

POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

NPDES Permit No. CA0107409
SDRWQCB Order No. R9-2017-0007

JANUARY 2024

Environmental Monitoring and Technical Services
2392 Kincaid Road • Mail Station 45A • San Diego, CA 92101
Tel (619) 758-2300 Fax (619) 758-2309



February 29, 2024

Mr. David W. Gibson, Executive Officer
California Regional Water Quality Control Board
San Diego Region
2375 Northside Drive, Suite 100
San Diego, CA 92108

Attention: POTW Compliance Unit

Dear Mr. Gibson:

Enclosed is the January 2024 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

This report includes raw ocean monitoring data and summaries of water quality parameters and ocean conditions measured during the month for the Point Loma outfall region. Also included are summaries of compliance with the bacterial water-contact standards specified in the California Ocean Plan.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Peter S. Vroom, Ph. D.
Deputy Director, Public Utilities Department

PV/rk

cc: U.S. Environmental Protection Agency, Region 9

INTRODUCTION

Monthly reports of water quality and ocean conditions for the San Diego coastal region surrounding the Point Loma Ocean Outfall are submitted to the San Diego Regional Water Quality Control Board and U.S. EPA Region 9 in accordance with Order No. R9-2017-0007, NPDES Permit No. CA0107409 for the Point Loma Wastewater Treatment Plant (PLWTP), Point Loma Ocean Outfall (PLOO). This report includes receiving waters monitoring data collected from all shore, kelp and offshore stations specified in the above order. Data for influent and effluent monitoring activities for the PLWTP are presented in separate reports.

MATERIALS AND METHODS

Shore Stations

Water quality conditions are required to be monitored at eight shoreline stations, including D4, D5, D7, D8, D9, D10, D11 and D12, which range from the tip of the Point Loma Peninsula to west of Mission Bay (see station locations map). Over the past several years, due to increasing instability in several cliffside areas of Point Loma, City staff have been unable to safely access and sample several stations at various times. This has resulted in the following modifications:

- Station D8 was replaced by alternate station D8-A during July 2016, which was subsequently replaced by station D8-B in March 2018, after which sampling at station D8-A resumed in December 2020. Due to recent access issues at D8-A, sampling resumed at D8-B during February 2021.

Seawater samples are collected from the surf zone at each station on a weekly basis. These samples are subsequently transported to the City's Marine Microbiology Laboratory and analyzed for the presence of several types of fecal indicator bacteria (FIB), including total coliforms, fecal coliforms, and *Enterococcus*. Visual observations of water color and clarity, surf height, human or animal activity, and weather conditions are also recorded at the time of sample collection. Wind speed and direction are measured using a hand-held anemometer with a compass.

Kelp Bed Stations

The eight kelp stations are sampled weekly according to permit specifications to monitor water quality conditions within the Point Loma kelp forest. These stations include three sites located along the inshore edge of the kelp bed paralleling the 9-m depth contour (i.e., stations C4, C5 and C6), and five sites located near the offshore edge of the kelp bed along the 18-m depth contour (i.e., stations A1, A6, A7, C7 and C8).

Routine weekly monitoring at each of the kelp bed sites consists primarily of collecting seawater samples at discrete depths to determine concentrations of fecal indicator bacteria (i.e., total coliforms, fecal coliforms, and *Enterococcus*). Water column profiles of various physical/chemical parameters are also generated during each sampling event, and visual observations of weather and water conditions are recorded at each station.

Seawater samples at the kelp bed stations are collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses are drawn from these bottles into sterile sample bottles for processing at the City's Marine Microbiology Laboratory. Water column

profiles of temperature, transmissivity, dissolved oxygen, pH, salinity, density, chlorophyll *a* are generated using a Sea-Bird conductivity, temperature and depth instrument (CTD), which collects these data at a rate of ≥ 4 scans per second. These scans are then internally averaged to create water column profiles with data readings at a rate of one per meter. Additionally, CTD profile data for each water sample depth are presented with the bacteriological data.

Offshore Stations

Offshore water quality sampling is conducted quarterly typically during the months of February, May, August, and November. A total of 36 offshore stations (F01–F36) are sampled during each survey usually over a 3-day period. Three of the stations (F01–F03) are located along the 18 m depth contour, while 11 stations are located along each of the following contours: 60 m (stations F04–F14), 80 m (stations F15–F25), and 98 m (stations F26–F36). Of these 36 stations, 15 (F01–F03, F06–F14, F18–F20) are located within State jurisdictional waters (i.e., within 3 nautical miles of shore) and are subject to the California Ocean Plan’s compliance standards. Monitoring at all offshore sites includes measurements of *Enterococcus* bacteria, water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, transmissivity, chromomorphpic dissolved organic matter (CDOM), and visual observations of weather and water conditions.

Seawater samples for bacteriological analyses at the offshore stations are collected using a CTD-integrated rosette sampler with Niskin bottles. Profiles of the various physical/chemical parameters (listed above) are taken using a Sea-Bird CTD. Additionally, data for depths closest to those at which bacteriological samples were collected are extracted from the CTD profiles and presented with the bacteriological data.

Bacteriological Reporting and Quality Assurance

Estimated values for bacteriological analyses are denoted by greater than (>), less than (<), or estimated (e) qualifiers and result from plates with colony counts above or below the permissible counting limits established in Bordner et al. (1978)¹. This document defines membrane filtration limits of 20–80 colonies per plate for total coliforms and 20–60 colonies per plate for fecal coliforms and *Enterococcus*. No Data (ND) is reported if plate counts from all dilutions have a total colony count of >200 per plate.

Results of the bacteriological analysis of seawater samples collected from each of the shore, kelp bed, and offshore stations located within State waters are assessed relative to the geometric mean and single sample maximum water-contact standards specified in the California Ocean Plan. The seven standards are defined as follows:

30-day Geometric Mean: The following standards are based on the geometric mean of the five most recent samples from each site.

- (1) Total coliform density shall not exceed 1000 CFU/100 mL;
- (2) Fecal coliform density shall not exceed 200 CFU/100 mL;
- (3) *Enterococcus* density shall not exceed 35 CFU/100 mL

Single Sample Maximums:

¹ Bordner, R., J. Winter, and P. Scarpino (eds.). (1978). Microbiological Methods for Monitoring the Environment: Water and Wastes, EPA Research and Development, EPA-600/8-78-017. 337 p.

- (1) Total coliform density shall not exceed 10,000 CFU/100 mL;
- (2) Fecal coliform density shall not exceed 400 CFU/100 mL;
- (3) *Enterococcus* density shall not exceed 104 CFU/100 mL;
- (4) Total coliform density shall not exceed 1,000 CFU/100 mL when the fecal coliform/total coliform ratio exceeds 0.1.

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987²) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 2024 Quality Assurance Report, which will be completed in March 2025.

SUMMARY OF RESULTS

As of October 2020, new 2019 Ocean Plan Water Quality Objectives are included for *Enterococcus* and total coliforms, see Appendix B.

Shore Stations

- The eight shore stations (D4, D5, D7, D8-B, D9, D10, D11, D12) were sampled on January 3, 10, 17, and 24.
- During the January reporting period, five of the eight shore stations were out of compliance with the various 2015 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
 - o The single sample maximum (SSM) standard for fecal coliforms was exceeded at station D11.
 - o The 30-day running geometric mean standard for *Enterococcus* was exceeded at station D11.
 - o The SSM standard for *Enterococcus* was exceeded at stations D8-B, D9, D10, D11, and D12.
 - o The SSM standard for total coliforms was exceeded at stations D8-B, D9, D10, D11, and D12.
 - o The SSM standard for fecal:total ratio was exceeded at stations D8-B and D11.
- A sewage-like odor was observed at station D5 on one or more days in January.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surf grass. See the City of San Diego's most recent Biennial Receiving Waters

² Gilbert, R.O. (1987). Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold Co., New York.

Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls for details (<https://www.sandiego.gov/public-utilities/sustainability/ocean-monitoring/reports>).

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled on January 2, 9, 17, 24, and 30.
- During the January reporting period, each of the eight kelp stations was in compliance with the various 2015 California Ocean Plan (Ocean Plan) water contact standards.
- Water column temperatures ranged from 13.22 to 16.60°C. The difference between surface and bottom waters ranged from 0.02 to 1.34°C.
- Chlorophyll *a* concentrations ranged from 0.26 to 5.27 µg/L.
- Nothing of sewage origin was observed at PLOO kelp stations in January.

Offshore Stations

- Quarterly water quality sampling was not conducted during January at the offshore stations. The next quarterly sampling is scheduled for February 2024.



TABLES AND FIGURES

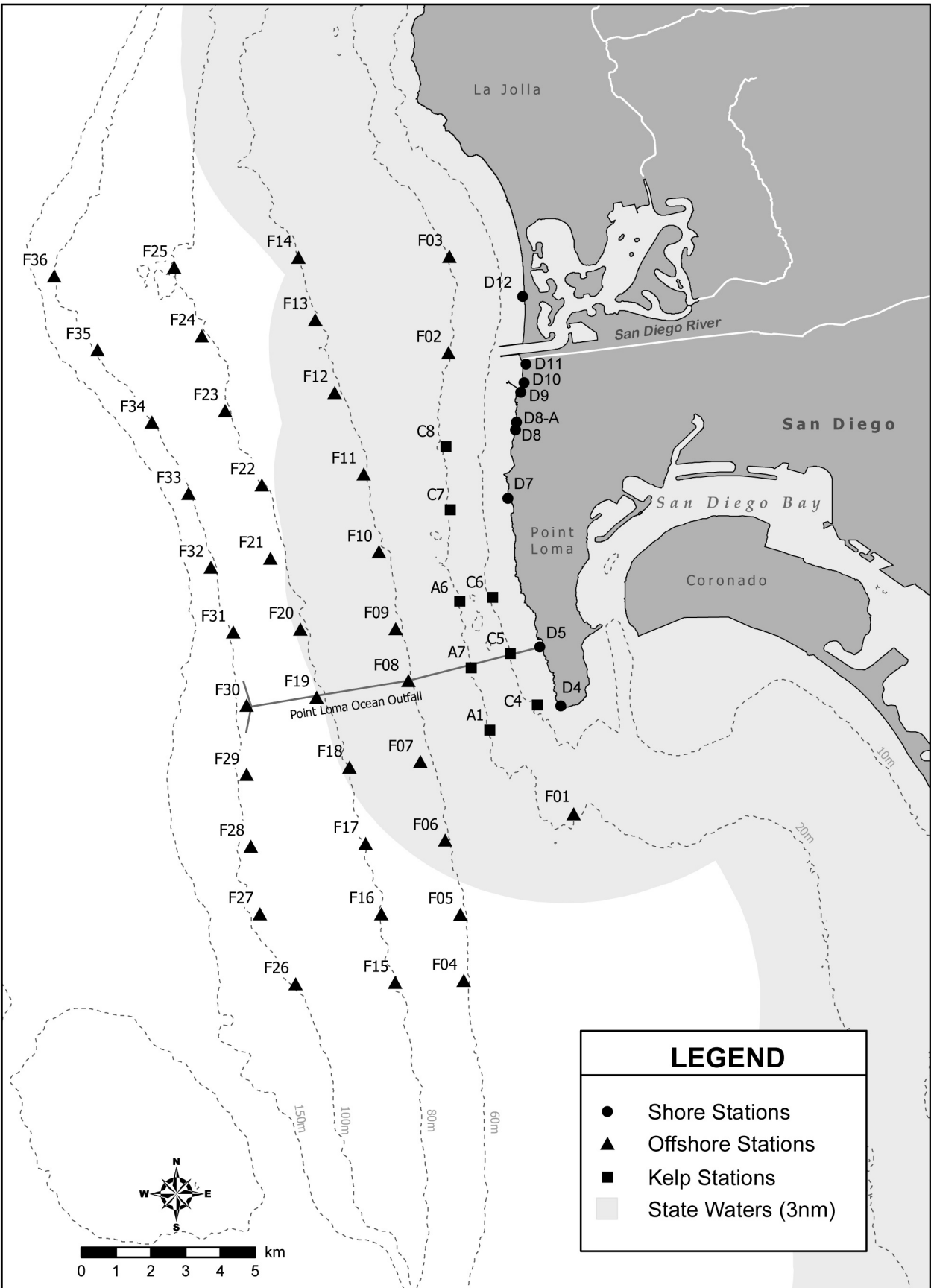


Figure 1.1 Station Map

This page intentionally left blank

Shore Stations

Table 2.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for fecal coliform bacteria at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >200 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Jan 2024	*3	*10	*5	*4	*10	*7	*10	*3
02 Jan 2024	*3	*10	*5	*4	*10	*7	*10	*3
03 Jan 2024	3	7	4	3	7	8	10	3
04 Jan 2024	3	7	4	3	7	8	10	3
05 Jan 2024	*3	*8	*5	*3	*7	*10	*15	*2
06 Jan 2024	*3	*8	*5	*3	*7	*10	*15	*2
07 Jan 2024	*3	*8	*5	*3	*7	*10	*15	*2
08 Jan 2024	*3	*8	*5	*3	*7	*10	*15	*2
09 Jan 2024	*3	*8	*5	*3	*7	*10	*15	*2
10 Jan 2024	4	11	4	3	6	11	16	3
11 Jan 2024	4	11	4	3	6	11	16	3
12 Jan 2024	*3	*12	*2	*4	*7	*10	*16	*3
13 Jan 2024	*3	*12	*2	*4	*7	*10	*16	*3
14 Jan 2024	*3	*12	*2	*4	*7	*10	*16	*3
15 Jan 2024	*3	*12	*2	*4	*7	*10	*16	*3
16 Jan 2024	*3	*12	*2	*4	*7	*10	*16	*3
17 Jan 2024	3	9	2	3	6	9	16	3
18 Jan 2024	3	9	2	3	6	9	16	3
19 Jan 2024	*3	*8	*2	*4	*4	*14	*15	*3
20 Jan 2024	*3	*8	*2	*4	*4	*14	*15	*3
21 Jan 2024	*3	*8	*2	*4	*4	*14	*15	*3
22 Jan 2024	*3	*8	*2	*4	*4	*14	*15	*3
23 Jan 2024	*3	*8	*2	*4	*4	*14	*15	*3
24 Jan 2024	6	12	3	8	10	27	36	6
25 Jan 2024	6	12	3	8	10	27	36	6
26 Jan 2024	*6	*11	*3	*8	*8	*28	*46	*8
27 Jan 2024	*6	*11	*3	*8	*8	*28	*46	*8
28 Jan 2024	*6	*11	*3	*8	*8	*28	*46	*8
29 Jan 2024	*6	*11	*3	*8	*8	*28	*46	*8
30 Jan 2024	*6	*11	*3	*8	*8	*28	*46	*8
31 Jan 2024	*6	*11	*3	*8	*8	*28	*46	*8

* Geometric mean calculated using n<5

Table 2.2

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
03 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
10 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	IC	IC	IC	E	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.3

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for *Enterococcus* at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 6 weeks unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Jan 2024	*2	*8	*2	*8	*5	*5	*6	*4
02 Jan 2024	*2	*8	*2	*8	*5	*5	*6	*4
03 Jan 2024	2	6	2	6	4	6	7	3
04 Jan 2024	2	6	2	6	4	6	7	3
05 Jan 2024	*2	*6	*2	*7	*4	*7	*9	*4
06 Jan 2024	*2	*6	*2	*7	*4	*7	*9	*4
07 Jan 2024	*2	*6	*2	*7	*4	*7	*9	*4
08 Jan 2024	*2	*6	*2	*7	*4	*7	*9	*4
09 Jan 2024	*2	*6	*2	*7	*4	*7	*9	*4
10 Jan 2024	2	5	2	6	4	10	11	5
11 Jan 2024	2	5	2	6	4	10	11	5
12 Jan 2024	*2	*6	*2	*5	*4	*12	*13	*4
13 Jan 2024	*2	*6	*2	*5	*4	*12	*13	*4
14 Jan 2024	*2	*6	*2	*5	*4	*12	*13	*4
15 Jan 2024	*2	*6	*2	*5	*4	*12	*13	*4
16 Jan 2024	*2	*6	*2	*5	*4	*12	*13	*4
17 Jan 2024	2	5	2	4	4	9	13	4
18 Jan 2024	2	5	2	4	4	9	13	4
19 Jan 2024	*2	*6	*3	*5	*4	*14	*17	*4
20 Jan 2024	*2	*6	*3	*5	*4	*14	*17	*4
21 Jan 2024	*2	*6	*3	*5	*4	*14	*17	*4
22 Jan 2024	*2	*6	*3	*5	*4	*14	*17	*4
23 Jan 2024	*2	*6	*3	*5	*4	*14	*17	*4
24 Jan 2024	2	8	4	11	10	28	51	10
25 Jan 2024	2	8	4	11	10	28	51	10
26 Jan 2024	*2	*4	*5	*9	*7	*28	*64	*10
27 Jan 2024	*2	*4	*5	*9	*7	*28	*64	*10
28 Jan 2024	*2	*4	*5	*9	*7	*28	*64	*10
29 Jan 2024	*2	*4	*5	*9	*7	*28	*64	*10
30 Jan 2024	*2	*4	*5	*9	*7	*28	*64	*10
31 Jan 2024	*2	*4	*5	*9	*7	*28	*64	*10

* Geometric mean calculated using n<5

Table 2.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL in more than 10% of samples per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
03 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
10 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	E	E	E	E	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.5

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for total coliform bacteria at the PLOO shore stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1000 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Jan 2024	*8	*34	*8	*36	*21	*26	*41	*11
02 Jan 2024	*8	*34	*8	*36	*21	*26	*41	*11
03 Jan 2024	9	30	9	32	21	25	41	13
04 Jan 2024	9	30	9	32	21	25	41	13
05 Jan 2024	*13	*34	*8	*36	*21	*26	*49	*11
06 Jan 2024	*13	*34	*8	*36	*21	*26	*49	*11
07 Jan 2024	*13	*34	*8	*36	*21	*26	*49	*11
08 Jan 2024	*13	*34	*8	*36	*21	*26	*49	*11
09 Jan 2024	*13	*34	*8	*36	*21	*26	*49	*11
10 Jan 2024	12	40	6	36	22	25	41	11
11 Jan 2024	12	40	6	36	22	25	41	11
12 Jan 2024	*11	*48	*4	*42	*30	*26	*41	*9
13 Jan 2024	*11	*48	*4	*42	*30	*26	*41	*9
14 Jan 2024	*11	*48	*4	*42	*30	*26	*41	*9
15 Jan 2024	*11	*48	*4	*42	*30	*26	*41	*9
16 Jan 2024	*11	*48	*4	*42	*30	*26	*41	*9
17 Jan 2024	8	29	3	26	17	24	44	7
18 Jan 2024	8	29	3	26	17	24	44	7
19 Jan 2024	*11	*27	*4	*28	*17	*25	*41	*9
20 Jan 2024	*11	*27	*4	*28	*17	*25	*41	*9
21 Jan 2024	*11	*27	*4	*28	*17	*25	*41	*9
22 Jan 2024	*11	*27	*4	*28	*17	*25	*41	*9
23 Jan 2024	*11	*27	*4	*28	*17	*25	*41	*9
24 Jan 2024	17	38	8	60	34	52	100	20
25 Jan 2024	17	38	8	60	34	52	100	20
26 Jan 2024	*13	*32	*11	*44	*28	*50	*113	*20
27 Jan 2024	*13	*32	*11	*44	*28	*50	*113	*20
28 Jan 2024	*13	*32	*11	*44	*28	*50	*113	*20
29 Jan 2024	*13	*32	*11	*44	*28	*50	*113	*20
30 Jan 2024	*13	*32	*11	*44	*28	*50	*113	*20
31 Jan 2024	*13	*32	*11	*44	*28	*50	*113	*20

* Median calculated using n<5

Table 2.6

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum for total coliform bacteria, which states that total coliform density shall not exceed 400 CFU/100 mL in more than 10% of samples per station, per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
03 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
10 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	E	E	E	E	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.7

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria and the fecal/total coliform ratio (F:T), which states that total coliform density shall not exceed 1,000 CFU/100 mL when F:T > 0.1.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
03 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
10 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	E	IC	IC	E	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.8

Summary of water quality parameters at the PLOO shore stations for each sample date. Densities of fecal coliform (Fecal) and *Enterococcus* (Entero) are reported as CFU/100 mL. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Entero
D10	03 Jan 2024	756	20e	14e	8e
D10	10 Jan 2024	822	20e	14e	40
D10	17 Jan 2024	803	16e	8e	4e
D10	24 Jan 2024	835	1000	380e	500
D11	03 Jan 2024	748	40e	10e	14e
D11	10 Jan 2024	814	20e	20e	22e
D11	17 Jan 2024	755	60e	18e	14e
D11	24 Jan 2024	825	3400e	1200	4000
D12	03 Jan 2024	734	<20	<2	2e
D12	10 Jan 2024	757	10e	8e	12e
D12	17 Jan 2024	738	2e	<2	<2
D12	24 Jan 2024	759	440	110	240e
D4	03 Jan 2024	853	20e	<2	<2
D4	10 Jan 2024	945	8e	6e	<2
D4	17 Jan 2024	901	2e	2e	<2
D4	24 Jan 2024	1020	100e	60e	4e
D5	03 Jan 2024	843	<20	<2	<2
D5	10 Jan 2024	929	80e	28e	<2
D5	17 Jan 2024	851	4e	4e	<2
D5	24 Jan 2024	954	160e	60e	26e
D7	03 Jan 2024	821	<20	<2	<2
D7	10 Jan 2024	904	<2	<2	<2
D7	17 Jan 2024	828	<2	<2	6e
D7	24 Jan 2024	910	160e	6e	18e
D8-B	03 Jan 2024	811	<20	<2	<2
D8-B	10 Jan 2024	847	40e	6e	4e
D8-B	17 Jan 2024	818	4e	<2	<2
D8-B	24 Jan 2024	856	1200e	140e	420
D9	03 Jan 2024	803	20e	2e	<2
D9	10 Jan 2024	837	24e	<2	2e
D9	17 Jan 2024	811	<2	<2	<2
D9	24 Jan 2024	845	600e	400	280e

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
D10	26 Jan 2024			Resample
D11	26 Jan 2024			Resample
D12	26 Jan 2024		ENTERO	Resample
D8-B	26 Jan 2024			Resample
D9	26 Jan 2024		ENTERO	Resample
D11	28 Jan 2024		ENTERO	Resample

Table 2.9

Summary of visual observations made during the month for each PLOO shore station by sample date.

