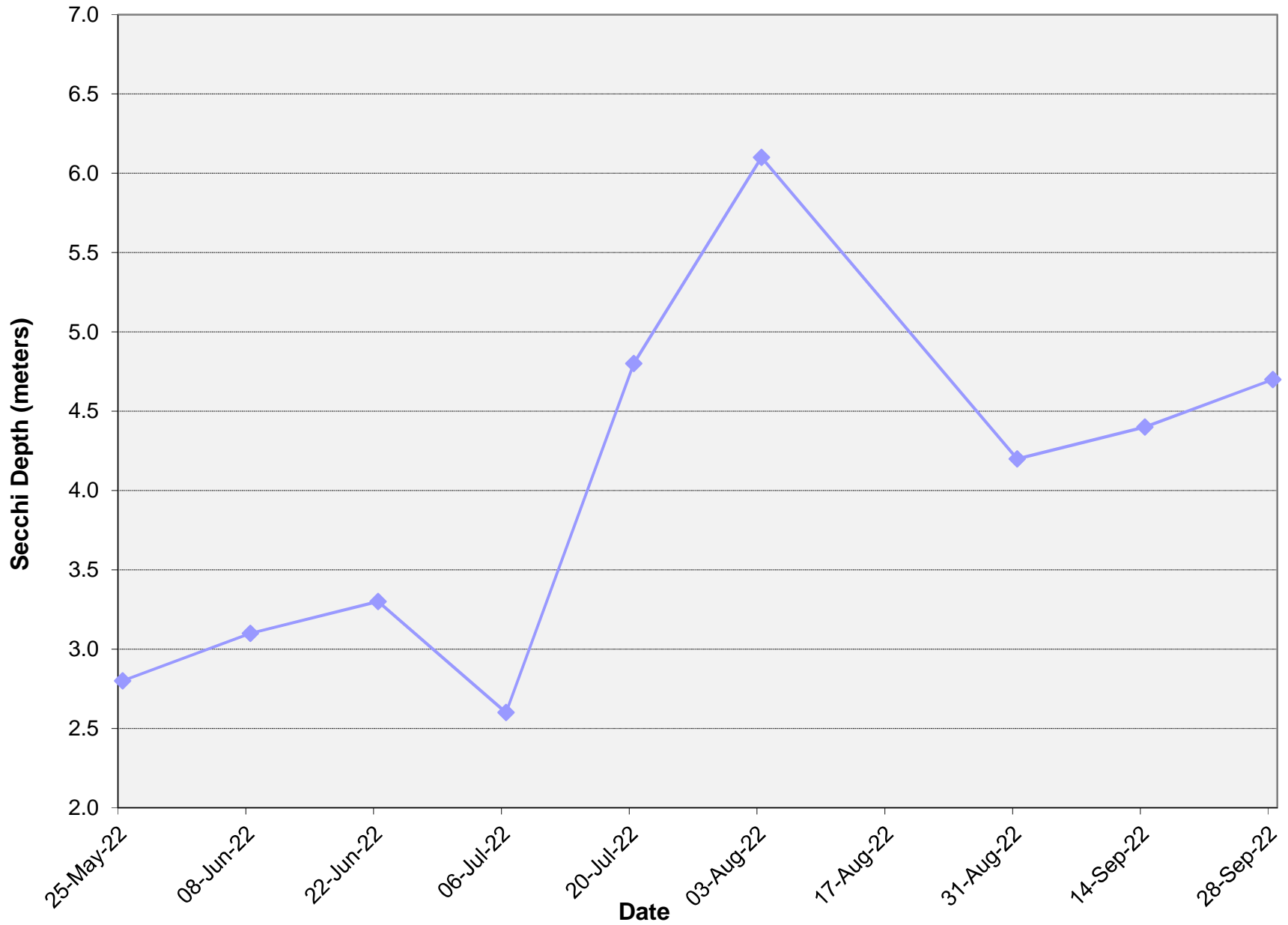


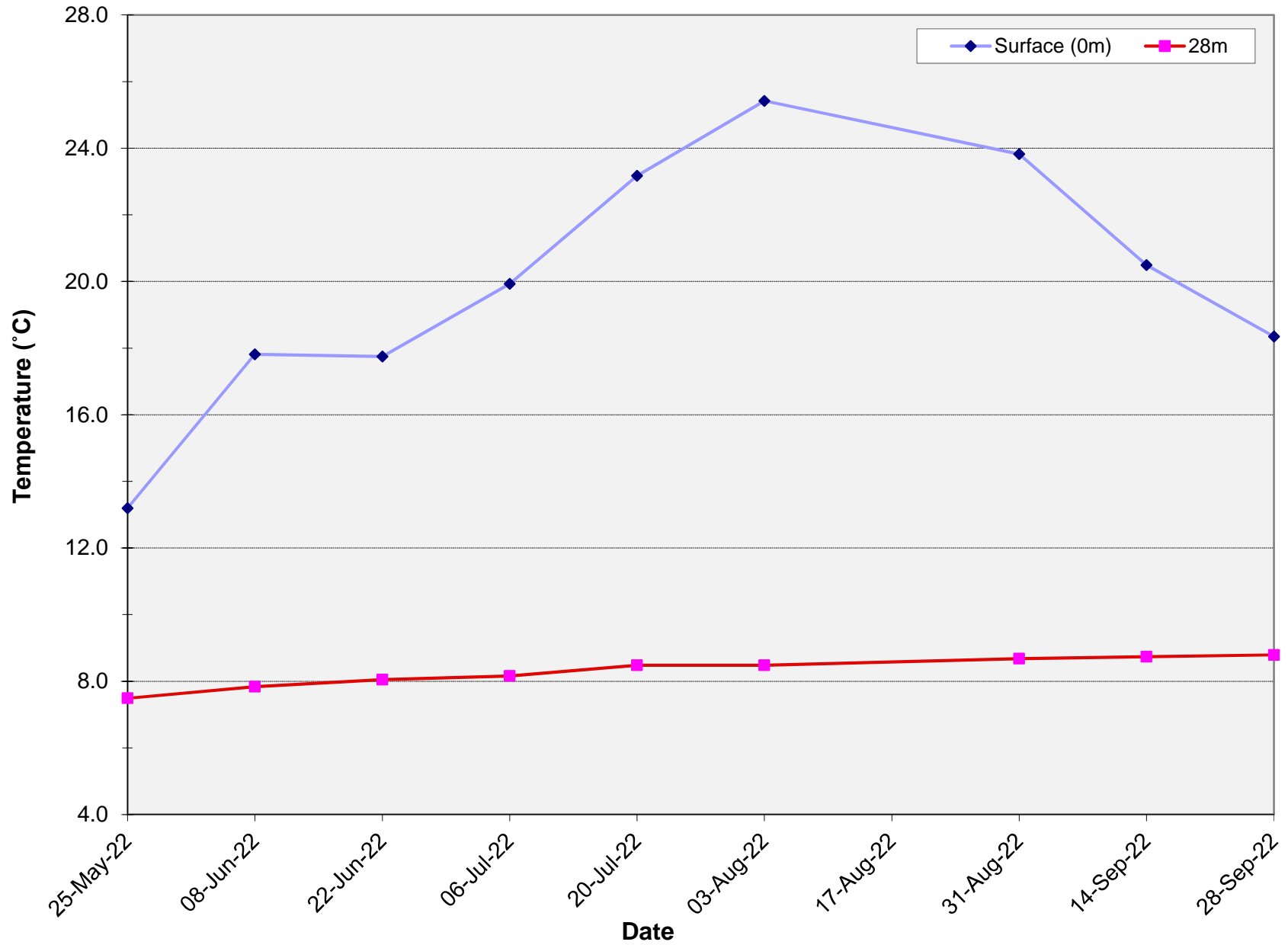
DATA - PACKINGHOUSE - 2022

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)		
25-May-22	9:09 AM	Overcast	SE	Calm	Light ripple	13	64	2.8	13.2	7.5	10.57	10.39	266.3	280.2	7.99	7.51	13	10.1	10.17		
8-Jun-22	9:00 AM	Scattered	NE	Calm	Calm	22.0	64.0	3.1	17.82	7.84	9.64	9.51	242.55	281.9	7.95	7.23	13.0	11.31	9.00		
