUSE 2021

DEPTH DATA:

Depth (m)						0-Jan-00	0-Jan-00	0-Jan-00
7-Jul-21	18-Aug-21	1-Sep-21	15-Sep-21	29-Sep-21	13-Oct-21			
0.00	0.00	0.00	0.00	0.00	0.00			
2.06	2.11	2.16	1.85	2.12	1.99			
3.93	3.92	3.94	3.81	3.91	4.01			
5.74	5.75	5.73	6.05	5.77	5.76			
7.94	7.93	7.91	7.03	8.02	8.08			
9.88	9.98	9.92	10.41	9.98	10.02			
11.94	11.95	11.90	11.07	12.04	12.03			
13.86	13.89	13.90	13.20	13.77	13.96			
15.96	15.74	15.91	15.13	15.95	15.94			
17.60	17.78	17.84	18.47	17.43	17.96			
19.59	19.84	19.78	19.10	20.11	20.02			
21.92	21.85	21.87	22.05	21.88	21.98			
23.91	23.84	23.84	24.68	23.24	23.92			
25.34	25.50	25.85	26.67	26.38	25.97			
27.45	27.93	27.93	27.20	26.97	27.96			

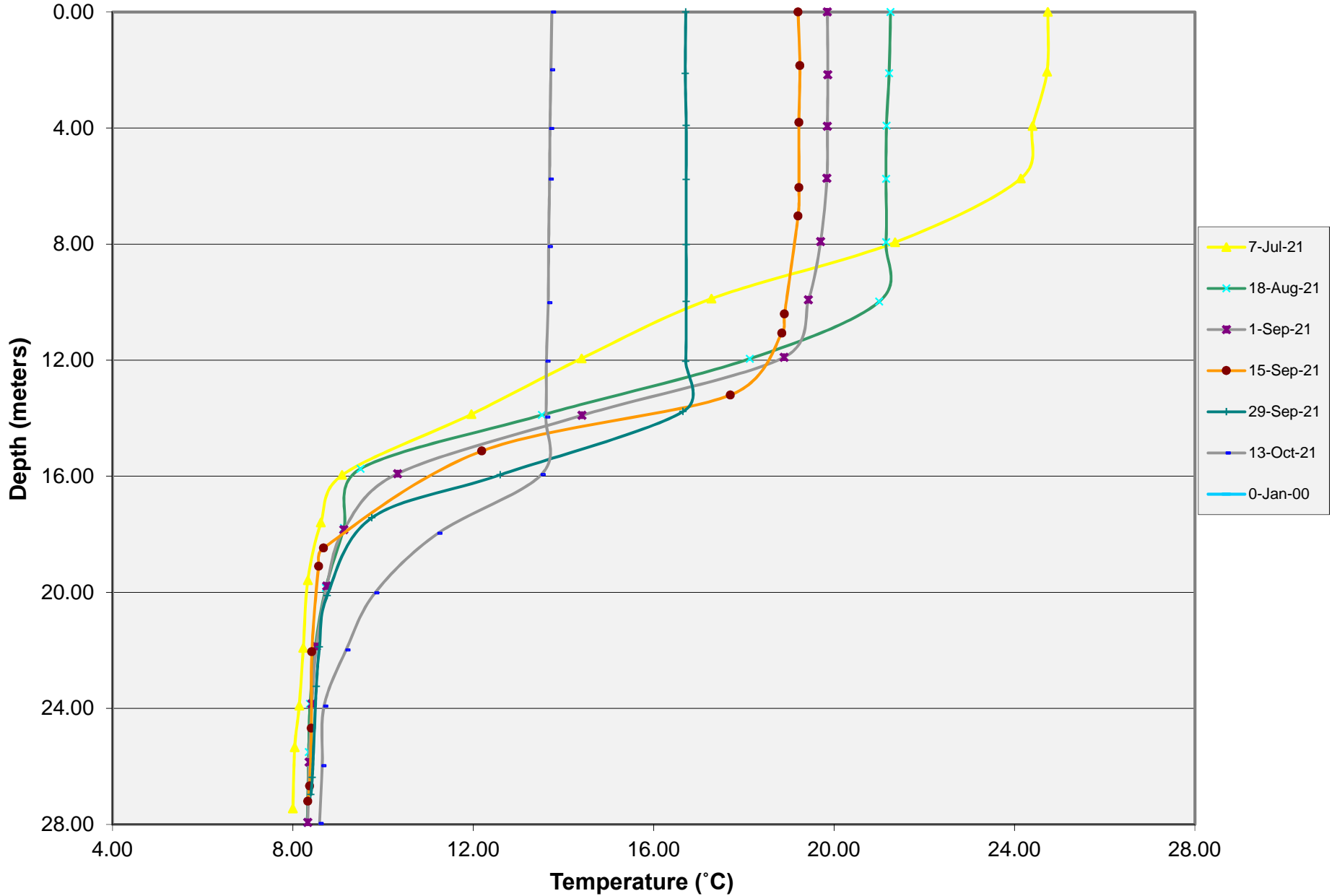
Temperature (°C)

7-Jul-21	18-Aug-21	1-Sep-21	15-Sep-21	29-Sep-21	13-Oct-21	0-Jan-00	0-Jan-00	0-Jan-00
24.74	21.25	19.85	19.20	16.71	13.74			
24.72	21.22	19.86	19.24	16.70	13.72			
24.40	21.16	19.85	19.22	16.72	13.70			
24.14	21.15	19.84	19.22	16.72	13.69			
21.35	21.15	19.70	19.20	16.72	13.67			
17.28	21.00	19.43	18.90	16.72	13.66			
14.40	18.13	18.89	18.84	16.71	13.62			
11.96	13.52	14.41	17.70	16.65	13.61			
9.09	9.50	10.32	12.19	12.60	13.51			
8.62	9.13	9.13	8.68	9.75	11.22			
8.33	8.73	8.75	8.57	8.76	9.82			
8.23	8.50	8.52	8.42	8.59	9.18			
8.14	8.38	8.42	8.41	8.52	8.69			
8.04	8.35	8.36	8.37	8.43	8.65			
8.00	8.32	8.33	8.33	8.40	8.59			

Dissolved Oxygen (mg/L)

7-Jul-21	18-Aug-21	1-Sep-21	15-Sep-21	29-Sep-21	13-Oct-21	0-Jan-00	0-Jan-00	0-Jan-00
8.48	8.36	8.74	8.88	8.93	9.21			
8.61	8.31	8.75	8.86	8.93	9.18			
8.85	8.20	8.75	8.79	8.91	9.11			
8.85	8.14	8.74	8.79	8.93	9.11			
8.51	8.14	8.54	8.73	9.05	9.09			
7.39	8.03	8.28	7.74	9.06	9.10			
7.69	6.18	7.54	7.58	8.89	9.07			
8.06	4.24	3.96	6.10	8.76	9.09			
8.35	5.48	4.69	3.71	4.77	9.01			
7.45	5.55	5.05	4.71	3.84	6.12			
7.54	5.56	5.08	4.64	3.77	3.88			
7.48	5.62	5.15	4.55	3.79	3.49			
7.46	5.60	5.11	4.51	3.76	3.11			
7.48	5.60	5.00	4.61	3.74	3.11			
7.37	5.64	4.93	4.61	3.78	3.00			

Osoyoos Lake (at Packinghouse) - Temperature Profiles 2021



Osoyoos Lake (at Packinghouse) - Oxygen Profiles 2021