Station	Date	Parameter	Value
D10	03 Jan 2024	Arrive Time	756
D10	03 Jan 2024	Weather	Drizzle
D10	03 Jan 2024	Wind Speed (kts)	8
D10	03 Jan 2024	Wind Dir	SW
D10	03 Jan 2024	Animal Life	
D10	03 Jan 2024	Floatables	None
D10	03 Jan 2024	Water Color	Green
D10	03 Jan 2024	Current Direction	S
D10	03 Jan 2024	Water Temp (C)	11
D10	03 Jan 2024	Wave Height (ft)	7
D10	03 Jan 2024	High Tide (ft)	3.89
D10	03 Jan 2024	High Tide Time	231
D10	03 Jan 2024	Low Tide (ft)	2.34
D10	03 Jan 2024	Low Tide Time	851
D10	03 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Debris
D10	10 Jan 2024	Arrive Time	822
D10	10 Jan 2024	Weather	Cloudy
D10	10 Jan 2024	Wind Speed (kts)	1.6
D10	10 Jan 2024	Wind Dir	W
D10	10 Jan 2024	Animal Life	
D10	10 Jan 2024	Floatables	None
D10	10 Jan 2024	Water Color	Green
D10	10 Jan 2024	Current Direction	S
D10	10 Jan 2024	Water Temp (C)	7
D10	10 Jan 2024	Wave Height (ft)	5
D10	10 Jan 2024	High Tide (ft)	6.38
D10	10 Jan 2024	High Tide Time	728
D10	10 Jan 2024	Low Tide (ft)	2.11
D10	10 Jan 2024	Low Tide Time	114
D10	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-1
D10	17 Jan 2024	Arrive Time	803
D10	17 Jan 2024	Weather	Foggy
D10	17 Jan 2024	Wind Speed (kts)	1.1
D10	17 Jan 2024	Wind Dir	E
D10	17 Jan 2024	Animal Life	
D10	17 Jan 2024	Floatables	Foam
D10	17 Jan 2024	Water Color	Green
D10	17 Jan 2024	Current Direction	S
D10	17 Jan 2024	Water Temp (C)	8
D10	17 Jan 2024	Wave Height (ft)	5
D10	17 Jan 2024	High Tide (ft)	4.65
D10	17 Jan 2024	High Tide Time	142
D10	17 Jan 2024	Low Tide (ft)	1.5
D10	17 Jan 2024	Low Tide Time	816
D10	17 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Sea-grass; Person/Walker/Jogger-2
D10	24 Jan 2024	Arrive Time	835
D10	24 Jan 2024	Weather	Cloudy
D10	24 Jan 2024	Wind Speed (kts)	2.3
D10	24 Jan 2024	Wind Dir	W
D10	24 Jan 2024	Animal Life	Bird-10;
D10	24 Jan 2024	Floatables	Foam

Station	Date	Parameter	Value
D10	24 Jan 2024	Water Color	Green
D10	24 Jan 2024	Current Direction	S
D10	24 Jan 2024	Water Temp (C)	13
D10	24 Jan 2024	Wave Height (ft)	5
D10	24 Jan 2024	High Tide (ft)	5.82
D10	24 Jan 2024	High Tide Time	744
D10	24 Jan 2024	Low Tide (ft)	2.03
D10	24 Jan 2024	Low Tide Time	142
D10	24 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-1; Trash-3; Kelp;Sea-grass;Algae;Debris
D10	26 Jan 2024	Arrive Time	822
D10	26 Jan 2024	Weather	Sunny
D10	26 Jan 2024	Wind Speed (kts)	1.2
D10	26 Jan 2024	Wind Dir	E
D10	26 Jan 2024	Animal Life	
D10	26 Jan 2024	Floatables	None
D10	26 Jan 2024	Water Color	Green
D10	26 Jan 2024	Current Direction	S
D10	26 Jan 2024	Water Temp (C)	12
D10	26 Jan 2024	Wave Height (ft)	8
D10	26 Jan 2024	High Tide (ft)	5.67
D10	26 Jan 2024	High Tide Time	852
D10	26 Jan 2024	Low Tide (ft)	1.76
D10	26 Jan 2024	Low Tide Time	252
D10	26 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Kelp;Sea-grass;Debris; Person/Walker/Jogger-6
D11	03 Jan 2024	Arrive Time	748
D11	03 Jan 2024	Weather	Drizzle
D11	03 Jan 2024	Wind Speed (kts)	5
D11	03 Jan 2024	Wind Dir	W
D11	03 Jan 2024	Animal Life	Dog-1;
D11	03 Jan 2024	Floatables	None
D11	03 Jan 2024	Water Color	Green
D11	03 Jan 2024	Current Direction	S
D11	03 Jan 2024	Water Temp (C)	12
D11	03 Jan 2024	Wave Height (ft)	5
D11	03 Jan 2024	High Tide (ft)	3.89
D11	03 Jan 2024	High Tide Time	231
D11	03 Jan 2024	Low Tide (ft)	2.34
D11	03 Jan 2024	Low Tide Time	851
D11	03 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp;Sea-grass;Algae;Debris; Person/Walker/Jogger-1
D11	10 Jan 2024	Arrive Time	814
D11	10 Jan 2024	Weather	Cloudy
D11	10 Jan 2024	Wind Speed (kts)	3.1
D11	10 Jan 2024	Wind Dir	SW
D11	10 Jan 2024	Animal Life	
D11	10 Jan 2024	Floatables	None
D11	10 Jan 2024	Water Color	Green
D11	10 Jan 2024	Current Direction	S
D11	10 Jan 2024	Water Temp (C)	8
D11	10 Jan 2024	Wave Height (ft)	4
D11	10 Jan 2024	High Tide (ft)	6.38
D11	10 Jan 2024	High Tide Time	728
D11	10 Jan 2024	Low Tide (ft)	2.11
D11	10 Jan 2024	Low Tide Time	114
D11	10 Jan 2024	Comments	Water clear; Boogie boarder/Swimmer-2; Trash-1; Kelp;Sea-grass;Algae; Person/Walker/Jogger-1

Station	Date	Parameter	Value
D11	17 Jan 2024	Arrive Time	755
D11	17 Jan 2024	Weather	Foggy
D11	17 Jan 2024	Wind Speed (kts)	1.5
D11	17 Jan 2024	Wind Dir	E
D11	17 Jan 2024	Animal Life	Dog-2;
D11	17 Jan 2024	Floatables	None
D11	17 Jan 2024	Water Color	Green
D11	17 Jan 2024	Current Direction	S
D11	17 Jan 2024	Water Temp (C)	8
D11	17 Jan 2024	Wave Height (ft)	4
D11	17 Jan 2024	High Tide (ft)	4.65
D11	17 Jan 2024	High Tide Time	142
D11	17 Jan 2024	Low Tide (ft)	1.5
D11	17 Jan 2024	Low Tide Time	816
D11	17 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Kelp;Sea-grass;Algae; Person/Walker/Jogger-4
D11	24 Jan 2024	Arrive Time	825
D11	24 Jan 2024	Weather	Cloudy
D11	24 Jan 2024	Wind Speed (kts)	2.7
D11	24 Jan 2024	Wind Dir	W
D11	24 Jan 2024	Animal Life	
D11	24 Jan 2024	Floatables	Foam
D11	24 Jan 2024	Water Color	Green
D11	24 Jan 2024	Current Direction	S
D11	24 Jan 2024	Water Temp (C)	14
D11	24 Jan 2024	Wave Height (ft)	5
D11	24 Jan 2024	High Tide (ft)	5.82
D11	24 Jan 2024	High Tide Time	744
D11	24 Jan 2024	Low Tide (ft)	2.03
D11	24 Jan 2024	Low Tide Time	142
D11	24 Jan 2024	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae;Debris; Per-son/Walker/Jogger-2
D11	26 Jan 2024	Arrive Time	808
D11	26 Jan 2024	Weather	Sunny
D11	26 Jan 2024	Wind Speed (kts)	0.8
D11	26 Jan 2024	Wind Dir	E
D11	26 Jan 2024	Animal Life	Dog-1;
D11	26 Jan 2024	Floatables	None
D11	26 Jan 2024	Water Color	Green
D11	26 Jan 2024	Current Direction	S
D11	26 Jan 2024	Water Temp (C)	11
D11	26 Jan 2024	Wave Height (ft)	6
D11	26 Jan 2024	High Tide (ft)	5.67
D11	26 Jan 2024	High Tide Time	852
D11	26 Jan 2024	Low Tide (ft)	1.76
D11	26 Jan 2024	Low Tide Time	252
D11	26 Jan 2024	Comments	Water clear; Trash-1; Kelp;Algae;Seagrass; Per-son/Walker/Jogger-4
D11	28 Jan 2024	Arrive Time	842
D11	28 Jan 2024	Weather	Partly cloudy
D11	28 Jan 2024	Wind Speed (kts)	0
D11	28 Jan 2024	Wind Dir	XX
D11	28 Jan 2024	Animal Life	Dog-4;
D11	28 Jan 2024	Floatables	None
D11	28 Jan 2024	Water Color	Green
D11	28 Jan 2024	Current Direction	S
D11	28 Jan 2024	Water Temp (C)	12

Station	Date	Parameter	Value
D11	28 Jan 2024	Wave Height (ft)	6
D11	28 Jan 2024	High Tide (ft)	5.08
D11	28 Jan 2024	High Tide Time	954
D11	28 Jan 2024	Low Tide (ft)	1.67
D11	28 Jan 2024	Low Tide Time	400
D11	28 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-12; Trash-1; Seagrass;Kelp;Algae;Debris; Person/Walker/Jogger-7
D12	03 Jan 2024	Arrive Time	734
D12	03 Jan 2024	Weather	Cloudy
D12	03 Jan 2024	Wind Speed (kts)	1.9
D12	03 Jan 2024	Wind Dir	W
D12	03 Jan 2024	Animal Life	
D12	03 Jan 2024	Floatables	None
D12	03 Jan 2024	Water Color	Green
D12	03 Jan 2024	Current Direction	S
D12	03 Jan 2024	Water Temp (C)	11
D12	03 Jan 2024	Wave Height (ft)	6
D12	03 Jan 2024	High Tide (ft)	3.89
D12	03 Jan 2024	High Tide Time	231
D12	03 Jan 2024	Low Tide (ft)	2.34
D12	03 Jan 2024	Low Tide Time	851
D12	03 Jan 2024	Comments	Water clear; Boogie boarder/Swimmer-1; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D12	10 Jan 2024	Arrive Time	757
D12	10 Jan 2024	Weather	Cloudy
D12	10 Jan 2024	Wind Speed (kts)	1.3
D12	10 Jan 2024	Wind Dir	SW
D12	10 Jan 2024	Animal Life	
D12	10 Jan 2024	Floatables	Foam
D12	10 Jan 2024	Water Color	Green
D12	10 Jan 2024	Current Direction	S
D12	10 Jan 2024	Water Temp (C)	7
D12	10 Jan 2024	Wave Height (ft)	3
D12	10 Jan 2024	High Tide (ft)	6.38
D12	10 Jan 2024	High Tide Time	728
D12	10 Jan 2024	Low Tide (ft)	2.11
D12	10 Jan 2024	Low Tide Time	114
D12	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-1
D12	17 Jan 2024	Arrive Time	738
D12	17 Jan 2024	Weather	Foggy
D12	17 Jan 2024	Wind Speed (kts)	0.6
D12	17 Jan 2024	Wind Dir	E
D12	17 Jan 2024	Animal Life	
D12	17 Jan 2024	Floatables	None
D12	17 Jan 2024	Water Color	Green
D12	17 Jan 2024	Current Direction	S
D12	17 Jan 2024	Water Temp (C)	7
D12	17 Jan 2024	Wave Height (ft)	3
D12	17 Jan 2024	High Tide (ft)	4.65
D12	17 Jan 2024	High Tide Time	142
D12	17 Jan 2024	Low Tide (ft)	1.5
D12	17 Jan 2024	Low Tide Time	816
D12	17 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D12	24 Jan 2024	Arrive Time	759
D12	24 Jan 2024	Weather	Cloudy
D12	24 Jan 2024	Wind Speed (kts)	0

Station	Date	Parameter	Value
D12	24 Jan 2024	Wind Dir	XX
D12	24 Jan 2024	Animal Life	
D12	24 Jan 2024	Floatables	Foam
D12	24 Jan 2024	Water Color	Green
D12	24 Jan 2024	Current Direction	S
D12	24 Jan 2024	Water Temp (C)	12
D12	24 Jan 2024	Wave Height (ft)	4
D12	24 Jan 2024	High Tide (ft)	5.82
D12	24 Jan 2024	High Tide Time	744
D12	24 Jan 2024	Low Tide (ft)	2.03
D12	24 Jan 2024	Low Tide Time	142
D12	24 Jan 2024	Comments	Water clear; Boogie boarder/Swimmer-1; Trash-3; Kelp;Sea-grass;Debris; Person/Walker/Jogger-2
D12	26 Jan 2024	Arrive Time	752
D12	26 Jan 2024	Weather	Partly cloudy
D12	26 Jan 2024	Wind Speed (kts)	0.9
D12	26 Jan 2024	Wind Dir	E
D12	26 Jan 2024	Animal Life	
D12	26 Jan 2024	Floatables	None
D12	26 Jan 2024	Water Color	Green
D12	26 Jan 2024	Current Direction	S
D12	26 Jan 2024	Water Temp (C)	11
D12	26 Jan 2024	Wave Height (ft)	5
D12	26 Jan 2024	High Tide (ft)	5.67
D12	26 Jan 2024	High Tide Time	852
D12	26 Jan 2024	Low Tide (ft)	1.76
D12	26 Jan 2024	Low Tide Time	252
D12	26 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-2; Trash-1; Kelp;Sea-grass;Debris; Person/Walker/Jogger-1
D4	03 Jan 2024	Arrive Time	853
D4	03 Jan 2024	Weather	Moderate rain
D4	03 Jan 2024	Wind Speed (kts)	4.5
D4	03 Jan 2024	Wind Dir	W
D4	03 Jan 2024	Animal Life	
D4	03 Jan 2024	Floatables	None
D4	03 Jan 2024	Water Color	Green
D4	03 Jan 2024	Current Direction	S
D4	03 Jan 2024	Water Temp (C)	11
D4	03 Jan 2024	Wave Height (ft)	3
D4	03 Jan 2024	High Tide (ft)	3.89
D4	03 Jan 2024	High Tide Time	231
D4	03 Jan 2024	Low Tide (ft)	2.34
D4	03 Jan 2024	Low Tide Time	851
D4	03 Jan 2024	Comments	Water clear; Trash-1; Kelp;Algae
D4	10 Jan 2024	Arrive Time	945
D4	10 Jan 2024	Weather	Cloudy
D4	10 Jan 2024	Wind Speed (kts)	0.7
D4	10 Jan 2024	Wind Dir	SW
D4	10 Jan 2024	Animal Life	
D4	10 Jan 2024	Floatables	None
D4	10 Jan 2024	Water Color	Green
D4	10 Jan 2024	Current Direction	S
D4	10 Jan 2024	Water Temp (C)	9
D4	10 Jan 2024	Wave Height (ft)	2
D4	10 Jan 2024	High Tide (ft)	6.38
D4	10 Jan 2024	High Tide Time	728
D4	10 Jan 2024	Low Tide (ft)	2.11
D4	10 Jan 2024	Low Tide Time	114

Station	Date	Parameter	Value
D4	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D4	17 Jan 2024	Arrive Time	901
D4	17 Jan 2024	Weather	Partly cloudy
D4	17 Jan 2024	Wind Speed (kts)	1.1
D4	17 Jan 2024	Wind Dir	W
D4	17 Jan 2024	Animal Life	
D4	17 Jan 2024	Floatables	None
D4	17 Jan 2024	Water Color	Green
D4	17 Jan 2024	Current Direction	S
D4	17 Jan 2024	Water Temp (C)	8
D4	17 Jan 2024	Wave Height (ft)	2
D4	17 Jan 2024	High Tide (ft)	4.65
D4	17 Jan 2024	High Tide Time	142
D4	17 Jan 2024	Low Tide (ft)	1.5
D4	17 Jan 2024	Low Tide Time	816
D4	17 Jan 2024	Comments	Water clear; Trash-1; Seagrass;Algae
D4	24 Jan 2024	Arrive Time	1020
D4	24 Jan 2024	Weather	Cloudy
D4	24 Jan 2024	Wind Speed (kts)	4.2
D4	24 Jan 2024	Wind Dir	SW
D4	24 Jan 2024	Animal Life	
D4	24 Jan 2024	Floatables	Foam
D4	24 Jan 2024	Water Color	Green
D4	24 Jan 2024	Current Direction	S
D4	24 Jan 2024	Water Temp (C)	13
D4	24 Jan 2024	Wave Height (ft)	5
D4	24 Jan 2024	High Tide (ft)	5.82
D4	24 Jan 2024	High Tide Time	744
D4	24 Jan 2024	Low Tide (ft)	2.03
D4	24 Jan 2024	Low Tide Time	142
D4	24 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	03 Jan 2024	Arrive Time	843
D5	03 Jan 2024	Weather	Moderate rain
D5	03 Jan 2024	Wind Speed (kts)	9.6
D5	03 Jan 2024	Wind Dir	W
D5	03 Jan 2024	Animal Life	
D5	03 Jan 2024	Floatables	None
D5	03 Jan 2024	Water Color	Green
D5	03 Jan 2024	Current Direction	S
D5	03 Jan 2024	Water Temp (C)	10
D5	03 Jan 2024	Wave Height (ft)	4
D5	03 Jan 2024	High Tide (ft)	3.89
D5	03 Jan 2024	High Tide Time	231
D5	03 Jan 2024	Low Tide (ft)	2.34
D5	03 Jan 2024	Low Tide Time	851
D5	03 Jan 2024	Comments	Water clear; Trash-1; Kelp;Algae
D5	10 Jan 2024	Arrive Time	929
D5	10 Jan 2024	Weather	Cloudy
D5	10 Jan 2024	Wind Speed (kts)	3.5
D5	10 Jan 2024	Wind Dir	W
D5	10 Jan 2024	Animal Life	
D5	10 Jan 2024	Floatables	None
D5	10 Jan 2024	Water Color	Green
D5	10 Jan 2024	Current Direction	S
D5	10 Jan 2024	Water Temp (C)	8
D5	10 Jan 2024	Wave Height (ft)	3
D5	10 Jan 2024	High Tide (ft)	6.38

Station	Date	Parameter	Value
D5	10 Jan 2024	High Tide Time	728
D5	10 Jan 2024	Low Tide (ft)	2.11
D5	10 Jan 2024	Low Tide Time	114
D5	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	17 Jan 2024	Arrive Time	851
D5	17 Jan 2024	Weather	Foggy
D5	17 Jan 2024	Wind Speed (kts)	0.8
D5	17 Jan 2024	Wind Dir	W
D5	17 Jan 2024	Animal Life	
D5	17 Jan 2024	Floatables	None
D5	17 Jan 2024	Water Color	Green
D5	17 Jan 2024	Current Direction	S
D5	17 Jan 2024	Water Temp (C)	9
D5	17 Jan 2024	Wave Height (ft)	3
D5	17 Jan 2024	High Tide (ft)	4.65
D5	17 Jan 2024	High Tide Time	142
D5	17 Jan 2024	Low Tide (ft)	1.5
D5	17 Jan 2024	Low Tide Time	816
D5	17 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D5	24 Jan 2024	Arrive Time	954
D5	24 Jan 2024	Weather	Cloudy
D5	24 Jan 2024	Wind Speed (kts)	1.3
D5	24 Jan 2024	Wind Dir	NW
D5	24 Jan 2024	Animal Life	
D5	24 Jan 2024	Floatables	Foam
D5	24 Jan 2024	Water Color	Green
D5	24 Jan 2024	Current Direction	S
D5	24 Jan 2024	Water Temp (C)	14
D5	24 Jan 2024	Wave Height (ft)	5
D5	24 Jan 2024	High Tide (ft)	5.82
D5	24 Jan 2024	High Tide Time	744
D5	24 Jan 2024	Low Tide (ft)	2.03
D5	24 Jan 2024	Low Tide Time	142
D5	24 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae; Sewage-like odor
D7	03 Jan 2024	Arrive Time	821
D7	03 Jan 2024	Weather	Drizzle
D7	03 Jan 2024	Wind Speed (kts)	4.5
D7	03 Jan 2024	Wind Dir	W
D7	03 Jan 2024	Animal Life	
D7	03 Jan 2024	Floatables	None
D7	03 Jan 2024	Water Color	Green
D7	03 Jan 2024	Current Direction	S
D7	03 Jan 2024	Water Temp (C)	12
D7	03 Jan 2024	Wave Height (ft)	4
D7	03 Jan 2024	High Tide (ft)	3.89
D7	03 Jan 2024	High Tide Time	231
D7	03 Jan 2024	Low Tide (ft)	2.34
D7	03 Jan 2024	Low Tide Time	851
D7	03 Jan 2024	Comments	Water clear; Trash-1; Algae;Kelp
D7	10 Jan 2024	Arrive Time	904
D7	10 Jan 2024	Weather	Cloudy
D7	10 Jan 2024	Wind Speed (kts)	4.2
D7	10 Jan 2024	Wind Dir	NW
D7	10 Jan 2024	Animal Life	
D7	10 Jan 2024	Floatables	None
D7	10 Jan 2024	Water Color	Green
D7	10 Jan 2024	Current Direction	S