22-Jun-22	8:52 AM	Scattered	SE	Calm	Calm	21	≈ 64	3.3	17.7	8.1	9.48	8.75	234.6	272.9	7.83	7.25	17	11.3	8.66		
6-Jul-22	8:55 AM	Overcast	NW	Moderate	Small waves	19	64	2.6	19.9	8.2	8.72	8.11	238.7	281.3	7.88	7.10	14	14.4	7.85		
20-Jul-22	9:20 AM	Clear		Calm	Calm	23	64	4.8	23.2	8.5	8.41	7.29	249.9	280.7	8.05	6.98	13	15.7	7.05		
3-Aug-22	9:04 AM	Scattered	SE	Light	Calm	23	≈ 64	6.1	25.4	8.5	8.23	6.74	259.5	278.3	8.08	7.11	13	16.7	5.86		
17-Aug-22																					Data not used , large drift from site
31-Aug-22	8:55 AM	Broken		Calm	Calm	22	60	4.2	23.8	8.7	8.33	5.28	266.0	277.6	8.20	7.10	14	16.0	4.1		
14-Sep-22	8:50 AM	Overcast	SW	Calm	Calm	17	62	4.4	20.5	8.7	8.05	4.72	267.0	280.0	8.02	6.86	15	14.2	3.9		
28-Sep-22	9:20 AM	Scattered	N	Light	Calm	14	63	4.7	18.3	8.8	9.17	3.95	267.3	280.4	8.15	6.83	15	14.8	5.3		

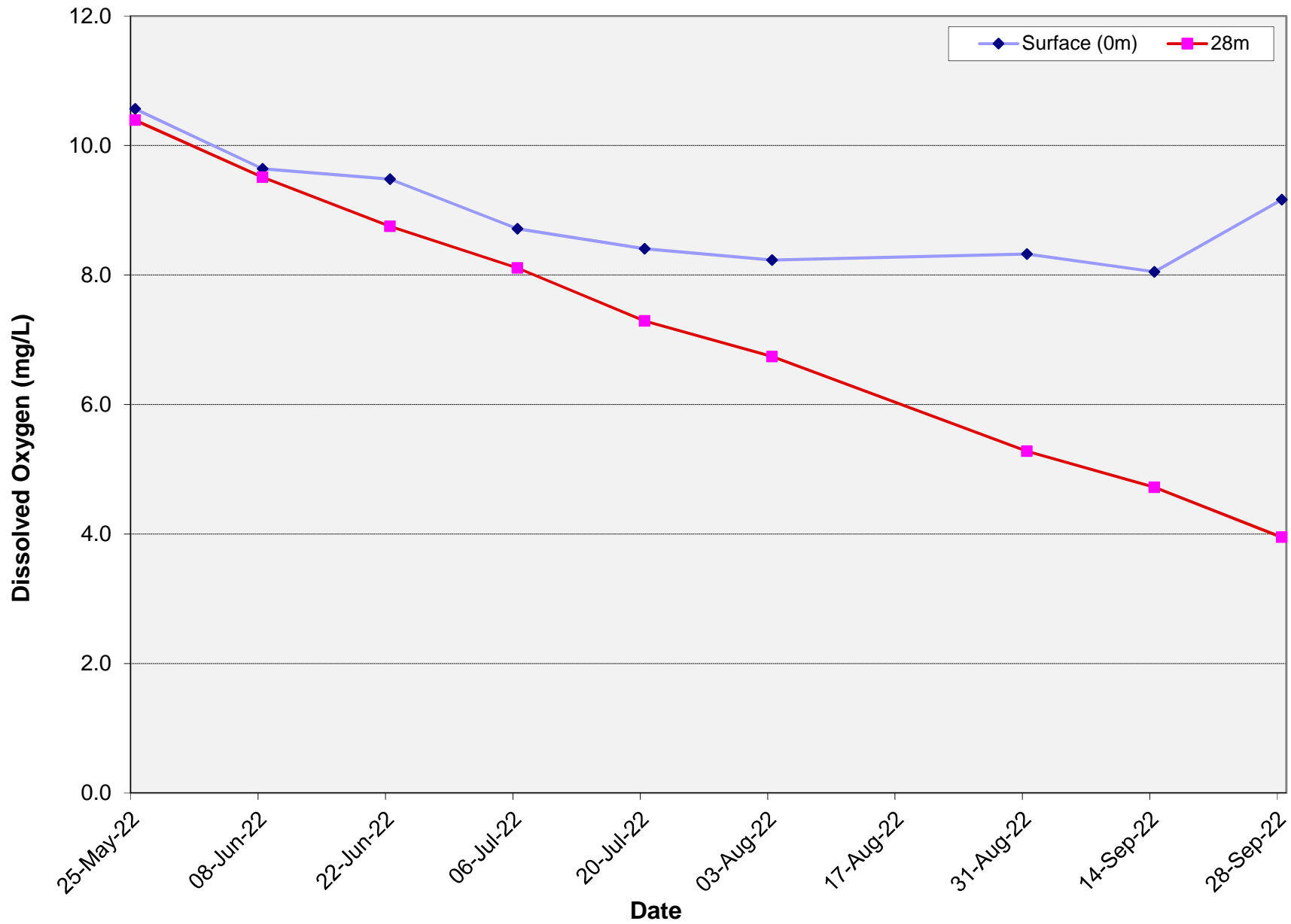
Osoyoos Lake (at Packing house) - Secchi Depth 2022