Station	Date	Parameter	Value
D7	10 Jan 2024	Water Temp (C)	7
D7	10 Jan 2024	Wave Height (ft)	5
D7	10 Jan 2024	High Tide (ft)	6.38
D7	10 Jan 2024	High Tide Time	728
D7	10 Jan 2024	Low Tide (ft)	2.11
D7	10 Jan 2024	Low Tide Time	114
D7	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D7	17 Jan 2024	Arrive Time	828
D7	17 Jan 2024	Weather	Foggy
D7	17 Jan 2024	Wind Speed (kts)	0.6
D7	17 Jan 2024	Wind Dir	W
D7	17 Jan 2024	Animal Life	
D7	17 Jan 2024	Floatables	None
D7	17 Jan 2024	Water Color	Green
D7	17 Jan 2024	Current Direction	S
D7	17 Jan 2024	Water Temp (C)	8
D7	17 Jan 2024	Wave Height (ft)	3
D7	17 Jan 2024	High Tide (ft)	4.65
D7	17 Jan 2024	High Tide Time	142
D7	17 Jan 2024	Low Tide (ft)	1.5
D7	17 Jan 2024	Low Tide Time	816
D7	17 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Seagrass;Algae
D7	24 Jan 2024	Arrive Time	910
D7	24 Jan 2024	Weather	Cloudy
D7	24 Jan 2024	Wind Speed (kts)	1.7
D7	24 Jan 2024	Wind Dir	W
D7	24 Jan 2024	Animal Life	
D7	24 Jan 2024	Floatables	Foam
D7	24 Jan 2024	Water Color	Green
D7	24 Jan 2024	Current Direction	S
D7	24 Jan 2024	Water Temp (C)	14
D7	24 Jan 2024	Wave Height (ft)	6
D7	24 Jan 2024	High Tide (ft)	5.82
D7	24 Jan 2024	High Tide Time	744
D7	24 Jan 2024	Low Tide (ft)	2.03
D7	24 Jan 2024	Low Tide Time	142
D7	24 Jan 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae
D8-B	03 Jan 2024	Arrive Time	811
D8-B	03 Jan 2024	Weather	Drizzle
D8-B	03 Jan 2024	Wind Speed (kts)	10.4
D8-B	03 Jan 2024	Wind Dir	W
D8-B	03 Jan 2024	Animal Life	
D8-B	03 Jan 2024	Floatables	None
D8-B	03 Jan 2024	Water Color	Green
D8-B	03 Jan 2024	Current Direction	S
D8-B	03 Jan 2024	Water Temp (C)	11
D8-B	03 Jan 2024	Wave Height (ft)	4
D8-B	03 Jan 2024	High Tide (ft)	3.89
D8-B	03 Jan 2024	High Tide Time	231
D8-B	03 Jan 2024	Low Tide (ft)	2.34
D8-B	03 Jan 2024	Low Tide Time	851
D8-B	03 Jan 2024	Comments	Water clear; Trash-1; Algae
D8-B	10 Jan 2024	Arrive Time	847
D8-B	10 Jan 2024	Weather	Cloudy
D8-B	10 Jan 2024	Wind Speed (kts)	5.2
D8-B	10 Jan 2024	Wind Dir	SW

Station	Date	Parameter	Value
D8-B	10 Jan 2024	Animal Life	
D8-B	10 Jan 2024	Floatables	None
D8-B	10 Jan 2024	Water Color	Brown
D8-B	10 Jan 2024	Current Direction	S
D8-B	10 Jan 2024	Water Temp (C)	7
D8-B	10 Jan 2024	Wave Height (ft)	4
D8-B	10 Jan 2024	High Tide (ft)	6.38
D8-B	10 Jan 2024	High Tide Time	728
D8-B	10 Jan 2024	Low Tide (ft)	2.11
D8-B	10 Jan 2024	Low Tide Time	114
D8-B	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass
D8-B	17 Jan 2024	Arrive Time	818
D8-B	17 Jan 2024	Weather	Foggy
D8-B	17 Jan 2024	Wind Speed (kts)	3.3
D8-B	17 Jan 2024	Wind Dir	E
D8-B	17 Jan 2024	Animal Life	
D8-B	17 Jan 2024	Floatables	None
D8-B	17 Jan 2024	Water Color	Green
D8-B	17 Jan 2024	Current Direction	S
D8-B	17 Jan 2024	Water Temp (C)	8
D8-B	17 Jan 2024	Wave Height (ft)	3
D8-B	17 Jan 2024	High Tide (ft)	4.65
D8-B	17 Jan 2024	High Tide Time	142
D8-B	17 Jan 2024	Low Tide (ft)	1.5
D8-B	17 Jan 2024	Low Tide Time	816
D8-B	17 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D8-B	24 Jan 2024	Arrive Time	856
D8-B	24 Jan 2024	Weather	Cloudy
D8-B	24 Jan 2024	Wind Speed (kts)	0
D8-B	24 Jan 2024	Wind Dir	XX
D8-B	24 Jan 2024	Animal Life	Dog-1;
D8-B	24 Jan 2024	Floatables	Foam
D8-B	24 Jan 2024	Water Color	Green
D8-B	24 Jan 2024	Current Direction	S
D8-B	24 Jan 2024	Water Temp (C)	13
D8-B	24 Jan 2024	Wave Height (ft)	6
D8-B	24 Jan 2024	High Tide (ft)	5.82
D8-B	24 Jan 2024	High Tide Time	744
D8-B	24 Jan 2024	Low Tide (ft)	2.03
D8-B	24 Jan 2024	Low Tide Time	142
D8-B	24 Jan 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris; Person/Walker/Jogger-2
D8-B	26 Jan 2024	Arrive Time	844
D8-B	26 Jan 2024	Weather	Sunny
D8-B	26 Jan 2024	Wind Speed (kts)	1.3
D8-B	26 Jan 2024	Wind Dir	E
D8-B	26 Jan 2024	Animal Life	
D8-B	26 Jan 2024	Floatables	None
D8-B	26 Jan 2024	Water Color	Green
D8-B	26 Jan 2024	Current Direction	S
D8-B	26 Jan 2024	Water Temp (C)	13
D8-B	26 Jan 2024	Wave Height (ft)	6
D8-B	26 Jan 2024	High Tide (ft)	5.67
D8-B	26 Jan 2024	High Tide Time	852
D8-B	26 Jan 2024	Low Tide (ft)	1.76
D8-B	26 Jan 2024	Low Tide Time	252
D8-B	26 Jan 2024	Comments	Water clear; Trash-1; Algae;Debris;Kelp

Station	Date	Parameter	Value
D9	03 Jan 2024	Arrive Time	803
D9	03 Jan 2024	Weather	Drizzle
D9	03 Jan 2024	Wind Speed (kts)	10.7
D9	03 Jan 2024	Wind Dir	SW
D9	03 Jan 2024	Animal Life	Bird-1;
D9	03 Jan 2024	Floatables	None
D9	03 Jan 2024	Water Color	Green
D9	03 Jan 2024	Current Direction	S
D9	03 Jan 2024	Water Temp (C)	11
D9	03 Jan 2024	Wave Height (ft)	6
D9	03 Jan 2024	High Tide (ft)	3.89
D9	03 Jan 2024	High Tide Time	231
D9	03 Jan 2024	Low Tide (ft)	2.34
D9	03 Jan 2024	Low Tide Time	851
D9	03 Jan 2024	Comments	Water clear; Trash-1; Kelp;Algae
D9	10 Jan 2024	Arrive Time	837
D9	10 Jan 2024	Weather	Cloudy
D9	10 Jan 2024	Wind Speed (kts)	0.7
D9	10 Jan 2024	Wind Dir	SW
D9	10 Jan 2024	Animal Life	
D9	10 Jan 2024	Floatables	None
D9	10 Jan 2024	Water Color	Green
D9	10 Jan 2024	Current Direction	S
D9	10 Jan 2024	Water Temp (C)	8
D9	10 Jan 2024	Wave Height (ft)	3
D9	10 Jan 2024	High Tide (ft)	6.38
D9	10 Jan 2024	High Tide Time	728
D9	10 Jan 2024	Low Tide (ft)	2.11
D9	10 Jan 2024	Low Tide Time	114
D9	10 Jan 2024	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae
D9	17 Jan 2024	Arrive Time	811
D9	17 Jan 2024	Weather	Foggy
D9	17 Jan 2024	Wind Speed (kts)	0.6
D9	17 Jan 2024	Wind Dir	NE
D9	17 Jan 2024	Animal Life	
D9	17 Jan 2024	Floatables	None
D9	17 Jan 2024	Water Color	Green
D9	17 Jan 2024	Current Direction	S
D9	17 Jan 2024	Water Temp (C)	8
D9	17 Jan 2024	Wave Height (ft)	3
D9	17 Jan 2024	High Tide (ft)	4.65
D9	17 Jan 2024	High Tide Time	142
D9	17 Jan 2024	Low Tide (ft)	1.5
D9	17 Jan 2024	Low Tide Time	816
D9	17 Jan 2024	Comments	Water clear; Trash-1; Algae
D9	24 Jan 2024	Arrive Time	845
D9	24 Jan 2024	Weather	Cloudy
D9	24 Jan 2024	Wind Speed (kts)	0
D9	24 Jan 2024	Wind Dir	XX
D9	24 Jan 2024	Animal Life	
D9	24 Jan 2024	Floatables	Foam
D9	24 Jan 2024	Water Color	Green
D9	24 Jan 2024	Current Direction	S
D9	24 Jan 2024	Water Temp (C)	14
D9	24 Jan 2024	Wave Height (ft)	5
D9	24 Jan 2024	High Tide (ft)	5.82
D9	24 Jan 2024	High Tide Time	744
D9	24 Jan 2024	Low Tide (ft)	2.03

Station	Date	Parameter	Value
D9	24 Jan 2024	Low Tide Time	142
D9	24 Jan 2024	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D9	26 Jan 2024	Arrive Time	834
D9	26 Jan 2024	Weather	Sunny
D9	26 Jan 2024	Wind Speed (kts)	0
D9	26 Jan 2024	Wind Dir	XX
D9	26 Jan 2024	Animal Life	
D9	26 Jan 2024	Floatables	None
D9	26 Jan 2024	Water Color	Green
D9	26 Jan 2024	Current Direction	S
D9	26 Jan 2024	Water Temp (C)	12
D9	26 Jan 2024	Wave Height (ft)	7
D9	26 Jan 2024	High Tide (ft)	5.67
D9	26 Jan 2024	High Tide Time	852
D9	26 Jan 2024	Low Tide (ft)	1.76
D9	26 Jan 2024	Low Tide Time	252
D9	26 Jan 2024	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Kelp;Algae

Kelp Stations

Table 3.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for fecal coliform bacteria at the PLOO kelp stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >200 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Jan 2024	*4	*4	*5	*2	*3	*2	*4	*4
02 Jan 2024	4	4	4	2	3	2	4	3
03 Jan 2024	4	4	4	2	3	2	4	3
04 Jan 2024	*4	*5	*5	*2	*3	*2	*5	*4
05 Jan 2024	*4	*5	*5	*2	*3	*2	*5	*4
06 Jan 2024	*4	*5	*5	*2	*3	*2	*5	*4
07 Jan 2024	*4	*5	*5	*2	*3	*2	*5	*4
08 Jan 2024	*4	*5	*5	*2	*3	*2	*5	*4
09 Jan 2024	6	6	6	2	5	4	6	5
10 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
11 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
12 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
13 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
14 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
15 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
16 Jan 2024	*7	*7	*7	*2	*3	*4	*7	*4
17 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
18 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
19 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
20 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
21 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
22 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
23 Jan 2024	*7	*6	*6	*2	*3	*4	*5	*3
24 Jan 2024	9	6	8	3	4	5	5	4
25 Jan 2024	*7	*5	*7	*4	*5	*6	*5	*5
26 Jan 2024	*7	*5	*7	*4	*5	*6	*5	*5
27 Jan 2024	*7	*5	*7	*4	*5	*6	*5	*5
28 Jan 2024	*7	*5	*7	*4	*5	*6	*5	*5
29 Jan 2024	*7	*5	*7	*4	*5	*6	*5	*5
30 Jan 2024	5	4	5	3	4	5	4	4
31 Jan 2024	5	4	5	3	4	5	4	4

* Geometric mean calculated using n<5

Table 3.2

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
09 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
30 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.3

Summary of compliance with the Ocean Plan’s 30-day Geometric Mean standard for *Enterococcus* at the PLOO kelp stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 6 weeks unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Jan 2024	*3	*3	*2	*2	*2	*2	*2	*2
02 Jan 2024	3	3	2	2	2	2	2	2
03 Jan 2024	3	3	2	2	2	2	2	2
04 Jan 2024	*3	*3	*2	*2	*2	*2	*2	*2
05 Jan 2024	*3	*3	*2	*2	*2	*2	*2	*2
06 Jan 2024	*3	*3	*2	*2	*2	*2	*2	*2
07 Jan 2024	*3	*3	*2	*2	*2	*2	*2	*2
08 Jan 2024	*3	*3	*2	*2	*2	*2	*2	*2
09 Jan 2024	3	3	3	2	2	3	4	4
10 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
11 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
12 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
13 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
14 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
15 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
16 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
17 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
18 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
19 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
20 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
21 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
22 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
23 Jan 2024	*3	*4	*4	*2	*2	*3	*4	*4
24 Jan 2024	5	5	4	3	3	3	4	5
25 Jan 2024	*4	*5	*4	*3	*3	*3	*4	*6
26 Jan 2024	*4	*5	*4	*3	*3	*3	*4	*6
27 Jan 2024	*4	*5	*4	*3	*3	*3	*4	*6
28 Jan 2024	*4	*5	*4	*3	*3	*3	*4	*6
29 Jan 2024	*4	*5	*4	*3	*3	*3	*4	*6
30 Jan 2024	4	4	3	3	3	3	3	5
31 Jan 2024	4	4	3	3	3	3	3	5

* Geometric mean calculated using n<5

Table 3.4

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL in more than 10% of samples per month.

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
09 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
30 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.5

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for total coliform bacteria at the PLOO kelp stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1000 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Jan 2024	*16	*17	*16	*5	*6	*4	*19	*8
02 Jan 2024	11	16	11	4	5	4	13	6
03 Jan 2024	11	16	11	4	5	4	13	6
04 Jan 2024	*12	*22	*15	*3	*6	*5	*20	*8
05 Jan 2024	*12	*22	*15	*3	*6	*5	*20	*8
06 Jan 2024	*12	*22	*15	*3	*6	*5	*20	*8
07 Jan 2024	*12	*22	*15	*3	*6	*5	*20	*8
08 Jan 2024	*12	*22	*15	*3	*6	*5	*20	*8
09 Jan 2024	16	25	22	3	9	10	25	12
10 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
11 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
12 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
13 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
14 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
15 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
16 Jan 2024	*20	*32	*19	*3	*6	*10	*20	*7
17 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
18 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
19 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
20 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
21 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
22 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
23 Jan 2024	*28	*15	*12	*4	*5	*6	*12	*4
24 Jan 2024	41	19	19	8	8	10	15	8
25 Jan 2024	*20	*15	*15	*6	*11	*15	*11	*11
26 Jan 2024	*20	*15	*15	*6	*11	*15	*11	*11
27 Jan 2024	*20	*15	*15	*6	*11	*15	*11	*11
28 Jan 2024	*20	*15	*15	*6	*11	*15	*11	*11
29 Jan 2024	*20	*15	*15	*6	*11	*15	*11	*11
30 Jan 2024	13	11	13	5	11	13	8	9
31 Jan 2024	13	11	13	5	11	13	8	9

- Median calculated using n<5

Table 3.6

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum for total coliform bacteria, which states that total coliform density shall not exceed 400 CFU/100 mL in more than 10% of samples per station, per month.

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
09 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
30 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.7

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria and the fecal/total coliform ratio (F:T), which states that total coliform density shall not exceed 1,000 CFU/100 mL when F:T > 0.1.

Date	A1	A6	A7	C4	C5	C6	C7	C8
02 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
09 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
17 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
24 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC
30 Jan 2024	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.8

Summary of water quality parameters at the PLOO kelp stations for each sample date. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) bacteria are reported as CFU/100 mL; values for temperature (Temp, °C), transmissivity (XMS, ‰), dissolved oxygen (DO, mg/L), salinity (Sal, ppt) and pH were extracted from CTD profile data for depths closest to those at which the bacteriological samples were collected. Comments follow the data summary.

Station	Date	Time	Depth	Total	Fecal	Entero
A1	02 Jan 2024	801	1	2e	<2	<2
A1	02 Jan 2024	801	12	<2	<2	<2
A1	02 Jan 2024	801	18	2e	<2	<2
A1	09 Jan 2024	846	1	42	14e	4e
A1	09 Jan 2024	846	12	38e	8e	2e
A1	09 Jan 2024	846	18	92	30e	10e
A1	17 Jan 2024	744	1	<2	<2	<2
A1	17 Jan 2024	744	12	<2	<2	<2
A1	17 Jan 2024	744	18	20e	<2	<2
A1	24 Jan 2024	736	1	130	28e	14e
A1	24 Jan 2024	736	12	280e	22e	26e
A1	24 Jan 2024	736	18	130	36e	16e
A1	30 Jan 2024	806	1	<2	2e	<2
A1	30 Jan 2024	806	12	<2	2e	<2
A1	30 Jan 2024	806	18	2e	<2	<2
A6	02 Jan 2024	926	1	<2	<2	<2
A6	02 Jan 2024	926	12	18e	<2	<2
A6	02 Jan 2024	926	18	20e	6e	2e
A6	09 Jan 2024	909	1	8e	2e	<2
A6	09 Jan 2024	909	12	10e	8e	6e
A6	09 Jan 2024	909	18	98	44	16e
A6	17 Jan 2024	811	1	<2	<2	<2
A6	17 Jan 2024	811	12	<2	<2	<2
A6	17 Jan 2024	811	18	<2	<2	<2
A6	24 Jan 2024	806	1	34e	4e	8e
A6	24 Jan 2024	806	12	46	6e	28e
A6	24 Jan 2024	806	18	60	8e	32e
A6	30 Jan 2024	833	1	2e	<2	<2
A6	30 Jan 2024	833	12	4e	<2	<2
A6	30 Jan 2024	833	18	2e	<2	<2
A7	02 Jan 2024	821	1	<2	2e	<2
A7	02 Jan 2024	821	12	2e	<2	<2
A7	02 Jan 2024	821	18	<2	<2	<2
A7	09 Jan 2024	857	1	40	4e	4e
A7	09 Jan 2024	857	12	72	22e	4e
A7	09 Jan 2024	857	18	150	50	38e
A7	17 Jan 2024	759	1	<2	<2	<2
A7	17 Jan 2024	759	12	<2	<2	<2
A7	17 Jan 2024	759	18	<2	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
A7	24 Jan 2024	752	1	76	26e	<2
A7	24 Jan 2024	752	12	220e	10e	8e
A7	24 Jan 2024	752	18	100e	20e	2e
A7	30 Jan 2024	823	1	<2	<2	<2
A7	30 Jan 2024	823	12	<20	<2	<2
A7	30 Jan 2024	823	18	<2	<2	<2
C4	02 Jan 2024	1033	1	<2	<2	<2
C4	02 Jan 2024	1033	3	2e	<2	<2
C4	02 Jan 2024	1033	9	<2	<2	<2
C4	09 Jan 2024	1019	1	2e	<2	<2
C4	09 Jan 2024	1019	3	4e	<2	<2
C4	09 Jan 2024	1019	9	2e	2e	<2
C4	17 Jan 2024	914	1	<2	<2	<2
C4	17 Jan 2024	914	3	<2	<2	<2
C4	17 Jan 2024	914	9	4e	<2	<2
C4	24 Jan 2024	916	1	78	26e	10e
C4	24 Jan 2024	916	3	120e	20e	2e
C4	24 Jan 2024	916	9	160e	24e	8e
C4	30 Jan 2024	938	1	<2	<2	<2
C4	30 Jan 2024	938	3	<2	<2	<2
C4	30 Jan 2024	938	9	2e	<2	<2
C5	02 Jan 2024	1023	1	2e	<2	<2
C5	02 Jan 2024	1023	3	<2	<2	<2
C5	02 Jan 2024	1023	9	<2	<2	<2
C5	09 Jan 2024	1009	1	8e	<2	<2
C5	09 Jan 2024	1009	3	6e	4e	<2
C5	09 Jan 2024	1009	9	110	44	6e
C5	17 Jan 2024	904	1	<2	<2	<2
C5	17 Jan 2024	904	3	<2	<2	<2
C5	17 Jan 2024	904	9	6e	<2	4e
C5	24 Jan 2024	906	1	86	20e	4e
C5	24 Jan 2024	906	3	54	4e	8e
C5	24 Jan 2024	906	9	38e	10e	<2
C5	30 Jan 2024	928	1	<2	<2	<2
C5	30 Jan 2024	928	3	<2	<2	<2
C5	30 Jan 2024	928	9	<20	2e	<2
C6	02 Jan 2024	1013	1	2e	2e	<2
C6	02 Jan 2024	1013	3	<2	<2	<2
C6	02 Jan 2024	1013	9	4e	4e	<2
C6	09 Jan 2024	958	1	54	12e	<2
C6	09 Jan 2024	958	3	86	26e	8e
C6	09 Jan 2024	958	9	340e	54	28e
C6	17 Jan 2024	855	1	<2	<2	<2
C6	17 Jan 2024	855	3	<2	<2	<2
C6	17 Jan 2024	855	9	<2	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C6	24 Jan 2024	852	1	66	10e	4e
C6	24 Jan 2024	852	3	72	18e	2e
C6	24 Jan 2024	852	9	30e	2e	2e
C6	30 Jan 2024	917	1	<20	<2	<2
C6	30 Jan 2024	917	3	<2	<2	<2
C6	30 Jan 2024	917	9	2e	<2	<2
C7	02 Jan 2024	941	1	2e	<2	<2
C7	02 Jan 2024	941	12	4e	2e	<2
C7	02 Jan 2024	941	18	<2	4e	<2
C7	09 Jan 2024	929	1	<2	<2	<2
C7	09 Jan 2024	929	12	14e	2e	4e
C7	09 Jan 2024	929	18	150	54	50
C7	17 Jan 2024	825	1	2e	<2	<2
C7	17 Jan 2024	825	12	<2	<2	<2
C7	17 Jan 2024	825	18	4e	<2	2e
C7	24 Jan 2024	818	1	42	2e	2e
C7	24 Jan 2024	818	12	20e	6e	2e
C7	24 Jan 2024	818	18	40	6e	6e
C7	30 Jan 2024	848	1	<2	<2	<2
C7	30 Jan 2024	848	12	<2	2e	<2
C7	30 Jan 2024	848	18	2e	<2	<2
C8	02 Jan 2024	952	1	<2	<2	<2
C8	02 Jan 2024	952	12	2e	<2	<2
C8	02 Jan 2024	952	18	<2	<2	<2
C8	09 Jan 2024	939	1	2e	<2	2e
C8	09 Jan 2024	939	12	20e	8e	<2
C8	09 Jan 2024	939	18	130	44	72
C8	17 Jan 2024	835	1	<2	<2	<2
C8	17 Jan 2024	835	12	<2	2e	<2
C8	17 Jan 2024	835	18	2e	<2	<2
C8	24 Jan 2024	835	1	50	8e	12e
C8	24 Jan 2024	835	12	34e	6e	2e
C8	24 Jan 2024	835	18	120e	12e	20e
C8	30 Jan 2024	859	1	<2	<2	<2
C8	30 Jan 2024	859	12	4e	<2	<2
C8	30 Jan 2024	859	18	4e	2e	<2

ns = not sampled
ND = no data

Table 3.9

Summary of visual observations made during the month for each PLOO kelp station by sample date.

Station	Date	Parameter	Value
A1	02 Jan 2024	Depth (m)	18
A1	02 Jan 2024	Arrive Time	801
A1	02 Jan 2024	Depart Time	804
A1	02 Jan 2024	Air Temp (C)	11.6
A1	02 Jan 2024	Weather	Clear
A1	02 Jan 2024	Visibility (mi)	11
A1	02 Jan 2024	Wind Speed (kts)	12.8
A1	02 Jan 2024	Wind Dir	E
A1	02 Jan 2024	Water Color	Blue
A1	02 Jan 2024	Wave Height Low (ft)	6
A1	02 Jan 2024	Wave Period (sec)	12
A1	02 Jan 2024	Sea State	Light Chop
A1	02 Jan 2024	High Tide (ft)	3.72
A1	02 Jan 2024	High Tide Time	148
A1	02 Jan 2024	Low Tide (ft)	1.02
A1	02 Jan 2024	Low Tide Time	1912
A1	02 Jan 2024	Comments	
A1	09 Jan 2024	Depth (m)	18
A1	09 Jan 2024	Arrive Time	846
A1	09 Jan 2024	Depart Time	852
A1	09 Jan 2024	Air Temp (C)	10.8
A1	09 Jan 2024	Weather	Clear
A1	09 Jan 2024	Visibility (mi)	10
A1	09 Jan 2024	Wind Speed (kts)	9.0
A1	09 Jan 2024	Wind Dir	E
A1	09 Jan 2024	Water Color	Blueish-Green
A1	09 Jan 2024	Wave Height Low (ft)	4.9
A1	09 Jan 2024	Wave Period (sec)	13
A1	09 Jan 2024	Sea State	Regular Swell
A1	09 Jan 2024	High Tide (ft)	6.18
A1	09 Jan 2024	High Tide Time	642
A1	09 Jan 2024	Low Tide (ft)	-1.22
A1	09 Jan 2024	Low Tide Time	1412
A1	09 Jan 2024	Comments	
A1	17 Jan 2024	Depth (m)	18
A1	17 Jan 2024	Arrive Time	744
A1	17 Jan 2024	Depart Time	752
A1	17 Jan 2024	Air Temp (C)	12.7
A1	17 Jan 2024	Weather	Fog
A1	17 Jan 2024	Visibility (mi)	4
A1	17 Jan 2024	Wind Speed (kts)	7.4
A1	17 Jan 2024	Wind Dir	E
A1	17 Jan 2024	Water Color	Blue
A1	17 Jan 2024	Wave Height Low (ft)	4
A1	17 Jan 2024	Wave Period (sec)	15
A1	17 Jan 2024	Sea State	Confused Swell
A1	17 Jan 2024	High Tide (ft)	4.71
A1	17 Jan 2024	High Tide Time	148
A1	17 Jan 2024	Low Tide (ft)	1.08
A1	17 Jan 2024	Low Tide Time	1936
A1	17 Jan 2024	Comments	
A1	24 Jan 2024	Depth (m)	20
A1	24 Jan 2024	Arrive Time	736

Station	Date	Parameter	Value
A1	24 Jan 2024	Depart Time	741
A1	24 Jan 2024	Air Temp (C)	13.9
A1	24 Jan 2024	Weather	Partly Cloudy
A1	24 Jan 2024	Visibility (mi)	11
A1	24 Jan 2024	Wind Speed (kts)	8.7
A1	24 Jan 2024	Wind Dir	E
A1	24 Jan 2024	Water Color	Green
A1	24 Jan 2024	Wave Height Low (ft)	6.2
A1	24 Jan 2024	Wave Period (sec)	17
A1	24 Jan 2024	Sea State	Confused Swell
A1	24 Jan 2024	High Tide (ft)	5.93
A1	24 Jan 2024	High Tide Time	742
A1	24 Jan 2024	Low Tide (ft)	-1.05
A1	24 Jan 2024	Low Tide Time	1500
A1	24 Jan 2024	Comments	
A1	30 Jan 2024	Depth (m)	18
A1	30 Jan 2024	Arrive Time	806
A1	30 Jan 2024	Depart Time	818
A1	30 Jan 2024	Air Temp (C)	13
A1	30 Jan 2024	Weather	Clear
A1	30 Jan 2024	Visibility (mi)	15
A1	30 Jan 2024	Wind Speed (kts)	0
A1	30 Jan 2024	Wind Dir	
A1	30 Jan 2024	Water Color	Blueish-Green
A1	30 Jan 2024	Wave Height Low (ft)	4
A1	30 Jan 2024	Wave Period (sec)	12
A1	30 Jan 2024	Sea State	Regular Swell
A1	30 Jan 2024	High Tide (ft)	4.11
A1	30 Jan 2024	High Tide Time	1054
A1	30 Jan 2024	Low Tide (ft)	0.67
A1	30 Jan 2024	Low Tide Time	1724
A1	30 Jan 2024	Comments	
A6	02 Jan 2024	Depth (m)	16
A6	02 Jan 2024	Arrive Time	926
A6	02 Jan 2024	Depart Time	930
A6	02 Jan 2024	Air Temp (C)	13.6
A6	02 Jan 2024	Weather	Clear
A6	02 Jan 2024	Visibility (mi)	11
A6	02 Jan 2024	Wind Speed (kts)	9.4
A6	02 Jan 2024	Wind Dir	E
A6	02 Jan 2024	Water Color	Greenish-Blue
A6	02 Jan 2024	Wave Height Low (ft)	6
A6	02 Jan 2024	Wave Period (sec)	12
A6	02 Jan 2024	Sea State	Light Chop
A6	02 Jan 2024	High Tide (ft)	3.72
A6	02 Jan 2024	High Tide Time	148
A6	02 Jan 2024	Low Tide (ft)	1.02
A6	02 Jan 2024	Low Tide Time	1912
A6	02 Jan 2024	Comments	
A6	09 Jan 2024	Depth (m)	18
A6	09 Jan 2024	Arrive Time	909
A6	09 Jan 2024	Depart Time	919
A6	09 Jan 2024	Air Temp (C)	12.3
A6	09 Jan 2024	Weather	Clear
A6	09 Jan 2024	Visibility (mi)	10
A6	09 Jan 2024	Wind Speed (kts)	3.9
A6	09 Jan 2024	Wind Dir	E
A6	09 Jan 2024	Water Color	Blueish-Green

Station	Date	Parameter	Value
A6	09 Jan 2024	Wave Height Low (ft)	4.9
A6	09 Jan 2024	Wave Period (sec)	13
A6	09 Jan 2024	Sea State	Regular Swell
A6	09 Jan 2024	High Tide (ft)	6.18
A6	09 Jan 2024	High Tide Time	642
A6	09 Jan 2024	Low Tide (ft)	-1.22
A6	09 Jan 2024	Low Tide Time	1412
A6	09 Jan 2024	Comments	Did 2nd cast to get depth
A6	17 Jan 2024	Depth (m)	18
A6	17 Jan 2024	Arrive Time	811
A6	17 Jan 2024	Depart Time	815
A6	17 Jan 2024	Air Temp (C)	12.7
A6	17 Jan 2024	Weather	Fog
A6	17 Jan 2024	Visibility (mi)	4
A6	17 Jan 2024	Wind Speed (kts)	9.7
A6	17 Jan 2024	Wind Dir	N
A6	17 Jan 2024	Water Color	Blue
A6	17 Jan 2024	Wave Height Low (ft)	4
A6	17 Jan 2024	Wave Period (sec)	15
A6	17 Jan 2024	Sea State	Regular Swell
A6	17 Jan 2024	High Tide (ft)	4.71
A6	17 Jan 2024	High Tide Time	148
A6	17 Jan 2024	Low Tide (ft)	1.08
A6	17 Jan 2024	Low Tide Time	1936
A6	17 Jan 2024	Comments	
A6	24 Jan 2024	Depth (m)	18
A6	24 Jan 2024	Arrive Time	806
A6	24 Jan 2024	Depart Time	809
A6	24 Jan 2024	Air Temp (C)	13.8
A6	24 Jan 2024	Weather	Partly Cloudy
A6	24 Jan 2024	Visibility (mi)	11
A6	24 Jan 2024	Wind Speed (kts)	4.4
A6	24 Jan 2024	Wind Dir	SE
A6	24 Jan 2024	Water Color	Blueish-Green
A6	24 Jan 2024	Wave Height Low (ft)	6.2
A6	24 Jan 2024	Wave Period (sec)	17
A6	24 Jan 2024	Sea State	Confused Swell
A6	24 Jan 2024	High Tide (ft)	5.93
A6	24 Jan 2024	High Tide Time	742
A6	24 Jan 2024	Low Tide (ft)	-1.05
A6	24 Jan 2024	Low Tide Time	1500
A6	24 Jan 2024	Comments	
A6	30 Jan 2024	Depth (m)	18
A6	30 Jan 2024	Arrive Time	833
A6	30 Jan 2024	Depart Time	839
A6	30 Jan 2024	Air Temp (C)	15
A6	30 Jan 2024	Weather	Clear
A6	30 Jan 2024	Visibility (mi)	15
A6	30 Jan 2024	Wind Speed (kts)	7
A6	30 Jan 2024	Wind Dir	300
A6	30 Jan 2024	Water Color	Blueish-Green
A6	30 Jan 2024	Wave Height Low (ft)	4
A6	30 Jan 2024	Wave Period (sec)	12
A6	30 Jan 2024	Sea State	Regular Swell
A6	30 Jan 2024	High Tide (ft)	4.11
A6	30 Jan 2024	High Tide Time	1054
A6	30 Jan 2024	Low Tide (ft)	0.67
A6	30 Jan 2024	Low Tide Time	1724

Station	Date	Parameter	Value
A6	30 Jan 2024	Comments	
A7	02 Jan 2024	Depth (m)	18
A7	02 Jan 2024	Arrive Time	821
A7	02 Jan 2024	Depart Time	823
A7	02 Jan 2024	Air Temp (C)	12.7
A7	02 Jan 2024	Weather	Clear
A7	02 Jan 2024	Visibility (mi)	11
A7	02 Jan 2024	Wind Speed (kts)	2.7
A7	02 Jan 2024	Wind Dir	S
A7	02 Jan 2024	Water Color	Blue
A7	02 Jan 2024	Wave Height Low (ft)	6
A7	02 Jan 2024	Wave Period (sec)	12
A7	02 Jan 2024	Sea State	Light Chop
A7	02 Jan 2024	High Tide (ft)	3.72
A7	02 Jan 2024	High Tide Time	148
A7	02 Jan 2024	Low Tide (ft)	1.02
A7	02 Jan 2024	Low Tide Time	1912
A7	02 Jan 2024	Comments	
A7	09 Jan 2024	Depth (m)	18
A7	09 Jan 2024	Arrive Time	857
A7	09 Jan 2024	Depart Time	902
A7	09 Jan 2024	Air Temp (C)	11.4
A7	09 Jan 2024	Weather	Clear
A7	09 Jan 2024	Visibility (mi)	10
A7	09 Jan 2024	Wind Speed (kts)	9.0
A7	09 Jan 2024	Wind Dir	E
A7	09 Jan 2024	Water Color	Blueish-Green
A7	09 Jan 2024	Wave Height Low (ft)	4.9
A7	09 Jan 2024	Wave Period (sec)	13
A7	09 Jan 2024	Sea State	Regular Swell
A7	09 Jan 2024	High Tide (ft)	6.18
A7	09 Jan 2024	High Tide Time	642
A7	09 Jan 2024	Low Tide (ft)	-1.22
A7	09 Jan 2024	Low Tide Time	1412
A7	09 Jan 2024	Comments	
A7	17 Jan 2024	Depth (m)	18
A7	17 Jan 2024	Arrive Time	759
A7	17 Jan 2024	Depart Time	805
A7	17 Jan 2024	Air Temp (C)	12.8
A7	17 Jan 2024	Weather	Fog
A7	17 Jan 2024	Visibility (mi)	4
A7	17 Jan 2024	Wind Speed (kts)	9.6
A7	17 Jan 2024	Wind Dir	NE
A7	17 Jan 2024	Water Color	Blue
A7	17 Jan 2024	Wave Height Low (ft)	4
A7	17 Jan 2024	Wave Period (sec)	15
A7	17 Jan 2024	Sea State	Confused Swell
A7	17 Jan 2024	High Tide (ft)	4.71
A7	17 Jan 2024	High Tide Time	148
A7	17 Jan 2024	Low Tide (ft)	1.08
A7	17 Jan 2024	Low Tide Time	1936
A7	17 Jan 2024	Comments	
A7	24 Jan 2024	Depth (m)	19
A7	24 Jan 2024	Arrive Time	752
A7	24 Jan 2024	Depart Time	755
A7	24 Jan 2024	Air Temp (C)	13.7
A7	24 Jan 2024	Weather	Partly Cloudy

Station	Date	Parameter	Value
A7	24 Jan 2024	Visibility (mi)	11
A7	24 Jan 2024	Wind Speed (kts)	5.1
A7	24 Jan 2024	Wind Dir	E
A7	24 Jan 2024	Water Color	Green
A7	24 Jan 2024	Wave Height Low (ft)	6.2
A7	24 Jan 2024	Wave Period (sec)	17
A7	24 Jan 2024	Sea State	Confused Swell
A7	24 Jan 2024	High Tide (ft)	5.93
A7	24 Jan 2024	High Tide Time	742
A7	24 Jan 2024	Low Tide (ft)	-1.05
A7	24 Jan 2024	Low Tide Time	1500
A7	24 Jan 2024	Comments	
A7	30 Jan 2024	Depth (m)	19
A7	30 Jan 2024	Arrive Time	823
A7	30 Jan 2024	Depart Time	826
A7	30 Jan 2024	Air Temp (C)	15
A7	30 Jan 2024	Weather	Clear
A7	30 Jan 2024	Visibility (mi)	15
A7	30 Jan 2024	Wind Speed (kts)	4
A7	30 Jan 2024	Wind Dir	310
A7	30 Jan 2024	Water Color	Blueish-Green
A7	30 Jan 2024	Wave Height Low (ft)	4
A7	30 Jan 2024	Wave Period (sec)	12
A7	30 Jan 2024	Sea State	Regular Swell
A7	30 Jan 2024	High Tide (ft)	4.11
A7	30 Jan 2024	High Tide Time	1054
A7	30 Jan 2024	Low Tide (ft)	0.67
A7	30 Jan 2024	Low Tide Time	1724
A7	30 Jan 2024	Comments	
C4	02 Jan 2024	Depth (m)	10
C4	02 Jan 2024	Arrive Time	1033
C4	02 Jan 2024	Depart Time	1036
C4	02 Jan 2024	Air Temp (C)	13.8
C4	02 Jan 2024	Weather	Clear
C4	02 Jan 2024	Visibility (mi)	11
C4	02 Jan 2024	Wind Speed (kts)	5.5
C4	02 Jan 2024	Wind Dir	E
C4	02 Jan 2024	Water Color	Green
C4	02 Jan 2024	Wave Height Low (ft)	6
C4	02 Jan 2024	Wave Period (sec)	12
C4	02 Jan 2024	Sea State	Light Chop
C4	02 Jan 2024	High Tide (ft)	3.72
C4	02 Jan 2024	High Tide Time	148
C4	02 Jan 2024	Low Tide (ft)	1.02
C4	02 Jan 2024	Low Tide Time	1912
C4	02 Jan 2024	Comments	
C4	09 Jan 2024	Depth (m)	10
C4	09 Jan 2024	Arrive Time	1019
C4	09 Jan 2024	Depart Time	1029
C4	09 Jan 2024	Air Temp (C)	12.7
C4	09 Jan 2024	Weather	Clear
C4	09 Jan 2024	Visibility (mi)	10
C4	09 Jan 2024	Wind Speed (kts)	6.7
C4	09 Jan 2024	Wind Dir	E
C4	09 Jan 2024	Water Color	Greenish-Brown
C4	09 Jan 2024	Wave Height Low (ft)	4.9
C4	09 Jan 2024	Wave Period (sec)	13
C4	09 Jan 2024	Sea State	Regular Swell

Station	Date	Parameter	Value
C4	09 Jan 2024	High Tide (ft)	6.18
C4	09 Jan 2024	High Tide Time	642
C4	09 Jan 2024	Low Tide (ft)	-1.22
C4	09 Jan 2024	Low Tide Time	1412
C4	09 Jan 2024	Comments	
C4	17 Jan 2024	Depth (m)	10
C4	17 Jan 2024	Arrive Time	914
C4	17 Jan 2024	Depart Time	917
C4	17 Jan 2024	Air Temp (C)	13.1
C4	17 Jan 2024	Weather	Haze
C4	17 Jan 2024	Visibility (mi)	4
C4	17 Jan 2024	Wind Speed (kts)	13.3
C4	17 Jan 2024	Wind Dir	SE
C4	17 Jan 2024	Water Color	Blue
C4	17 Jan 2024	Wave Height Low (ft)	4
C4	17 Jan 2024	Wave Period (sec)	15
C4	17 Jan 2024	Sea State	Regular Swell
C4	17 Jan 2024	High Tide (ft)	4.71
C4	17 Jan 2024	High Tide Time	148
C4	17 Jan 2024	Low Tide (ft)	1.08
C4	17 Jan 2024	Low Tide Time	1936
C4	17 Jan 2024	Comments	
C4	24 Jan 2024	Depth (m)	11
C4	24 Jan 2024	Arrive Time	916
C4	24 Jan 2024	Depart Time	922
C4	24 Jan 2024	Air Temp (C)	14.1
C4	24 Jan 2024	Weather	Partly Cloudy
C4	24 Jan 2024	Visibility (mi)	11
C4	24 Jan 2024	Wind Speed (kts)	11.7
C4	24 Jan 2024	Wind Dir	SE
C4	24 Jan 2024	Water Color	Green
C4	24 Jan 2024	Wave Height Low (ft)	6.2
C4	24 Jan 2024	Wave Period (sec)	17
C4	24 Jan 2024	Sea State	Confused Swell
C4	24 Jan 2024	High Tide (ft)	5.93
C4	24 Jan 2024	High Tide Time	742
C4	24 Jan 2024	Low Tide (ft)	-1.05
C4	24 Jan 2024	Low Tide Time	1500
C4	24 Jan 2024	Comments	
C4	30 Jan 2024	Depth (m)	11
C4	30 Jan 2024	Arrive Time	938
C4	30 Jan 2024	Depart Time	942
C4	30 Jan 2024	Air Temp (C)	17
C4	30 Jan 2024	Weather	Clear
C4	30 Jan 2024	Visibility (mi)	15
C4	30 Jan 2024	Wind Speed (kts)	1
C4	30 Jan 2024	Wind Dir	290
C4	30 Jan 2024	Water Color	Blueish-Green
C4	30 Jan 2024	Wave Height Low (ft)	4
C4	30 Jan 2024	Wave Period (sec)	12
C4	30 Jan 2024	Sea State	Regular Swell
C4	30 Jan 2024	High Tide (ft)	4.11
C4	30 Jan 2024	High Tide Time	1054
C4	30 Jan 2024	Low Tide (ft)	0.67
C4	30 Jan 2024	Low Tide Time	1724
C4	30 Jan 2024	Comments	
C5	02 Jan 2024	Depth (m)	9