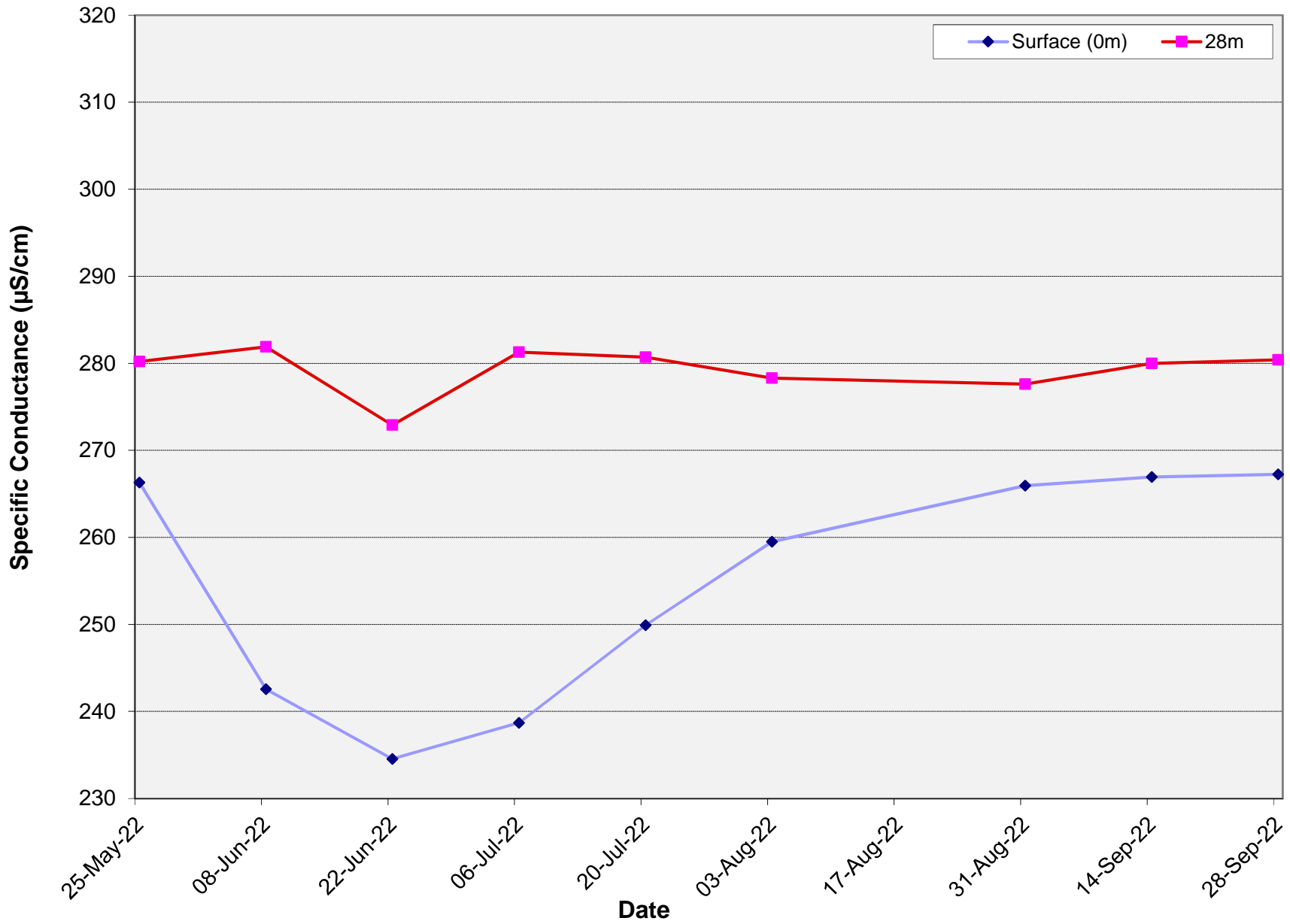
Osoyoos Lake (at Packing house) - Water Temperature 2022