Station	Date	Parameter	Value
C5	02 Jan 2024	Arrive Time	1023
C5	02 Jan 2024	Depart Time	1027
C5	02 Jan 2024	Air Temp (C)	15.1
C5	02 Jan 2024	Weather	Clear
C5	02 Jan 2024	Visibility (mi)	11
C5	02 Jan 2024	Wind Speed (kts)	4.7
C5	02 Jan 2024	Wind Dir	E
C5	02 Jan 2024	Water Color	Brownish-Green
C5	02 Jan 2024	Wave Height Low (ft)	6
C5	02 Jan 2024	Wave Period (sec)	12
C5	02 Jan 2024	Sea State	Light Chop
C5	02 Jan 2024	High Tide (ft)	3.72
C5	02 Jan 2024	High Tide Time	148
C5	02 Jan 2024	Low Tide (ft)	1.02
C5	02 Jan 2024	Low Tide Time	1912
C5	02 Jan 2024	Comments	
C5	09 Jan 2024	Depth (m)	9
C5	09 Jan 2024	Arrive Time	1009
C5	09 Jan 2024	Depart Time	1012
C5	09 Jan 2024	Air Temp (C)	13.3
C5	09 Jan 2024	Weather	Clear
C5	09 Jan 2024	Visibility (mi)	10
C5	09 Jan 2024	Wind Speed (kts)	7.1
C5	09 Jan 2024	Wind Dir	E
C5	09 Jan 2024	Water Color	Greenish-Brown
C5	09 Jan 2024	Wave Height Low (ft)	4.9
C5	09 Jan 2024	Wave Period (sec)	13
C5	09 Jan 2024	Sea State	Regular Swell
C5	09 Jan 2024	High Tide (ft)	6.18
C5	09 Jan 2024	High Tide Time	642
C5	09 Jan 2024	Low Tide (ft)	-1.22
C5	09 Jan 2024	Low Tide Time	1412
C5	09 Jan 2024	Comments	
C5	17 Jan 2024	Depth (m)	9
C5	17 Jan 2024	Arrive Time	904
C5	17 Jan 2024	Depart Time	908
C5	17 Jan 2024	Air Temp (C)	13.6
C5	17 Jan 2024	Weather	Haze
C5	17 Jan 2024	Visibility (mi)	4
C5	17 Jan 2024	Wind Speed (kts)	2.3
C5	17 Jan 2024	Wind Dir	SE
C5	17 Jan 2024	Water Color	Blue
C5	17 Jan 2024	Wave Height Low (ft)	4
C5	17 Jan 2024	Wave Period (sec)	15
C5	17 Jan 2024	Sea State	Regular Swell
C5	17 Jan 2024	High Tide (ft)	4.71
C5	17 Jan 2024	High Tide Time	148
C5	17 Jan 2024	Low Tide (ft)	1.08
C5	17 Jan 2024	Low Tide Time	1936
C5	17 Jan 2024	Comments	
C5	24 Jan 2024	Depth (m)	10
C5	24 Jan 2024	Arrive Time	906
C5	24 Jan 2024	Depart Time	910
C5	24 Jan 2024	Air Temp (C)	14.5
C5	24 Jan 2024	Weather	Partly Cloudy
C5	24 Jan 2024	Visibility (mi)	11
C5	24 Jan 2024	Wind Speed (kts)	11.2
C5	24 Jan 2024	Wind Dir	S

Station	Date	Parameter	Value
C5	24 Jan 2024	Water Color	Green
C5	24 Jan 2024	Wave Height Low (ft)	6.2
C5	24 Jan 2024	Wave Period (sec)	17
C5	24 Jan 2024	Sea State	Confused Swell
C5	24 Jan 2024	High Tide (ft)	5.93
C5	24 Jan 2024	High Tide Time	742
C5	24 Jan 2024	Low Tide (ft)	-1.05
C5	24 Jan 2024	Low Tide Time	1500
C5	24 Jan 2024	Comments	
C5	30 Jan 2024	Depth (m)	10
C5	30 Jan 2024	Arrive Time	928
C5	30 Jan 2024	Depart Time	932
C5	30 Jan 2024	Air Temp (C)	17
C5	30 Jan 2024	Weather	Clear
C5	30 Jan 2024	Visibility (mi)	15
C5	30 Jan 2024	Wind Speed (kts)	5
C5	30 Jan 2024	Wind Dir	320
C5	30 Jan 2024	Water Color	Blueish-Green
C5	30 Jan 2024	Wave Height Low (ft)	4
C5	30 Jan 2024	Wave Period (sec)	12
C5	30 Jan 2024	Sea State	Regular Swell
C5	30 Jan 2024	High Tide (ft)	4.11
C5	30 Jan 2024	High Tide Time	1054
C5	30 Jan 2024	Low Tide (ft)	0.67
C5	30 Jan 2024	Low Tide Time	1724
C5	30 Jan 2024	Comments	
C6	02 Jan 2024	Depth (m)	9
C6	02 Jan 2024	Arrive Time	1013
C6	02 Jan 2024	Depart Time	1017
C6	02 Jan 2024	Air Temp (C)	15.2
C6	02 Jan 2024	Weather	Clear
C6	02 Jan 2024	Visibility (mi)	11
C6	02 Jan 2024	Wind Speed (kts)	6.3
C6	02 Jan 2024	Wind Dir	E
C6	02 Jan 2024	Water Color	Green
C6	02 Jan 2024	Wave Height Low (ft)	6
C6	02 Jan 2024	Wave Period (sec)	12
C6	02 Jan 2024	Sea State	Light Chop
C6	02 Jan 2024	High Tide (ft)	3.72
C6	02 Jan 2024	High Tide Time	148
C6	02 Jan 2024	Low Tide (ft)	1.02
C6	02 Jan 2024	Low Tide Time	1912
C6	02 Jan 2024	Comments	
C6	09 Jan 2024	Depth (m)	8
C6	09 Jan 2024	Arrive Time	958
C6	09 Jan 2024	Depart Time	1003
C6	09 Jan 2024	Air Temp (C)	13.5
C6	09 Jan 2024	Weather	Clear
C6	09 Jan 2024	Visibility (mi)	10
C6	09 Jan 2024	Wind Speed (kts)	2.8
C6	09 Jan 2024	Wind Dir	E
C6	09 Jan 2024	Water Color	Greenish-Brown
C6	09 Jan 2024	Wave Height Low (ft)	4.9
C6	09 Jan 2024	Wave Period (sec)	13
C6	09 Jan 2024	Sea State	Regular Swell
C6	09 Jan 2024	High Tide (ft)	6.18
C6	09 Jan 2024	High Tide Time	642
C6	09 Jan 2024	Low Tide (ft)	-1.22

Station	Date	Parameter	Value
C6	09 Jan 2024	Low Tide Time	1412
C6	09 Jan 2024	Comments	
C6	17 Jan 2024	Depth (m)	9
C6	17 Jan 2024	Arrive Time	855
C6	17 Jan 2024	Depart Time	859
C6	17 Jan 2024	Air Temp (C)	13.7
C6	17 Jan 2024	Weather	Fog
C6	17 Jan 2024	Visibility (mi)	4
C6	17 Jan 2024	Wind Speed (kts)	6.7
C6	17 Jan 2024	Wind Dir	SE
C6	17 Jan 2024	Water Color	Blue
C6	17 Jan 2024	Wave Height Low (ft)	4
C6	17 Jan 2024	Wave Period (sec)	15
C6	17 Jan 2024	Sea State	Regular Swell
C6	17 Jan 2024	High Tide (ft)	4.71
C6	17 Jan 2024	High Tide Time	148
C6	17 Jan 2024	Low Tide (ft)	1.08
C6	17 Jan 2024	Low Tide Time	1936
C6	17 Jan 2024	Comments	
C6	24 Jan 2024	Depth (m)	9
C6	24 Jan 2024	Arrive Time	852
C6	24 Jan 2024	Depart Time	902
C6	24 Jan 2024	Air Temp (C)	14.4
C6	24 Jan 2024	Weather	Partly Cloudy
C6	24 Jan 2024	Visibility (mi)	11
C6	24 Jan 2024	Wind Speed (kts)	12.4
C6	24 Jan 2024	Wind Dir	S
C6	24 Jan 2024	Water Color	Blueish-Green
C6	24 Jan 2024	Wave Height Low (ft)	6.2
C6	24 Jan 2024	Wave Period (sec)	17
C6	24 Jan 2024	Sea State	Confused Swell
C6	24 Jan 2024	High Tide (ft)	5.93
C6	24 Jan 2024	High Tide Time	742
C6	24 Jan 2024	Low Tide (ft)	-1.05
C6	24 Jan 2024	Low Tide Time	1500
C6	24 Jan 2024	Comments	
C6	30 Jan 2024	Depth (m)	10
C6	30 Jan 2024	Arrive Time	917
C6	30 Jan 2024	Depart Time	924
C6	30 Jan 2024	Air Temp (C)	16
C6	30 Jan 2024	Weather	Clear
C6	30 Jan 2024	Visibility (mi)	15
C6	30 Jan 2024	Wind Speed (kts)	1
C6	30 Jan 2024	Wind Dir	320
C6	30 Jan 2024	Water Color	Blueish-Green
C6	30 Jan 2024	Wave Height Low (ft)	4
C6	30 Jan 2024	Wave Period (sec)	12
C6	30 Jan 2024	Sea State	Regular Swell
C6	30 Jan 2024	High Tide (ft)	4.11
C6	30 Jan 2024	High Tide Time	1054
C6	30 Jan 2024	Low Tide (ft)	0.67
C6	30 Jan 2024	Low Tide Time	1724
C6	30 Jan 2024	Comments	
C7	02 Jan 2024	Depth (m)	17
C7	02 Jan 2024	Arrive Time	941
C7	02 Jan 2024	Depart Time	943
C7	02 Jan 2024	Air Temp (C)	14.5

Station	Date	Parameter	Value
C7	02 Jan 2024	Weather	Clear
C7	02 Jan 2024	Visibility (mi)	11
C7	02 Jan 2024	Wind Speed (kts)	7.3
C7	02 Jan 2024	Wind Dir	SE
C7	02 Jan 2024	Water Color	Green
C7	02 Jan 2024	Wave Height Low (ft)	6
C7	02 Jan 2024	Wave Period (sec)	12
C7	02 Jan 2024	Sea State	Light Chop
C7	02 Jan 2024	High Tide (ft)	3.72
C7	02 Jan 2024	High Tide Time	148
C7	02 Jan 2024	Low Tide (ft)	1.02
C7	02 Jan 2024	Low Tide Time	1912
C7	02 Jan 2024	Comments	
C7	09 Jan 2024	Depth (m)	18
C7	09 Jan 2024	Arrive Time	929
C7	09 Jan 2024	Depart Time	934
C7	09 Jan 2024	Air Temp (C)	13.1
C7	09 Jan 2024	Weather	Clear
C7	09 Jan 2024	Visibility (mi)	10
C7	09 Jan 2024	Wind Speed (kts)	4.9
C7	09 Jan 2024	Wind Dir	SE
C7	09 Jan 2024	Water Color	Blueish-Green
C7	09 Jan 2024	Wave Height Low (ft)	4.9
C7	09 Jan 2024	Wave Period (sec)	13
C7	09 Jan 2024	Sea State	Regular Swell
C7	09 Jan 2024	High Tide (ft)	6.18
C7	09 Jan 2024	High Tide Time	642
C7	09 Jan 2024	Low Tide (ft)	-1.22
C7	09 Jan 2024	Low Tide Time	1412
C7	09 Jan 2024	Comments	
C7	17 Jan 2024	Depth (m)	18
C7	17 Jan 2024	Arrive Time	825
C7	17 Jan 2024	Depart Time	829
C7	17 Jan 2024	Air Temp (C)	13.1
C7	17 Jan 2024	Weather	Fog
C7	17 Jan 2024	Visibility (mi)	4
C7	17 Jan 2024	Wind Speed (kts)	5.5
C7	17 Jan 2024	Wind Dir	NE
C7	17 Jan 2024	Water Color	Blue
C7	17 Jan 2024	Wave Height Low (ft)	4
C7	17 Jan 2024	Wave Period (sec)	15
C7	17 Jan 2024	Sea State	Regular Swell
C7	17 Jan 2024	High Tide (ft)	4.71
C7	17 Jan 2024	High Tide Time	148
C7	17 Jan 2024	Low Tide (ft)	1.08
C7	17 Jan 2024	Low Tide Time	1936
C7	17 Jan 2024	Comments	
C7	24 Jan 2024	Depth (m)	19
C7	24 Jan 2024	Arrive Time	818
C7	24 Jan 2024	Depart Time	823
C7	24 Jan 2024	Air Temp (C)	14.1
C7	24 Jan 2024	Weather	Partly Cloudy
C7	24 Jan 2024	Visibility (mi)	11
C7	24 Jan 2024	Wind Speed (kts)	0.0
C7	24 Jan 2024	Wind Dir	N
C7	24 Jan 2024	Water Color	Blueish-Green
C7	24 Jan 2024	Wave Height Low (ft)	6.2
C7	24 Jan 2024	Wave Period (sec)	17

Station	Date	Parameter	Value
C7	24 Jan 2024	Sea State	Confused Swell
C7	24 Jan 2024	High Tide (ft)	5.93
C7	24 Jan 2024	High Tide Time	742
C7	24 Jan 2024	Low Tide (ft)	-1.05
C7	24 Jan 2024	Low Tide Time	1500
C7	24 Jan 2024	Comments	
C7	30 Jan 2024	Depth (m)	18
C7	30 Jan 2024	Arrive Time	848
C7	30 Jan 2024	Depart Time	854
C7	30 Jan 2024	Air Temp (C)	15
C7	30 Jan 2024	Weather	Clear
C7	30 Jan 2024	Visibility (mi)	15
C7	30 Jan 2024	Wind Speed (kts)	5
C7	30 Jan 2024	Wind Dir	310
C7	30 Jan 2024	Water Color	Blueish-Green
C7	30 Jan 2024	Wave Height Low (ft)	4
C7	30 Jan 2024	Wave Period (sec)	12
C7	30 Jan 2024	Sea State	Regular Swell
C7	30 Jan 2024	High Tide (ft)	4.11
C7	30 Jan 2024	High Tide Time	1054
C7	30 Jan 2024	Low Tide (ft)	0.67
C7	30 Jan 2024	Low Tide Time	1724
C7	30 Jan 2024	Comments	
C8	02 Jan 2024	Depth (m)	19
C8	02 Jan 2024	Arrive Time	952
C8	02 Jan 2024	Depart Time	957
C8	02 Jan 2024	Air Temp (C)	14.5
C8	02 Jan 2024	Weather	Clear
C8	02 Jan 2024	Visibility (mi)	11
C8	02 Jan 2024	Wind Speed (kts)	6.8
C8	02 Jan 2024	Wind Dir	E
C8	02 Jan 2024	Water Color	Green
C8	02 Jan 2024	Wave Height Low (ft)	6
C8	02 Jan 2024	Wave Period (sec)	12
C8	02 Jan 2024	Sea State	Light Chop
C8	02 Jan 2024	High Tide (ft)	3.72
C8	02 Jan 2024	High Tide Time	148
C8	02 Jan 2024	Low Tide (ft)	1.02
C8	02 Jan 2024	Low Tide Time	1912
C8	02 Jan 2024	Comments	
C8	09 Jan 2024	Depth (m)	19
C8	09 Jan 2024	Arrive Time	939
C8	09 Jan 2024	Depart Time	943
C8	09 Jan 2024	Air Temp (C)	13.0
C8	09 Jan 2024	Weather	Clear
C8	09 Jan 2024	Visibility (mi)	10
C8	09 Jan 2024	Wind Speed (kts)	3.3
C8	09 Jan 2024	Wind Dir	SE
C8	09 Jan 2024	Water Color	Blueish-Green
C8	09 Jan 2024	Wave Height Low (ft)	4.9
C8	09 Jan 2024	Wave Period (sec)	13
C8	09 Jan 2024	Sea State	Regular Swell
C8	09 Jan 2024	High Tide (ft)	6.18
C8	09 Jan 2024	High Tide Time	642
C8	09 Jan 2024	Low Tide (ft)	-1.22
C8	09 Jan 2024	Low Tide Time	1412
C8	09 Jan 2024	Comments	

Station	Date	Parameter	Value
C8	17 Jan 2024	Depth (m)	18
C8	17 Jan 2024	Arrive Time	835
C8	17 Jan 2024	Depart Time	839
C8	17 Jan 2024	Air Temp (C)	13.3
C8	17 Jan 2024	Weather	Fog
C8	17 Jan 2024	Visibility (mi)	4
C8	17 Jan 2024	Wind Speed (kts)	9.3
C8	17 Jan 2024	Wind Dir	NE
C8	17 Jan 2024	Water Color	Blue
C8	17 Jan 2024	Wave Height Low (ft)	4
C8	17 Jan 2024	Wave Period (sec)	15
C8	17 Jan 2024	Sea State	Regular Swell
C8	17 Jan 2024	High Tide (ft)	4.71
C8	17 Jan 2024	High Tide Time	148
C8	17 Jan 2024	Low Tide (ft)	1.08
C8	17 Jan 2024	Low Tide Time	1936
C8	17 Jan 2024	Comments	
C8	24 Jan 2024	Depth (m)	20
C8	24 Jan 2024	Arrive Time	835
C8	24 Jan 2024	Depart Time	837
C8	24 Jan 2024	Air Temp (C)	14.4
C8	24 Jan 2024	Weather	Partly Cloudy
C8	24 Jan 2024	Visibility (mi)	11
C8	24 Jan 2024	Wind Speed (kts)	6.3
C8	24 Jan 2024	Wind Dir	SE
C8	24 Jan 2024	Water Color	Blueish-Green
C8	24 Jan 2024	Wave Height Low (ft)	6.2
C8	24 Jan 2024	Wave Period (sec)	17
C8	24 Jan 2024	Sea State	Confused Swell
C8	24 Jan 2024	High Tide (ft)	5.93
C8	24 Jan 2024	High Tide Time	742
C8	24 Jan 2024	Low Tide (ft)	-1.05
C8	24 Jan 2024	Low Tide Time	1500
C8	24 Jan 2024	Comments	
C8	30 Jan 2024	Depth (m)	19
C8	30 Jan 2024	Arrive Time	859
C8	30 Jan 2024	Depart Time	903
C8	30 Jan 2024	Air Temp (C)	15
C8	30 Jan 2024	Weather	Clear
C8	30 Jan 2024	Visibility (mi)	15
C8	30 Jan 2024	Wind Speed (kts)	0
C8	30 Jan 2024	Wind Dir	
C8	30 Jan 2024	Water Color	Blueish-Green
C8	30 Jan 2024	Wave Height Low (ft)	4
C8	30 Jan 2024	Wave Period (sec)	12
C8	30 Jan 2024	Sea State	Regular Swell
C8	30 Jan 2024	High Tide (ft)	4.11
C8	30 Jan 2024	High Tide Time	1054
C8	30 Jan 2024	Low Tide (ft)	0.67
C8	30 Jan 2024	Low Tide Time	1724
C8	30 Jan 2024	Comments	

Table 3.10

Summary of CTD profile data from the PLOO kelp stations for each sample date.

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	02 Jan 2024	1	16.36	88.04	7.5	33.26	8.1	24.3	0.71
A1	02 Jan 2024	2	16.37	88.06	7.5	33.26	8.1	24.3	0.73
A1	02 Jan 2024	3	16.36	88.24	7.5	33.27	8.1	24.3	0.76
A1	02 Jan 2024	4	16.36	88.19	7.5	33.27	8.0	24.3	0.79
A1	02 Jan 2024	5	16.36	87.87	7.5	33.27	8.0	24.3	0.82
A1	02 Jan 2024	6	16.36	87.87	7.5	33.27	8.0	24.3	0.78
A1	02 Jan 2024	7	16.36	88.00	7.5	33.27	8.1	24.3	0.76
A1	02 Jan 2024	8	16.36	88.14	7.5	33.27	8.1	24.3	0.85
A1	02 Jan 2024	9	16.36	88.11	7.5	33.27	8.1	24.3	0.82
A1	02 Jan 2024	10	16.37	88.18	7.6	33.27	8.1	24.3	0.84
A1	02 Jan 2024	11	16.35	88.26	7.6	33.26	8.1	24.3	0.82
A1	02 Jan 2024	12	16.34	88.45	7.5	33.26	8.1	24.3	0.79
A1	02 Jan 2024	13	16.33	88.79	7.5	33.26	8.1	24.3	0.73
A1	02 Jan 2024	14	16.33	89.43	7.5	33.26	8.1	24.3	0.72
A1	02 Jan 2024	15	16.32	89.61	7.5	33.26	8.1	24.3	0.64
A1	02 Jan 2024	16	16.33	89.73	7.5	33.26	8.1	24.3	0.67
A1	02 Jan 2024	17	16.34	89.57	7.6	33.26	8.1	24.3	0.67
A1	02 Jan 2024	18	16.34	89.60	7.5	33.26	8.1	24.3	0.66
A1	02 Jan 2024	19	16.33	89.65	7.5	33.26	8.1	24.3	0.67
A1	09 Jan 2024	1	14.23	81.68	7.2	33.28	8.0	24.8	0.62
A1	09 Jan 2024	2	14.24	81.29	7.2	33.28	8.0	24.8	0.63
A1	09 Jan 2024	3	14.25	81.14	7.2	33.28	8.0	24.8	0.66
A1	09 Jan 2024	4	14.25	81.37	7.2	33.28	8.0	24.8	0.73
A1	09 Jan 2024	5	14.24	81.12	7.2	33.28	8.0	24.8	0.77
A1	09 Jan 2024	6	14.25	81.33	7.2	33.28	8.0	24.8	0.80
A1	09 Jan 2024	7	14.27	81.18	7.2	33.28	8.0	24.8	0.83
A1	09 Jan 2024	8	14.27	81.57	7.2	33.28	8.0	24.8	0.90
A1	09 Jan 2024	9	14.27	81.98	7.2	33.28	8.0	24.8	0.89
A1	09 Jan 2024	10	14.27	81.51	7.2	33.28	8.0	24.8	0.91
A1	09 Jan 2024	11	14.27	81.85	7.2	33.28	8.0	24.8	0.93
A1	09 Jan 2024	12	14.27	81.92	7.2	33.28	8.0	24.8	0.93
A1	09 Jan 2024	13	14.22	82.19	7.2	33.28	8.0	24.8	0.89
A1	09 Jan 2024	14	14.18	82.71	7.2	33.28	8.0	24.8	0.87
A1	09 Jan 2024	15	14.10	83.30	7.1	33.28	8.0	24.8	0.84
A1	09 Jan 2024	16	14.08	84.62	7.0	33.27	8.0	24.8	0.79
A1	09 Jan 2024	17	13.79	85.28	6.7	33.28	8.0	24.9	0.69
A1	09 Jan 2024	18	13.22	86.71	6.4	33.31	7.9	25.0	0.57
A1	17 Jan 2024	1	14.86	89.14	8.8	33.24	8.1	24.6	2.70
A1	17 Jan 2024	2	14.86	88.79	8.8	33.24	8.1	24.6	2.97
A1	17 Jan 2024	3	14.85	88.68	8.8	33.24	8.1	24.7	3.16
A1	17 Jan 2024	4	14.85	88.46	8.8	33.24	8.1	24.7	3.40
A1	17 Jan 2024	5	14.84	88.58	8.8	33.24	8.1	24.7	3.32
A1	17 Jan 2024	6	14.82	88.58	8.7	33.24	8.1	24.7	3.41
A1	17 Jan 2024	7	14.79	88.57	8.7	33.24	8.1	24.7	3.60
A1	17 Jan 2024	8	14.73	88.58	8.6	33.24	8.1	24.7	3.67
A1	17 Jan 2024	9	14.76	88.63	8.6	33.24	8.1	24.7	3.86
A1	17 Jan 2024	10	14.75	88.37	8.6	33.24	8.1	24.7	3.71
A1	17 Jan 2024	11	14.63	88.37	8.4	33.23	8.1	24.7	3.67
A1	17 Jan 2024	12	14.43	88.62	8.3	33.24	8.1	24.7	3.27
A1	17 Jan 2024	13	14.39	89.27	8.2	33.23	8.1	24.7	2.90
A1	17 Jan 2024	14	14.31	89.90	8.1	33.24	8.1	24.8	2.62
A1	17 Jan 2024	15	14.12	90.34	7.8	33.23	8.0	24.8	2.25
A1	17 Jan 2024	16	13.90	91.84	7.5	33.25	8.0	24.9	1.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A1	17 Jan 2024	17	13.82	93.04	7.3	33.26	8.0	24.9	1.29
A1	17 Jan 2024	18	13.76	93.30	7.2	33.27	8.0	24.9	1.02
A1	24 Jan 2024	1	14.94	79.41	8.5	33.03	8.1	24.5	2.88
A1	24 Jan 2024	2	14.93	78.55	8.4	33.03	8.1	24.5	2.97
A1	24 Jan 2024	3	14.88	79.91	8.4	33.06	8.1	24.5	2.84
A1	24 Jan 2024	4	14.87	81.23	8.3	33.07	8.1	24.5	2.74
A1	24 Jan 2024	5	14.86	81.04	8.3	33.08	8.1	24.5	2.69
A1	24 Jan 2024	6	14.86	81.07	8.3	33.08	8.1	24.5	2.75
A1	24 Jan 2024	7	14.85	81.11	8.3	33.08	8.1	24.5	2.64
A1	24 Jan 2024	8	14.85	81.32	8.3	33.08	8.1	24.5	2.60
A1	24 Jan 2024	9	14.84	81.47	8.3	33.08	8.1	24.5	2.61
A1	24 Jan 2024	10	14.84	80.92	8.3	33.08	8.1	24.5	2.47
A1	24 Jan 2024	11	14.82	80.76	8.2	33.08	8.1	24.5	2.53
A1	24 Jan 2024	12	14.82	80.26	8.2	33.08	8.1	24.5	2.37
A1	24 Jan 2024	13	14.81	80.01	8.2	33.08	8.1	24.5	2.31
A1	24 Jan 2024	14	14.81	79.80	8.2	33.08	8.1	24.5	2.26
A1	24 Jan 2024	15	14.81	80.22	8.2	33.08	8.1	24.5	2.26
A1	24 Jan 2024	16	14.79	80.12	8.1	33.08	8.1	24.5	2.01
A1	24 Jan 2024	17	14.79	77.27	8.0	33.09	8.1	24.5	1.81
A1	24 Jan 2024	18	14.78	72.91	8.0	33.09	8.1	24.5	1.62
A1	24 Jan 2024	19	14.78	71.42	7.9	33.09	8.1	24.5	1.51
A1	24 Jan 2024	20	14.77	70.47	7.9	33.09	8.1	24.6	1.47
A1	30 Jan 2024	1	14.98	82.13	8.2	33.06	8.0	24.5	2.09
A1	30 Jan 2024	2	14.98	82.07	8.2	33.07	8.0	24.5	2.33
A1	30 Jan 2024	3	14.99	82.36	8.2	33.09	8.0	24.5	2.66
A1	30 Jan 2024	4	14.99	82.95	8.2	33.09	8.0	24.5	2.76
A1	30 Jan 2024	5	14.99	83.27	8.1	33.10	8.0	24.5	2.73
A1	30 Jan 2024	6	14.99	83.58	8.1	33.10	8.0	24.5	2.70
A1	30 Jan 2024	7	14.99	83.82	8.1	33.10	8.0	24.5	2.67
A1	30 Jan 2024	8	14.99	83.93	8.1	33.10	8.0	24.5	2.67
A1	30 Jan 2024	9	14.99	84.09	8.1	33.10	8.0	24.5	2.71
A1	30 Jan 2024	10	14.99	83.85	8.1	33.10	8.0	24.5	2.72
A1	30 Jan 2024	11	14.98	83.86	8.1	33.10	8.0	24.5	2.55
A1	30 Jan 2024	12	14.99	84.11	8.1	33.10	8.0	24.5	2.63
A1	30 Jan 2024	13	14.99	84.20	8.0	33.10	8.0	24.5	2.57
A1	30 Jan 2024	14	14.99	84.67	8.0	33.11	8.0	24.5	2.35
A1	30 Jan 2024	15	14.99	85.31	7.9	33.11	8.0	24.5	2.20
A1	30 Jan 2024	16	14.87	86.25	7.6	33.15	8.0	24.6	1.71
A1	30 Jan 2024	17	14.78	87.90	7.4	33.17	8.0	24.6	1.32
A1	30 Jan 2024	18	14.73	88.77	7.3	33.18	8.0	24.6	1.08
A6	02 Jan 2024	1	16.56	96.09	8.1	33.25	8.1	24.3	0.43
A6	02 Jan 2024	2	16.55	96.12	8.1	33.25	8.1	24.3	0.42
A6	02 Jan 2024	3	16.54	96.06	8.1	33.25	8.1	24.3	0.45
A6	02 Jan 2024	4	16.54	95.80	8.1	33.25	8.1	24.3	0.49
A6	02 Jan 2024	5	16.53	95.49	8.1	33.25	8.1	24.3	0.53
A6	02 Jan 2024	6	16.50	95.30	8.0	33.25	8.1	24.3	0.57
A6	02 Jan 2024	7	16.50	94.71	8.0	33.25	8.1	24.3	0.61
A6	02 Jan 2024	8	16.48	94.71	7.9	33.25	8.1	24.3	0.68
A6	02 Jan 2024	9	16.43	94.63	7.9	33.25	8.1	24.3	0.64
A6	02 Jan 2024	10	16.36	93.88	7.8	33.25	8.1	24.3	0.71
A6	02 Jan 2024	11	16.34	93.10	7.8	33.25	8.1	24.3	0.65
A6	02 Jan 2024	12	16.32	92.49	7.8	33.25	8.1	24.3	0.67
A6	02 Jan 2024	13	16.15	91.40	7.6	33.26	8.1	24.4	0.67
A6	02 Jan 2024	14	15.86	89.58	7.3	33.26	8.1	24.4	0.64
A6	02 Jan 2024	15	15.55	85.07	7.1	33.25	8.1	24.5	0.62
A6	02 Jan 2024	16	15.54	81.68	7.1	33.25	8.0	24.5	0.60
A6	02 Jan 2024	17	15.54	81.26	7.1	33.24	8.0	24.5	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	09 Jan 2024	1	14.26	80.83	7.2	33.28	8.0	24.8	0.64
A6	09 Jan 2024	2	14.26	80.64	7.2	33.28	8.0	24.8	0.62
A6	09 Jan 2024	3	14.26	80.94	7.2	33.28	8.0	24.8	0.66
A6	09 Jan 2024	4	14.26	80.87	7.2	33.28	8.0	24.8	0.65
A6	09 Jan 2024	5	14.26	80.57	7.2	33.28	8.0	24.8	0.71
A6	09 Jan 2024	6	14.26	80.71	7.2	33.28	8.0	24.8	0.81
A6	09 Jan 2024	7	14.26	81.13	7.1	33.28	8.0	24.8	0.87
A6	09 Jan 2024	8	14.25	80.45	7.1	33.28	8.0	24.8	0.85
A6	09 Jan 2024	9	14.25	80.82	7.1	33.28	8.0	24.8	0.92
A6	09 Jan 2024	10	14.25	81.10	7.1	33.28	8.0	24.8	0.93
A6	09 Jan 2024	11	14.25	81.45	7.1	33.28	8.0	24.8	1.00
A6	09 Jan 2024	12	14.25	81.71	7.1	33.28	8.0	24.8	1.00
A6	09 Jan 2024	13	14.22	81.75	7.1	33.28	8.0	24.8	0.92
A6	09 Jan 2024	14	14.21	82.38	7.1	33.28	8.0	24.8	0.90
A6	09 Jan 2024	15	14.19	83.48	7.0	33.28	8.0	24.8	0.93
A6	09 Jan 2024	16	14.11	83.53	6.9	33.28	8.0	24.8	0.83
A6	09 Jan 2024	17	14.05	84.57	6.9	33.28	8.0	24.9	0.76
A6	09 Jan 2024	18	13.87	85.20	6.7	33.30	8.0	24.9	0.68
A6	09 Jan 2024	19	13.69	85.07	6.5	33.30	7.9	24.9	0.65
A6	17 Jan 2024	1	14.87	88.93	8.9	33.25	8.1	24.6	2.76
A6	17 Jan 2024	2	14.86	88.80	8.9	33.25	8.1	24.6	2.87
A6	17 Jan 2024	3	14.85	88.36	8.8	33.24	8.1	24.7	3.07
A6	17 Jan 2024	4	14.83	88.36	8.8	33.24	8.1	24.7	3.19
A6	17 Jan 2024	5	14.76	88.96	8.6	33.24	8.1	24.7	3.27
A6	17 Jan 2024	6	14.67	89.10	8.5	33.24	8.1	24.7	3.64
A6	17 Jan 2024	7	14.67	89.28	8.4	33.24	8.1	24.7	3.77
A6	17 Jan 2024	8	14.66	88.97	8.4	33.24	8.1	24.7	3.77
A6	17 Jan 2024	9	14.67	88.99	8.5	33.24	8.1	24.7	3.66
A6	17 Jan 2024	10	14.67	89.14	8.5	33.24	8.1	24.7	3.83
A6	17 Jan 2024	11	14.66	87.35	8.6	33.24	8.1	24.7	3.80
A6	17 Jan 2024	12	14.65	88.16	8.6	33.24	8.1	24.7	3.77
A6	17 Jan 2024	13	14.62	88.45	8.5	33.24	8.1	24.7	3.54
A6	17 Jan 2024	14	14.58	88.59	8.5	33.24	8.1	24.7	3.40
A6	17 Jan 2024	15	14.52	88.66	8.4	33.24	8.1	24.7	3.17
A6	17 Jan 2024	16	14.41	89.57	8.2	33.24	8.1	24.7	2.59
A6	17 Jan 2024	17	14.38	90.68	8.1	33.24	8.1	24.8	2.14
A6	17 Jan 2024	18	14.27	91.21	8.0	33.25	8.0	24.8	1.81
A6	17 Jan 2024	19	14.21	91.66	7.9	33.25	8.0	24.8	1.48
A6	24 Jan 2024	1	15.24	70.51	8.1	32.87	8.1	24.3	1.73
A6	24 Jan 2024	2	15.16	70.57	8.1	32.93	8.1	24.3	1.78
A6	24 Jan 2024	3	15.08	73.37	8.2	32.98	8.1	24.4	1.80
A6	24 Jan 2024	4	15.04	77.98	8.2	32.99	8.1	24.4	1.91
A6	24 Jan 2024	5	15.00	80.16	8.2	33.01	8.1	24.4	1.97
A6	24 Jan 2024	6	14.99	81.27	8.2	33.01	8.1	24.4	1.88
A6	24 Jan 2024	7	14.90	81.77	8.2	33.06	8.1	24.5	1.92
A6	24 Jan 2024	8	14.85	85.18	8.2	33.09	8.1	24.5	1.98
A6	24 Jan 2024	9	14.83	87.32	8.2	33.11	8.1	24.5	2.02
A6	24 Jan 2024	10	14.83	87.61	8.2	33.13	8.1	24.6	2.05
A6	24 Jan 2024	11	14.83	88.02	8.3	33.14	8.1	24.6	2.01
A6	24 Jan 2024	12	14.84	88.32	8.3	33.14	8.1	24.6	2.16
A6	24 Jan 2024	13	14.84	88.69	8.3	33.15	8.1	24.6	2.05
A6	24 Jan 2024	14	14.84	89.31	8.2	33.15	8.1	24.6	2.00
A6	24 Jan 2024	15	14.84	89.53	8.2	33.15	8.1	24.6	2.02
A6	24 Jan 2024	16	14.84	89.55	8.3	33.15	8.1	24.6	1.99
A6	24 Jan 2024	17	14.83	89.48	8.2	33.16	8.1	24.6	1.98
A6	24 Jan 2024	18	14.83	89.15	8.2	33.16	8.1	24.6	1.86
A6	24 Jan 2024	19	14.83	89.01	8.2	33.16	8.1	24.6	1.81
A6	24 Jan 2024	20	14.82	89.13	8.2	33.16	8.1	24.6	1.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A6	30 Jan 2024	1	15.41	87.80	8.6	33.08	8.1	24.4	1.38
A6	30 Jan 2024	2	15.31	87.52	8.5	33.06	8.1	24.4	1.69
A6	30 Jan 2024	3	15.20	85.82	8.5	33.05	8.1	24.4	2.30
A6	30 Jan 2024	4	15.18	84.90	8.5	33.05	8.1	24.4	2.82
A6	30 Jan 2024	5	15.13	85.17	8.4	33.05	8.1	24.4	2.94
A6	30 Jan 2024	6	15.12	85.73	8.3	33.06	8.1	24.4	2.94
A6	30 Jan 2024	7	15.10	86.18	8.3	33.06	8.1	24.5	2.89
A6	30 Jan 2024	8	15.10	86.45	8.3	33.06	8.1	24.5	2.79
A6	30 Jan 2024	9	15.08	86.76	8.2	33.07	8.1	24.5	2.67
A6	30 Jan 2024	10	15.06	87.36	8.1	33.08	8.1	24.5	2.45
A6	30 Jan 2024	11	14.97	88.26	7.9	33.11	8.0	24.5	2.16
A6	30 Jan 2024	12	14.90	89.16	7.8	33.13	8.0	24.6	1.76
A6	30 Jan 2024	13	14.85	89.74	7.7	33.14	8.0	24.6	1.56
A6	30 Jan 2024	14	14.77	90.13	7.6	33.16	8.0	24.6	1.35
A6	30 Jan 2024	15	14.70	90.54	7.4	33.18	8.0	24.6	1.22
A6	30 Jan 2024	16	14.67	90.54	7.4	33.18	8.0	24.6	1.10
A6	30 Jan 2024	17	14.67	90.58	7.4	33.19	8.0	24.6	1.03
A7	02 Jan 2024	1	16.40	91.87	7.8	33.26	8.1	24.3	0.82
A7	02 Jan 2024	2	16.40	92.02	7.8	33.26	8.1	24.3	0.81
A7	02 Jan 2024	3	16.40	92.05	7.8	33.26	8.1	24.3	0.84
A7	02 Jan 2024	4	16.41	92.10	7.8	33.26	8.1	24.3	0.85
A7	02 Jan 2024	5	16.41	92.12	7.8	33.26	8.1	24.3	0.89
A7	02 Jan 2024	6	16.41	92.15	7.8	33.26	8.1	24.3	0.82
A7	02 Jan 2024	7	16.41	92.17	7.8	33.26	8.1	24.3	0.87
A7	02 Jan 2024	8	16.40	92.13	7.8	33.26	8.1	24.3	0.87
A7	02 Jan 2024	9	16.40	92.18	7.8	33.26	8.1	24.3	0.79
A7	02 Jan 2024	10	16.40	92.28	7.8	33.26	8.1	24.3	0.82
A7	02 Jan 2024	11	16.40	92.12	7.8	33.26	8.1	24.3	0.89
A7	02 Jan 2024	12	16.40	92.14	7.8	33.26	8.1	24.3	0.84
A7	02 Jan 2024	13	16.40	92.12	7.8	33.26	8.1	24.3	0.92
A7	02 Jan 2024	14	16.40	91.84	7.8	33.26	8.1	24.3	0.87
A7	02 Jan 2024	15	16.39	92.20	7.8	33.26	8.1	24.3	0.85
A7	02 Jan 2024	16	16.39	92.17	7.8	33.26	8.1	24.3	0.81
A7	02 Jan 2024	17	16.39	92.18	7.8	33.26	8.1	24.3	0.80
A7	02 Jan 2024	18	16.39	92.01	7.8	33.26	8.1	24.3	0.80
A7	02 Jan 2024	19	16.39	91.63	7.8	33.26	8.1	24.3	0.78
A7	09 Jan 2024	1	14.43	81.86	7.4	33.28	8.0	24.8	0.89
A7	09 Jan 2024	2	14.43	81.50	7.4	33.28	8.0	24.8	0.91
A7	09 Jan 2024	3	14.43	81.72	7.4	33.28	8.0	24.8	1.00
A7	09 Jan 2024	4	14.43	81.41	7.4	33.28	8.0	24.8	1.02
A7	09 Jan 2024	5	14.42	80.33	7.4	33.28	8.0	24.8	1.06
A7	09 Jan 2024	6	14.41	81.46	7.3	33.28	8.0	24.8	1.08
A7	09 Jan 2024	7	14.40	81.91	7.3	33.28	8.0	24.8	1.08
A7	09 Jan 2024	8	14.37	81.99	7.3	33.27	8.0	24.8	1.00
A7	09 Jan 2024	9	14.35	82.31	7.3	33.27	8.0	24.8	1.01
A7	09 Jan 2024	10	14.33	82.62	7.3	33.27	8.0	24.8	1.03
A7	09 Jan 2024	11	14.33	83.19	7.2	33.27	8.0	24.8	0.97
A7	09 Jan 2024	12	14.29	83.35	7.2	33.27	8.0	24.8	0.95
A7	09 Jan 2024	13	14.14	83.57	7.1	33.28	8.0	24.8	0.84
A7	09 Jan 2024	14	14.11	84.79	7.0	33.27	8.0	24.8	0.77
A7	09 Jan 2024	15	14.00	85.31	6.9	33.28	8.0	24.9	0.73
A7	09 Jan 2024	16	13.85	85.38	6.8	33.29	8.0	24.9	0.69
A7	09 Jan 2024	17	13.76	85.56	6.6	33.29	8.0	24.9	0.60
A7	09 Jan 2024	18	13.55	86.16	6.6	33.30	7.9	25.0	0.56
A7	09 Jan 2024	19	13.61	86.71	6.6	33.29	7.9	24.9	0.49
A7	17 Jan 2024	1	14.79	89.64	8.6	33.24	8.1	24.7	2.61
A7	17 Jan 2024	2	14.75	89.42	8.5	33.24	8.1	24.7	2.83
A7	17 Jan 2024	3	14.70	89.68	8.4	33.23	8.1	24.7	3.00