Osoyoos Lake (at Packinghouse) - Dissolved Oxygen Levels 2022



Osoyoos Lake (at Packinghouse) - Specific Conductance 2022



DEPTH DATA:**Depth (m)**

25-May-22	8-Jun-22	22-Jun-22	6-Jul-22	20-Jul-22	3-Aug-22	17-Aug-22	31-Aug-22	14-Sep-22
0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
1.95	1.96	1.96	1.97	2.03	1.95		1.97	2.00
3.96	3.93	3.98	3.99	4.06	3.92		4.01	3.96
5.96	5.96	5.92	5.89	6.00	5.94		5.96	5.94
7.94	7.88	7.94	7.92	7.98	7.93		7.96	7.89
9.92	9.83	9.94	9.95	9.96	9.85		9.91	9.90
11.92	11.87	11.95	11.75	11.94	11.84		11.90	11.88
13.85	13.83	13.90	13.87	14.02	13.75		13.85	13.93
15.86	15.87	15.91	15.83	15.96	15.75		15.79	15.62
17.89	17.83	17.89	17.95	17.96	17.65		17.70	17.75
19.69	19.83	19.89	19.96	19.91	19.40		19.64	19.59
21.73	21.83	21.87	21.62	21.93	21.66		21.76	21.73
23.85	23.87	23.89	23.87	23.92	23.78		23.83	23.84
25.36	25.80	25.86	25.92	25.91	25.72		25.83	25.90
27.81	27.83	27.89	27.95	28	27.65		27.78	27.86

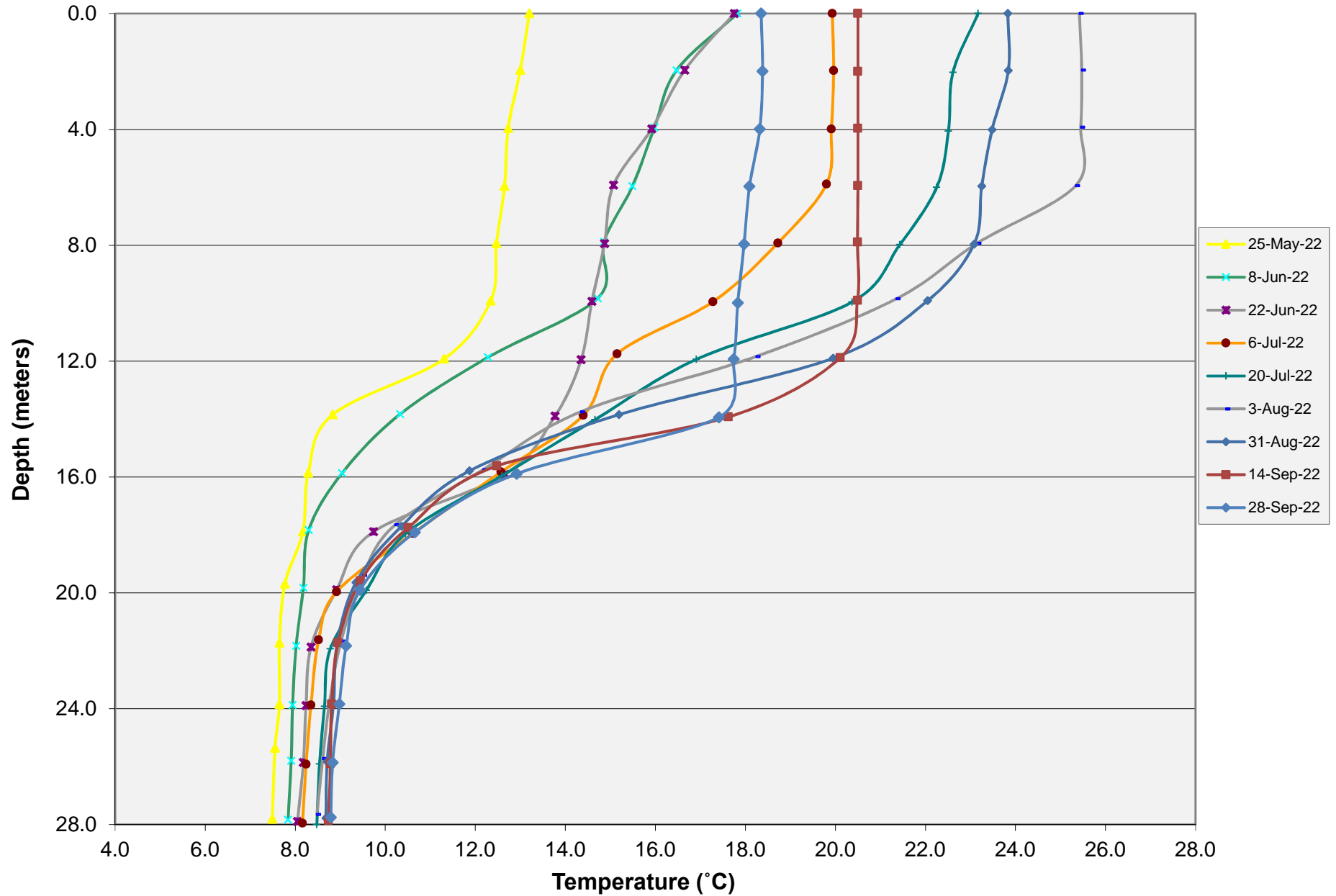
Temperature (°C)