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
A7	17 Jan 2024	4	14.68	90.17	8.3	33.23	8.1	24.7	2.94
A7	17 Jan 2024	5	14.67	90.51	8.3	33.23	8.1	24.7	3.20
A7	17 Jan 2024	6	14.66	90.78	8.2	33.23	8.1	24.7	3.18
A7	17 Jan 2024	7	14.65	90.68	8.3	33.23	8.1	24.7	3.55
A7	17 Jan 2024	8	14.65	90.29	8.3	33.23	8.1	24.7	3.34
A7	17 Jan 2024	9	14.64	90.17	8.3	33.23	8.1	24.7	3.56
A7	17 Jan 2024	10	14.61	89.73	8.4	33.24	8.1	24.7	3.58
A7	17 Jan 2024	11	14.55	89.48	8.3	33.24	8.1	24.7	3.18
A7	17 Jan 2024	12	14.45	89.77	8.2	33.24	8.1	24.7	2.98
A7	17 Jan 2024	13	14.44	90.08	8.2	33.24	8.1	24.7	2.74
A7	17 Jan 2024	14	14.45	90.00	8.2	33.24	8.1	24.7	2.69
A7	17 Jan 2024	15	14.45	90.05	8.2	33.24	8.1	24.7	2.69
A7	17 Jan 2024	16	14.41	89.99	8.1	33.24	8.1	24.7	2.64
A7	17 Jan 2024	17	14.17	90.86	7.8	33.25	8.0	24.8	2.19
A7	17 Jan 2024	18	14.10	92.20	7.8	33.25	8.0	24.8	1.69
A7	24 Jan 2024	1	14.82	70.93	8.1	32.96	8.1	24.4	2.32
A7	24 Jan 2024	2	14.82	70.09	8.0	32.97	8.1	24.4	2.34
A7	24 Jan 2024	3	14.81	71.59	8.0	32.97	8.1	24.4	2.43
A7	24 Jan 2024	4	14.80	73.83	8.0	32.98	8.1	24.5	2.63
A7	24 Jan 2024	5	14.83	75.80	8.0	32.97	8.1	24.4	2.61
A7	24 Jan 2024	6	14.81	76.11	8.0	32.98	8.1	24.5	2.50
A7	24 Jan 2024	7	14.80	76.34	8.0	32.98	8.1	24.5	2.38
A7	24 Jan 2024	8	14.79	76.13	8.0	32.99	8.1	24.5	2.18
A7	24 Jan 2024	9	14.80	75.90	8.0	33.00	8.1	24.5	2.11
A7	24 Jan 2024	10	14.80	76.32	8.0	33.00	8.1	24.5	2.02
A7	24 Jan 2024	11	14.80	76.31	7.9	33.01	8.1	24.5	1.80
A7	24 Jan 2024	12	14.81	76.21	7.9	33.02	8.1	24.5	1.63
A7	24 Jan 2024	13	14.81	75.73	7.9	33.02	8.1	24.5	1.54
A7	24 Jan 2024	14	14.81	75.47	7.9	33.02	8.1	24.5	1.44
A7	24 Jan 2024	15	14.81	76.04	7.9	33.02	8.1	24.5	1.43
A7	24 Jan 2024	16	14.81	75.87	7.9	33.02	8.1	24.5	1.44
A7	24 Jan 2024	17	14.81	75.37	7.8	33.02	8.1	24.5	1.44
A7	24 Jan 2024	18	14.81	75.62	7.8	33.01	8.1	24.5	1.43
A7	24 Jan 2024	19	14.81	75.98	7.9	33.01	8.1	24.5	1.46
A7	30 Jan 2024	1	15.19	85.02	8.6	33.05	8.1	24.4	2.46
A7	30 Jan 2024	2	15.18	84.95	8.6	33.05	8.1	24.4	2.72
A7	30 Jan 2024	3	15.17	84.44	8.6	33.05	8.1	24.4	3.07
A7	30 Jan 2024	4	15.16	84.32	8.6	33.05	8.1	24.4	3.30
A7	30 Jan 2024	5	15.16	84.22	8.6	33.05	8.1	24.4	3.51
A7	30 Jan 2024	6	15.15	84.16	8.6	33.05	8.1	24.4	3.47
A7	30 Jan 2024	7	15.16	84.18	8.6	33.05	8.1	24.4	3.49
A7	30 Jan 2024	8	15.15	84.16	8.6	33.05	8.1	24.4	3.58
A7	30 Jan 2024	9	15.12	83.93	8.5	33.05	8.1	24.4	3.54
A7	30 Jan 2024	10	15.10	83.93	8.4	33.07	8.1	24.5	3.32
A7	30 Jan 2024	11	15.04	85.08	8.2	33.09	8.1	24.5	2.89
A7	30 Jan 2024	12	14.96	86.91	8.1	33.10	8.1	24.5	2.47
A7	30 Jan 2024	13	14.94	87.55	8.0	33.10	8.0	24.5	2.24
A7	30 Jan 2024	14	14.95	87.61	8.0	33.10	8.0	24.5	2.18
A7	30 Jan 2024	15	14.95	87.66	8.0	33.10	8.0	24.5	2.11
A7	30 Jan 2024	16	14.94	87.79	8.0	33.10	8.0	24.5	2.11
A7	30 Jan 2024	17	14.94	87.71	8.0	33.10	8.0	24.5	2.09
A7	30 Jan 2024	18	14.94	87.59	8.0	33.10	8.0	24.5	2.10
A7	30 Jan 2024	19	14.94	87.57	8.0	33.10	8.0	24.5	2.02
A7	30 Jan 2024	20	14.94	87.57	7.9	33.10	8.0	24.5	1.93
C4	02 Jan 2024	1	16.27	85.04	7.6	33.27	8.1	24.4	0.29
C4	02 Jan 2024	2	16.27	84.75	7.6	33.27	8.1	24.4	0.28
C4	02 Jan 2024	3	16.27	84.68	7.6	33.27	8.1	24.4	0.28
C4	02 Jan 2024	4	16.26	84.20	7.7	33.27	8.1	24.4	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C4	02 Jan 2024	5	16.25	83.76	7.6	33.27	8.1	24.4	0.37
C4	02 Jan 2024	6	16.25	83.27	7.7	33.27	8.1	24.4	0.40
C4	02 Jan 2024	7	16.25	82.74	7.6	33.27	8.1	24.4	0.41
C4	02 Jan 2024	8	16.25	82.72	7.6	33.27	8.1	24.4	0.44
C4	02 Jan 2024	9	16.25	82.28	7.6	33.27	8.1	24.4	0.43
C4	02 Jan 2024	10	16.25	81.47	7.6	33.27	8.1	24.4	0.42
C4	02 Jan 2024	11	16.25	80.83	7.6	33.27	8.1	24.4	0.39
C4	09 Jan 2024	1	14.47	79.30	7.4	33.28	8.0	24.8	0.51
C4	09 Jan 2024	2	14.47	78.74	7.4	33.28	8.0	24.8	0.54
C4	09 Jan 2024	3	14.47	79.16	7.4	33.28	8.0	24.8	0.58
C4	09 Jan 2024	4	14.45	78.61	7.4	33.28	8.0	24.8	0.65
C4	09 Jan 2024	5	14.45	78.54	7.4	33.28	8.0	24.8	0.73
C4	09 Jan 2024	6	14.45	78.08	7.4	33.28	8.0	24.8	0.78
C4	09 Jan 2024	7	14.45	78.30	7.3	33.28	8.0	24.8	0.80
C4	09 Jan 2024	8	14.45	77.36	7.3	33.28	8.0	24.8	0.81
C4	09 Jan 2024	9	14.45	77.63	7.3	33.28	8.0	24.8	0.79
C4	09 Jan 2024	10	14.45	77.12	7.3	33.28	8.0	24.8	0.77
C4	17 Jan 2024	1	14.35	85.24	7.9	33.25	8.0	24.8	1.01
C4	17 Jan 2024	2	14.35	84.90	7.9	33.25	8.0	24.8	1.06
C4	17 Jan 2024	3	14.35	84.71	7.9	33.25	8.0	24.8	1.02
C4	17 Jan 2024	4	14.34	84.37	7.9	33.25	8.0	24.8	1.15
C4	17 Jan 2024	5	14.32	85.07	7.9	33.25	8.0	24.8	1.27
C4	17 Jan 2024	6	14.27	86.47	7.7	33.25	8.0	24.8	1.41
C4	17 Jan 2024	7	14.13	88.91	7.5	33.26	8.0	24.8	1.19
C4	17 Jan 2024	8	14.09	89.95	7.2	33.26	8.0	24.8	0.87
C4	17 Jan 2024	9	14.07	90.97	7.1	33.26	8.0	24.8	0.74
C4	17 Jan 2024	10	14.07	89.91	7.0	33.26	8.0	24.8	0.64
C4	24 Jan 2024	1	14.92	72.18	8.2	32.93	8.1	24.4	2.29
C4	24 Jan 2024	2	14.91	71.70	8.2	32.94	8.1	24.4	2.37
C4	24 Jan 2024	3	14.90	71.69	8.2	32.94	8.1	24.4	2.53
C4	24 Jan 2024	4	14.90	71.17	8.2	32.95	8.1	24.4	2.59
C4	24 Jan 2024	5	14.89	70.49	8.2	32.95	8.1	24.4	2.49
C4	24 Jan 2024	6	14.89	67.72	8.1	32.96	8.1	24.4	2.21
C4	24 Jan 2024	7	14.87	62.63	8.0	32.98	8.1	24.4	2.08
C4	24 Jan 2024	8	14.86	58.51	8.0	32.98	8.1	24.4	1.70
C4	24 Jan 2024	9	14.86	55.11	7.9	32.99	8.1	24.5	1.56
C4	24 Jan 2024	10	14.84	49.46	7.8	33.00	8.1	24.5	1.34
C4	24 Jan 2024	11	14.84	48.52	7.8	33.00	8.1	24.5	1.25
C4	30 Jan 2024	1	15.14	77.97	8.4	33.05	8.1	24.4	1.81
C4	30 Jan 2024	2	15.09	77.72	8.4	33.05	8.1	24.5	2.40
C4	30 Jan 2024	3	15.01	77.84	8.1	33.08	8.1	24.5	2.60
C4	30 Jan 2024	4	14.95	81.95	7.7	33.11	8.0	24.5	1.96
C4	30 Jan 2024	5	14.91	85.25	7.6	33.12	8.0	24.5	1.73
C4	30 Jan 2024	6	14.88	85.95	7.5	33.12	8.0	24.5	1.56
C4	30 Jan 2024	7	14.85	86.11	7.4	33.12	8.0	24.6	1.41
C4	30 Jan 2024	8	14.83	85.95	7.4	33.13	8.0	24.6	1.34
C4	30 Jan 2024	9	14.77	85.88	7.1	33.13	8.0	24.6	1.13
C4	30 Jan 2024	10	14.73	83.12	6.9	33.13	8.0	24.6	0.85
C4	30 Jan 2024	11	14.72	80.31	6.9	33.13	8.0	24.6	0.73
C5	02 Jan 2024	1	16.12	66.17	7.6	33.30	8.0	24.4	0.26
C5	02 Jan 2024	2	16.11	63.64	7.6	33.30	8.0	24.4	0.27
C5	02 Jan 2024	3	16.09	66.01	7.6	33.30	8.0	24.4	0.30
C5	02 Jan 2024	4	16.07	64.23	7.7	33.30	8.0	24.4	0.33
C5	02 Jan 2024	5	16.05	63.16	7.7	33.30	8.0	24.4	0.34
C5	02 Jan 2024	6	16.04	61.26	7.7	33.30	8.0	24.4	0.35
C5	02 Jan 2024	7	16.04	60.75	7.7	33.30	8.0	24.4	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C5	02 Jan 2024	8	16.03	60.31	7.7	33.30	8.0	24.4	0.33
C5	02 Jan 2024	9	16.04	59.82	7.7	33.30	8.0	24.4	0.35
C5	02 Jan 2024	10	16.04	58.52	7.7	33.30	8.0	24.4	0.35
C5	09 Jan 2024	1	14.36	69.02	7.6	33.28	8.0	24.8	0.65
C5	09 Jan 2024	2	14.36	68.42	7.5	33.28	8.0	24.8	0.68
C5	09 Jan 2024	3	14.34	67.78	7.5	33.28	8.0	24.8	0.81
C5	09 Jan 2024	4	14.32	67.60	7.6	33.28	8.0	24.8	0.89
C5	09 Jan 2024	5	14.28	66.21	7.6	33.28	8.0	24.8	0.85
C5	09 Jan 2024	6	14.24	62.88	7.7	33.28	8.0	24.8	0.78
C5	09 Jan 2024	7	14.20	59.27	7.4	33.28	8.0	24.8	0.72
C5	09 Jan 2024	8	13.88	53.25	6.8	33.29	8.0	24.9	0.65
C5	09 Jan 2024	9	13.74	52.90	6.5	33.28	7.9	24.9	0.61
C5	17 Jan 2024	1	14.24	87.84	7.8	33.25	8.0	24.8	0.74
C5	17 Jan 2024	2	14.24	87.72	7.8	33.26	8.0	24.8	0.80
C5	17 Jan 2024	3	14.24	87.49	7.8	33.26	8.0	24.8	0.78
C5	17 Jan 2024	4	14.24	87.63	7.8	33.25	8.0	24.8	0.83
C5	17 Jan 2024	5	14.20	87.95	7.7	33.25	8.0	24.8	0.95
C5	17 Jan 2024	6	14.15	88.60	7.6	33.26	8.0	24.8	0.85
C5	17 Jan 2024	7	14.14	88.83	7.5	33.26	8.0	24.8	0.74
C5	17 Jan 2024	8	13.88	88.42	7.2	33.27	8.0	24.9	0.75
C5	17 Jan 2024	9	13.81	87.67	7.0	33.28	8.0	24.9	0.73
C5	24 Jan 2024	1	15.20	60.89	7.8	32.89	8.1	24.3	0.60
C5	24 Jan 2024	2	15.12	56.37	7.7	32.96	8.1	24.4	0.64
C5	24 Jan 2024	3	15.00	56.26	7.6	33.05	8.0	24.5	0.61
C5	24 Jan 2024	4	14.95	63.56	7.6	33.06	8.1	24.5	0.64
C5	24 Jan 2024	5	14.92	70.04	7.7	33.05	8.1	24.5	0.75
C5	24 Jan 2024	6	14.90	71.31	7.7	33.06	8.1	24.5	0.79
C5	24 Jan 2024	7	14.89	73.62	7.7	33.07	8.1	24.5	0.73
C5	24 Jan 2024	8	14.86	75.43	7.6	33.09	8.1	24.5	0.66
C5	24 Jan 2024	9	14.83	76.94	7.5	33.11	8.1	24.6	0.57
C5	24 Jan 2024	10	14.82	71.14	7.4	33.12	8.1	24.6	0.56
C5	24 Jan 2024	11	14.82	68.26	7.4	33.12	8.1	24.6	0.54
C5	30 Jan 2024	1	15.15	77.22	8.7	33.02	8.1	24.4	2.87
C5	30 Jan 2024	2	15.15	77.33	8.7	33.02	8.1	24.4	2.91
C5	30 Jan 2024	3	15.08	76.51	8.6	33.02	8.1	24.4	4.28
C5	30 Jan 2024	4	15.05	75.76	8.4	33.04	8.1	24.4	4.96
C5	30 Jan 2024	5	15.03	76.41	8.2	33.04	8.1	24.5	4.51
C5	30 Jan 2024	6	14.99	77.24	7.9	33.07	8.0	24.5	3.20
C5	30 Jan 2024	7	14.97	77.88	7.7	33.08	8.0	24.5	2.13
C5	30 Jan 2024	8	14.96	77.43	7.6	33.08	8.0	24.5	1.57
C5	30 Jan 2024	9	14.96	73.20	7.4	33.09	8.0	24.5	1.36
C5	30 Jan 2024	10	14.94	67.58	7.2	33.10	8.0	24.5	1.10
C5	30 Jan 2024	11	14.90	45.47	7.0	33.11	8.0	24.5	1.02
C6	02 Jan 2024	1	16.39	77.22	7.6	33.27	8.1	24.3	0.29
C6	02 Jan 2024	2	16.39	79.95	7.6	33.27	8.1	24.3	0.28
C6	02 Jan 2024	3	16.38	87.85	7.6	33.27	8.1	24.3	0.30
C6	02 Jan 2024	4	16.38	88.95	7.6	33.27	8.1	24.3	0.32
C6	02 Jan 2024	5	16.33	89.15	7.6	33.27	8.1	24.3	0.33
C6	02 Jan 2024	6	16.19	87.20	7.7	33.29	8.1	24.4	0.36
C6	02 Jan 2024	7	16.06	83.14	7.7	33.29	8.1	24.4	0.34
C6	02 Jan 2024	8	16.04	76.76	7.8	33.29	8.1	24.4	0.33
C6	02 Jan 2024	9	16.04	73.68	7.8	33.29	8.1	24.4	0.34
C6	02 Jan 2024	10	16.07	72.97	7.7	33.29	8.1	24.4	0.38
C6	09 Jan 2024	1	14.07	60.32	7.4	33.27	8.0	24.8	0.60
C6	09 Jan 2024	2	14.07	59.55	7.4	33.27	8.0	24.8	0.64