25-May-22	8-Jun-22	22-Jun-22	6-Jul-22	20-Jul-22	3-Aug-22	17-Aug-22	31-Aug-22	14-Sep-22
13.20	17.82	17.75	19.93	23.17	25.42		23.83	20.50
13.00	16.47	16.65	19.96	22.61	25.47		23.84	20.50
12.73	15.98	15.92	19.91	22.51	25.45		23.48	20.50
12.65	15.49	15.07	19.80	22.25	25.34		23.25	20.50
12.47	14.86	14.87	18.72	21.43	23.15		23.08	20.49
12.34	14.72	14.59	17.28	20.37	21.35		22.05	20.49
11.31	12.28	14.35	15.15	16.91	18.24		19.95	20.11
8.83	10.33	13.77	14.40	14.66	14.34		15.19	17.62
8.29	9.04	12.66	12.57	12.59	12.17		11.87	12.48
8.17	8.30	9.74	10.61	10.45	10.22		10.36	10.51
7.77	8.18	8.92	8.92	9.58	9.50		9.35	9.45
7.65	8.02	8.35	8.52	8.78	9.02		8.93	8.95
7.65	7.94	8.24	8.35	8.65	8.76		8.85	8.81
7.55	7.91	8.18	8.24	8.54	8.61		8.71	8.78
7.49	7.84	8.05	8.16	8.48	8.48		8.68	8.74

Dissolved Oxygen (mg/L)

25-May-22	8-Jun-22	22-Jun-22	6-Jul-22	20-Jul-22	3-Aug-22	17-Aug-22	31-Aug-22	14-Sep-22
10.57	9.64	9.48	8.72	8.41	8.23		8.33	8.05
10.69	9.81	9.62	8.74	8.43	8.21		8.33	8.19
10.73	9.61	9.59	8.71	8.34	8.18		8.24	8.11
10.56	9.51	9.49	8.71	8.33	8.18		8.10	8.17
10.54	9.34	9.46	8.26	7.89	7.05		7.95	8.13
10.53	9.33	9.22	7.94	7.52	6.16		5.85	7.92
10.23	8.92	9.25	7.89	7.05	5.71		4.35	7.06
10.11	9.09	8.90	7.85	7.05	6.08		4.10	4.02
10.19	9.31	8.68	7.91	7.19	6.63		4.70	3.89
10.19	9.40	8.63	7.98	7.45	6.97		5.17	4.45
10.27	9.44	8.68	8.18	7.45	6.94		5.48	4.54
10.30	9.51	8.70	8.14	7.39	6.90		5.34	4.58
10.30	9.54	8.70	8.16	7.25	6.92		5.30	4.67
10.32	9.52	8.73	8.05	7.25	6.74		5.23	4.68
10.39	9.51	8.75	8.11	7.29	6.74		5.28	4.72

Osoyoos Lake (at Packinghouse) - Temperature Profiles 2022



Osoyoos Lake (at Packinghouse) - Oxygen Profiles 2022