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C6	09 Jan 2024	3	14.08	58.01	7.4	33.27	8.0	24.8	0.67
C6	09 Jan 2024	4	14.04	58.41	7.2	33.28	8.0	24.8	0.67
C6	09 Jan 2024	5	13.97	59.43	6.9	33.27	8.0	24.9	0.74
C6	09 Jan 2024	6	13.77	60.50	6.6	33.28	7.9	24.9	0.82
C6	09 Jan 2024	7	13.49	63.41	6.3	33.29	7.9	25.0	0.89
C6	09 Jan 2024	8	13.46	66.02	6.1	33.28	7.9	25.0	0.99
C6	09 Jan 2024	9	13.46	62.38	6.1	33.28	7.9	25.0	1.03
C6	17 Jan 2024	1	14.35	88.87	8.0	33.25	8.0	24.8	1.08
C6	17 Jan 2024	2	14.35	88.77	8.0	33.25	8.0	24.8	1.14
C6	17 Jan 2024	3	14.34	88.79	7.9	33.25	8.0	24.8	1.25
C6	17 Jan 2024	4	14.32	88.70	7.9	33.25	8.0	24.8	1.34
C6	17 Jan 2024	5	14.27	89.13	7.8	33.25	8.0	24.8	1.41
C6	17 Jan 2024	6	14.11	89.69	7.5	33.26	8.0	24.8	1.06
C6	17 Jan 2024	7	14.02	91.75	7.2	33.27	8.0	24.8	0.77
C6	17 Jan 2024	8	13.96	93.04	7.0	33.27	8.0	24.9	0.63
C6	17 Jan 2024	9	13.85	93.14	6.9	33.28	8.0	24.9	0.55
C6	24 Jan 2024	1	15.18	66.12	8.0	32.87	8.1	24.3	1.10
C6	24 Jan 2024	2	15.18	66.61	8.0	32.88	8.1	24.3	1.13
C6	24 Jan 2024	3	15.17	68.85	8.0	32.87	8.1	24.3	1.19
C6	24 Jan 2024	4	15.14	70.01	7.8	32.90	8.1	24.3	1.15
C6	24 Jan 2024	5	14.93	69.49	7.6	33.04	8.1	24.5	0.92
C6	24 Jan 2024	6	14.88	69.04	7.5	33.08	8.0	24.5	0.67
C6	24 Jan 2024	7	14.82	69.73	7.5	33.11	8.1	24.6	0.63
C6	24 Jan 2024	8	14.80	73.59	7.5	33.12	8.1	24.6	0.64
C6	24 Jan 2024	9	14.79	76.90	7.5	33.12	8.1	24.6	0.65
C6	30 Jan 2024	1	15.18	77.38	8.7	33.03	8.1	24.4	1.90
C6	30 Jan 2024	2	15.16	77.01	8.7	33.03	8.1	24.4	2.16
C6	30 Jan 2024	3	15.12	75.65	8.6	33.03	8.1	24.4	3.57
C6	30 Jan 2024	4	15.10	75.91	8.6	33.03	8.1	24.4	4.85
C6	30 Jan 2024	5	15.09	76.72	8.5	33.04	8.1	24.4	5.04
C6	30 Jan 2024	6	15.08	77.34	8.3	33.05	8.1	24.4	4.50
C6	30 Jan 2024	7	15.06	77.68	8.1	33.05	8.0	24.5	3.64
C6	30 Jan 2024	8	15.05	77.95	8.0	33.06	8.0	24.5	2.97
C6	30 Jan 2024	9	15.01	78.40	7.7	33.07	8.0	24.5	2.24
C7	02 Jan 2024	1	16.48	89.88	8.0	33.26	8.1	24.3	0.45
C7	02 Jan 2024	2	16.48	89.90	8.0	33.26	8.1	24.3	0.44
C7	02 Jan 2024	3	16.48	89.77	8.0	33.26	8.1	24.3	0.44
C7	02 Jan 2024	4	16.48	89.78	8.0	33.26	8.1	24.3	0.46
C7	02 Jan 2024	5	16.47	89.83	7.9	33.26	8.1	24.3	0.49
C7	02 Jan 2024	6	16.47	88.77	7.9	33.26	8.1	24.3	0.53
C7	02 Jan 2024	7	16.46	87.48	7.9	33.26	8.1	24.3	0.55
C7	02 Jan 2024	8	16.46	86.94	7.9	33.26	8.1	24.3	0.64
C7	02 Jan 2024	9	16.46	86.14	7.9	33.26	8.1	24.3	0.65
C7	02 Jan 2024	10	16.46	86.22	7.9	33.26	8.1	24.3	0.67
C7	02 Jan 2024	11	16.46	86.34	7.9	33.26	8.1	24.3	0.69
C7	02 Jan 2024	12	16.46	86.49	8.0	33.26	8.1	24.3	0.76
C7	02 Jan 2024	13	16.46	86.63	7.9	33.26	8.1	24.3	0.77
C7	02 Jan 2024	14	16.46	86.53	7.9	33.26	8.1	24.3	0.74
C7	02 Jan 2024	15	16.46	86.21	7.9	33.26	8.1	24.3	0.68
C7	02 Jan 2024	16	16.45	85.23	7.8	33.26	8.1	24.3	0.62
C7	02 Jan 2024	17	16.46	84.91	7.8	33.26	8.1	24.3	0.55
C7	02 Jan 2024	18	16.46	84.58	7.8	33.26	8.1	24.3	0.54
C7	09 Jan 2024	1	14.61	77.99	7.8	33.26	8.0	24.7	0.64
C7	09 Jan 2024	2	14.61	77.70	7.8	33.26	8.0	24.7	0.65
C7	09 Jan 2024	3	14.62	77.45	7.8	33.26	8.0	24.7	0.70
C7	09 Jan 2024	4	14.60	77.46	7.8	33.26	8.0	24.7	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	09 Jan 2024	5	14.57	76.93	7.8	33.26	8.0	24.7	0.91
C7	09 Jan 2024	6	14.56	76.36	7.8	33.26	8.0	24.7	0.97
C7	09 Jan 2024	7	14.54	76.60	7.7	33.26	8.0	24.7	0.95
C7	09 Jan 2024	8	14.51	76.51	7.6	33.26	8.0	24.7	0.88
C7	09 Jan 2024	9	14.49	76.54	7.5	33.26	8.0	24.7	0.77
C7	09 Jan 2024	10	14.49	77.54	7.5	33.26	8.0	24.7	0.69
C7	09 Jan 2024	11	14.45	77.81	7.3	33.26	8.0	24.7	0.64
C7	09 Jan 2024	12	14.34	78.51	7.0	33.27	8.0	24.8	0.61
C7	09 Jan 2024	13	14.26	79.49	6.8	33.26	8.0	24.8	0.52
C7	09 Jan 2024	14	14.24	81.72	6.7	33.26	8.0	24.8	0.48
C7	09 Jan 2024	15	14.13	82.03	6.5	33.27	8.0	24.8	0.48
C7	09 Jan 2024	16	13.74	81.71	6.3	33.30	8.0	24.9	0.48
C7	09 Jan 2024	17	13.35	80.90	6.0	33.31	7.9	25.0	0.55
C7	09 Jan 2024	18	13.28	73.81	5.9	33.30	7.9	25.0	0.63
C7	17 Jan 2024	1	14.36	85.88	8.5	33.24	8.1	24.7	3.05
C7	17 Jan 2024	2	14.36	86.35	8.5	33.24	8.1	24.7	3.18
C7	17 Jan 2024	3	14.35	86.16	8.4	33.24	8.1	24.8	3.29
C7	17 Jan 2024	4	14.34	85.97	8.4	33.24	8.1	24.8	3.49
C7	17 Jan 2024	5	14.33	85.78	8.4	33.24	8.1	24.8	3.71
C7	17 Jan 2024	6	14.32	85.64	8.3	33.24	8.1	24.8	3.62
C7	17 Jan 2024	7	14.29	85.93	8.3	33.24	8.1	24.8	3.49
C7	17 Jan 2024	8	14.25	86.74	8.1	33.24	8.0	24.8	2.96
C7	17 Jan 2024	9	14.11	87.83	7.9	33.25	8.0	24.8	2.50
C7	17 Jan 2024	10	14.04	90.13	7.6	33.25	8.0	24.8	1.72
C7	17 Jan 2024	11	13.95	91.51	7.3	33.26	8.0	24.9	1.15
C7	17 Jan 2024	12	13.87	92.99	7.1	33.27	8.0	24.9	0.80
C7	17 Jan 2024	13	13.87	92.98	7.1	33.27	8.0	24.9	0.76
C7	17 Jan 2024	14	13.87	92.94	7.1	33.27	8.0	24.9	0.71
C7	17 Jan 2024	15	13.86	92.71	7.1	33.27	8.0	24.9	0.80
C7	17 Jan 2024	16	13.86	92.73	7.1	33.27	8.0	24.9	0.71
C7	17 Jan 2024	17	13.85	92.31	7.0	33.27	8.0	24.9	0.77
C7	24 Jan 2024	1	15.10	77.64	8.4	32.94	8.1	24.4	3.62
C7	24 Jan 2024	2	15.11	77.47	8.4	32.93	8.1	24.4	4.14
C7	24 Jan 2024	3	14.95	77.62	8.4	33.01	8.1	24.5	4.01
C7	24 Jan 2024	4	14.87	79.44	8.4	33.08	8.1	24.5	3.77
C7	24 Jan 2024	5	14.86	82.90	8.4	33.09	8.1	24.5	3.41
C7	24 Jan 2024	6	14.85	84.51	8.3	33.09	8.1	24.5	3.24
C7	24 Jan 2024	7	14.83	85.50	8.2	33.11	8.1	24.6	2.82
C7	24 Jan 2024	8	14.81	87.00	8.2	33.12	8.1	24.6	2.42
C7	24 Jan 2024	9	14.81	87.07	8.2	33.12	8.1	24.6	2.19
C7	24 Jan 2024	10	14.81	88.27	8.2	33.12	8.1	24.6	2.26
C7	24 Jan 2024	11	14.79	88.59	8.2	33.13	8.1	24.6	2.29
C7	24 Jan 2024	12	14.79	88.70	8.2	33.13	8.1	24.6	2.07
C7	24 Jan 2024	13	14.79	88.98	8.2	33.14	8.1	24.6	2.18
C7	24 Jan 2024	14	14.79	89.22	8.2	33.14	8.1	24.6	2.06
C7	24 Jan 2024	15	14.79	89.20	8.2	33.14	8.1	24.6	1.96
C7	24 Jan 2024	16	14.79	89.30	8.1	33.14	8.1	24.6	1.84
C7	24 Jan 2024	17	14.79	89.07	8.1	33.15	8.1	24.6	1.66
C7	24 Jan 2024	18	14.78	88.97	8.0	33.15	8.1	24.6	1.41
C7	30 Jan 2024	1	15.64	91.44	8.5	33.12	8.1	24.4	0.79
C7	30 Jan 2024	2	15.63	91.39	8.6	33.12	8.1	24.4	0.79
C7	30 Jan 2024	3	15.63	91.53	8.6	33.12	8.1	24.4	0.87
C7	30 Jan 2024	4	15.64	91.46	8.5	33.12	8.1	24.4	0.93
C7	30 Jan 2024	5	15.69	91.53	8.4	33.15	8.1	24.4	1.08
C7	30 Jan 2024	6	15.69	91.92	8.3	33.16	8.1	24.4	1.09
C7	30 Jan 2024	7	15.60	93.00	8.2	33.18	8.1	24.4	1.13
C7	30 Jan 2024	8	15.53	93.54	8.2	33.19	8.1	24.5	1.20
C7	30 Jan 2024	9	15.45	93.59	8.1	33.19	8.1	24.5	1.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C7	30 Jan 2024	10	15.31	93.45	8.0	33.16	8.1	24.5	1.34
C7	30 Jan 2024	11	15.10	93.02	7.9	33.13	8.1	24.5	1.41
C7	30 Jan 2024	12	15.04	91.03	7.8	33.12	8.0	24.5	1.37
C7	30 Jan 2024	13	15.00	90.55	7.7	33.12	8.0	24.5	1.26
C7	30 Jan 2024	14	14.95	90.42	7.6	33.13	8.0	24.5	1.15
C7	30 Jan 2024	15	14.89	90.66	7.5	33.15	8.0	24.6	0.98
C7	30 Jan 2024	16	14.85	90.91	7.3	33.16	8.0	24.6	0.79
C7	30 Jan 2024	17	14.76	91.10	7.2	33.18	8.0	24.6	0.66
C7	30 Jan 2024	18	14.68	90.85	7.1	33.20	8.0	24.7	0.60
C8	02 Jan 2024	1	16.60	87.72	8.1	33.25	8.1	24.3	0.49
C8	02 Jan 2024	2	16.59	89.82	8.1	33.25	8.1	24.3	0.51
C8	02 Jan 2024	3	16.59	90.40	8.1	33.25	8.1	24.3	0.56
C8	02 Jan 2024	4	16.59	90.27	8.1	33.25	8.1	24.3	0.62
C8	02 Jan 2024	5	16.59	90.14	8.1	33.25	8.1	24.3	0.67
C8	02 Jan 2024	6	16.59	90.06	8.1	33.25	8.1	24.3	0.71
C8	02 Jan 2024	7	16.59	90.17	8.1	33.25	8.1	24.3	0.71
C8	02 Jan 2024	8	16.59	90.17	8.1	33.25	8.1	24.3	0.80
C8	02 Jan 2024	9	16.59	89.59	8.1	33.25	8.1	24.3	0.83
C8	02 Jan 2024	10	16.59	89.69	8.1	33.25	8.1	24.3	0.88
C8	02 Jan 2024	11	16.59	89.52	8.1	33.25	8.1	24.3	0.92
C8	02 Jan 2024	12	16.59	90.01	8.1	33.25	8.1	24.3	0.96
C8	02 Jan 2024	13	16.59	90.06	8.1	33.25	8.1	24.3	0.84
C8	02 Jan 2024	14	16.59	88.46	8.1	33.25	8.1	24.3	0.87
C8	02 Jan 2024	15	16.59	87.81	8.1	33.25	8.1	24.3	0.87
C8	02 Jan 2024	16	16.59	88.39	8.1	33.25	8.1	24.3	0.87
C8	02 Jan 2024	17	16.59	89.45	8.1	33.25	8.1	24.3	0.90
C8	02 Jan 2024	18	16.57	89.73	7.9	33.25	8.1	24.3	0.85
C8	02 Jan 2024	19	16.51	87.43	7.8	33.25	8.1	24.3	0.69
C8	09 Jan 2024	1	14.51	76.85	7.6	33.22	8.0	24.7	0.68
C8	09 Jan 2024	2	14.51	76.72	7.6	33.22	8.0	24.7	0.68
C8	09 Jan 2024	3	14.50	76.91	7.6	33.22	8.0	24.7	0.80
C8	09 Jan 2024	4	14.49	76.80	7.6	33.22	8.0	24.7	1.04
C8	09 Jan 2024	5	14.48	76.43	7.6	33.22	8.0	24.7	1.23
C8	09 Jan 2024	6	14.48	76.13	7.6	33.22	8.0	24.7	1.31
C8	09 Jan 2024	7	14.47	76.18	7.6	33.22	8.0	24.7	1.33
C8	09 Jan 2024	8	14.47	76.16	7.6	33.22	8.0	24.7	1.28
C8	09 Jan 2024	9	14.47	76.01	7.6	33.22	8.0	24.7	1.23
C8	09 Jan 2024	10	14.47	76.15	7.6	33.22	8.0	24.7	1.18
C8	09 Jan 2024	11	14.47	76.31	7.6	33.22	8.0	24.7	1.10
C8	09 Jan 2024	12	14.45	76.70	7.5	33.23	8.0	24.7	0.97
C8	09 Jan 2024	13	14.40	77.08	7.3	33.23	8.0	24.7	0.83
C8	09 Jan 2024	14	14.27	78.43	7.1	33.23	8.0	24.8	0.72
C8	09 Jan 2024	15	14.01	80.54	6.8	33.25	8.0	24.8	0.65
C8	09 Jan 2024	16	13.78	80.39	6.5	33.26	8.0	24.9	0.55
C8	09 Jan 2024	17	13.53	76.30	6.3	33.27	7.9	24.9	0.48
C8	09 Jan 2024	18	13.39	71.38	6.3	33.28	7.9	25.0	0.45
C8	09 Jan 2024	19	13.45	71.18	6.3	33.27	7.9	25.0	0.43
C8	09 Jan 2024	20	13.43	71.20	6.3	33.27	7.9	25.0	0.41
C8	17 Jan 2024	1	14.46	82.33	8.7	33.23	8.1	24.7	4.43
C8	17 Jan 2024	2	14.46	82.01	8.7	33.23	8.1	24.7	4.66
C8	17 Jan 2024	3	14.45	82.49	8.7	33.23	8.1	24.7	5.11
C8	17 Jan 2024	4	14.45	82.52	8.7	33.23	8.1	24.7	5.27
C8	17 Jan 2024	5	14.44	82.48	8.6	33.23	8.1	24.7	4.85
C8	17 Jan 2024	6	14.39	83.10	8.5	33.23	8.1	24.7	4.21
C8	17 Jan 2024	7	14.28	85.11	8.3	33.23	8.1	24.8	3.16
C8	17 Jan 2024	8	14.20	86.96	8.2	33.24	8.1	24.8	2.57
C8	17 Jan 2024	9	14.17	87.93	8.2	33.24	8.0	24.8	2.25
C8	17 Jan 2024	10	14.14	88.69	8.1	33.24	8.0	24.8	2.07

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (s-t)	Chlor (µg/L)
C8	17 Jan 2024	11	14.12	89.17	8.0	33.24	8.0	24.8	1.99
C8	17 Jan 2024	12	14.10	89.54	8.0	33.24	8.0	24.8	1.96
C8	17 Jan 2024	13	14.07	89.33	7.9	33.24	8.0	24.8	1.71
C8	17 Jan 2024	14	14.02	89.84	7.7	33.25	8.0	24.8	1.58
C8	17 Jan 2024	15	13.98	90.10	7.6	33.26	8.0	24.8	1.38
C8	17 Jan 2024	16	13.94	90.10	7.4	33.26	8.0	24.9	1.29
C8	17 Jan 2024	17	13.87	90.07	7.1	33.26	8.0	24.9	1.10
C8	17 Jan 2024	18	13.62	90.77	6.7	33.30	8.0	25.0	0.83
C8	24 Jan 2024	1	15.33	72.32	8.1	32.77	8.1	24.2	1.70
C8	24 Jan 2024	2	15.35	73.94	8.1	32.78	8.1	24.2	1.82
C8	24 Jan 2024	3	15.33	74.95	8.1	32.85	8.1	24.2	1.88
C8	24 Jan 2024	4	15.22	76.33	8.1	33.02	8.1	24.4	1.79
C8	24 Jan 2024	5	15.17	80.31	8.1	33.06	8.1	24.4	1.67
C8	24 Jan 2024	6	15.07	85.52	8.1	33.10	8.1	24.5	1.69
C8	24 Jan 2024	7	15.05	88.52	8.1	33.11	8.1	24.5	1.66
C8	24 Jan 2024	8	15.03	89.15	8.1	33.11	8.1	24.5	1.61
C8	24 Jan 2024	9	15.03	89.29	8.1	33.12	8.1	24.5	1.61
C8	24 Jan 2024	10	15.02	89.50	8.1	33.12	8.1	24.5	1.55
C8	24 Jan 2024	11	15.03	89.78	8.1	33.13	8.1	24.5	1.49
C8	24 Jan 2024	12	15.03	90.26	8.1	33.13	8.1	24.5	1.49
C8	24 Jan 2024	13	15.03	90.53	8.2	33.13	8.1	24.5	1.54
C8	24 Jan 2024	14	15.05	90.64	8.2	33.14	8.1	24.5	1.48
C8	24 Jan 2024	15	15.05	90.63	8.2	33.15	8.1	24.5	1.36
C8	24 Jan 2024	16	15.04	91.10	8.1	33.16	8.1	24.5	1.23
C8	24 Jan 2024	17	14.99	91.45	8.0	33.17	8.1	24.6	1.06
C8	24 Jan 2024	18	14.88	91.42	7.9	33.17	8.1	24.6	0.96
C8	24 Jan 2024	19	14.86	85.39	7.9	33.17	8.1	24.6	0.93
C8	30 Jan 2024	1	15.60	90.58	8.7	33.09	8.1	24.4	0.99
C8	30 Jan 2024	2	15.60	90.09	8.7	33.09	8.1	24.4	0.99
C8	30 Jan 2024	3	15.60	90.45	8.7	33.09	8.1	24.4	1.02
C8	30 Jan 2024	4	15.59	90.46	8.6	33.09	8.1	24.4	1.03
C8	30 Jan 2024	5	15.55	90.39	8.5	33.12	8.1	24.4	1.19
C8	30 Jan 2024	6	15.39	90.31	8.2	33.18	8.1	24.5	1.35
C8	30 Jan 2024	7	15.26	91.60	8.0	33.19	8.1	24.5	1.46
C8	30 Jan 2024	8	15.12	92.45	7.9	33.20	8.1	24.6	1.53
C8	30 Jan 2024	9	15.05	92.55	7.8	33.20	8.1	24.6	1.55
C8	30 Jan 2024	10	14.98	92.63	7.7	33.20	8.0	24.6	1.47
C8	30 Jan 2024	11	14.90	92.62	7.6	33.21	8.0	24.6	1.43
C8	30 Jan 2024	12	14.84	92.75	7.6	33.21	8.0	24.6	1.31
C8	30 Jan 2024	13	14.79	92.75	7.5	33.21	8.0	24.6	1.21
C8	30 Jan 2024	14	14.75	92.58	7.4	33.22	8.0	24.7	1.10
C8	30 Jan 2024	15	14.72	92.71	7.4	33.22	8.0	24.7	1.08
C8	30 Jan 2024	16	14.73	92.97	7.4	33.22	8.0	24.7	1.07
C8	30 Jan 2024	17	14.66	93.17	7.2	33.22	8.0	24.7	0.99
C8	30 Jan 2024	18	14.53	92.55	7.1	33.24	8.0	24.7	0.82
C8	30 Jan 2024	19	14.53	91.25	7.0	33.24	8.0	24.7	0.72

NA = not available

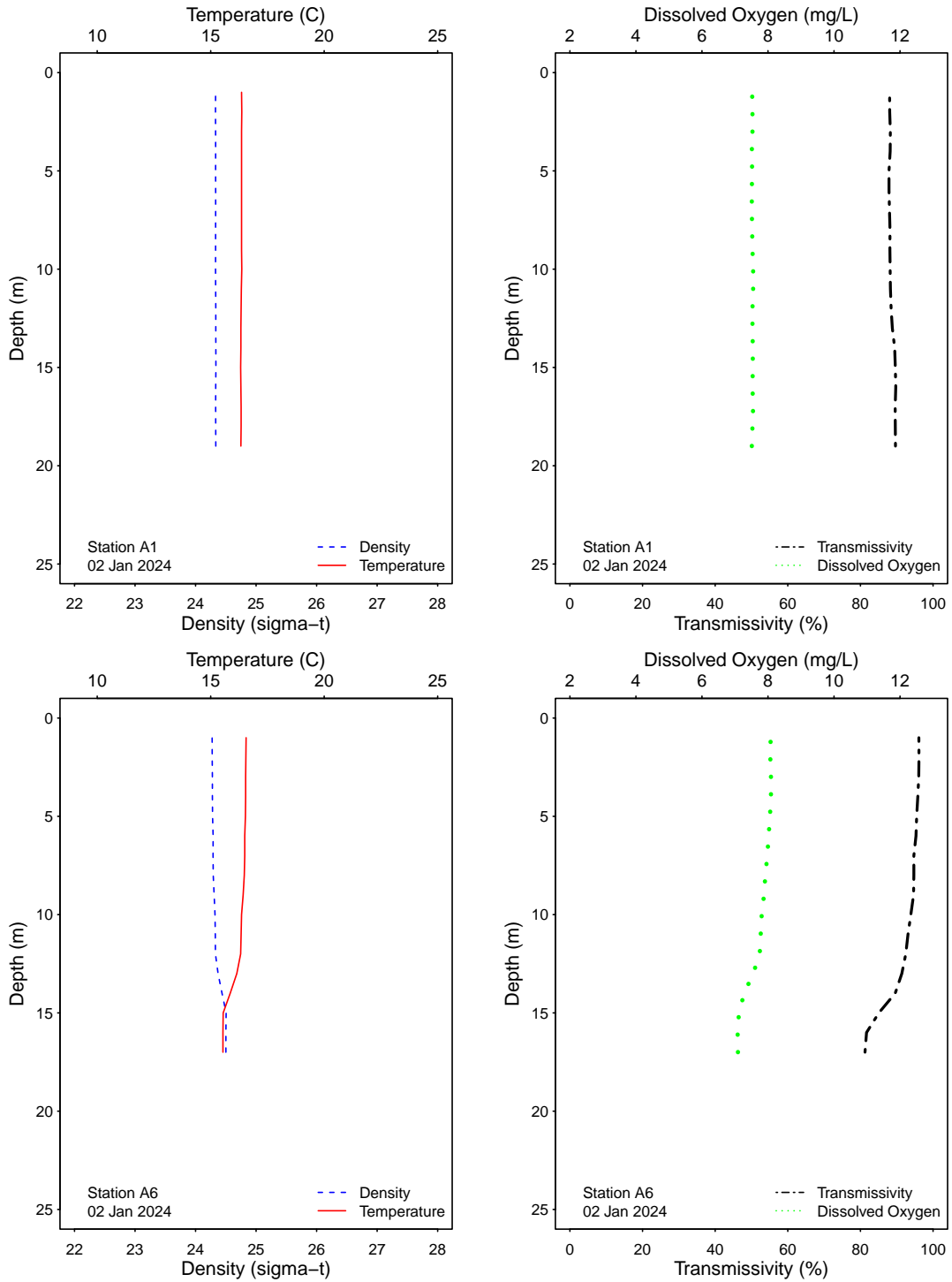


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

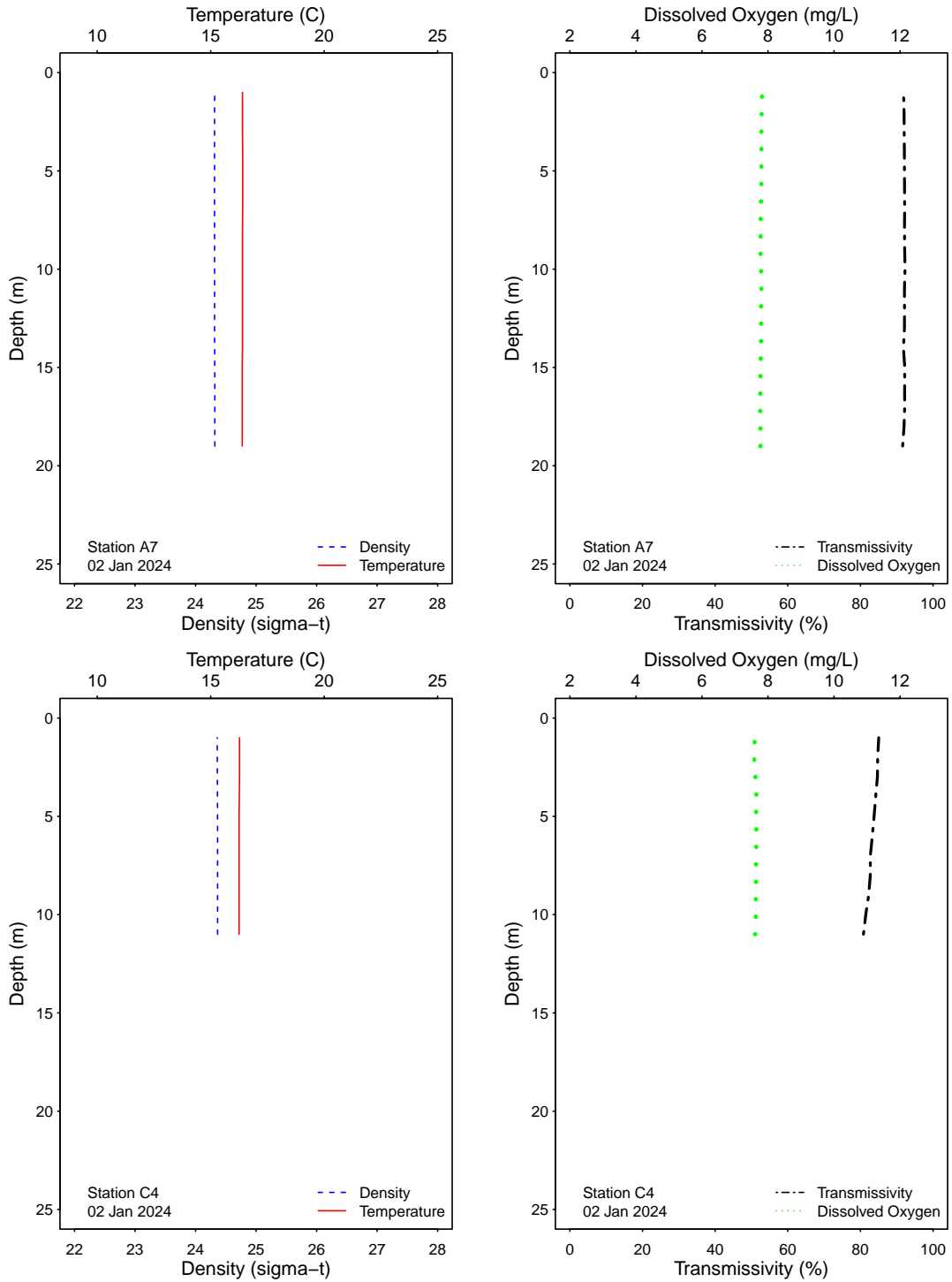


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

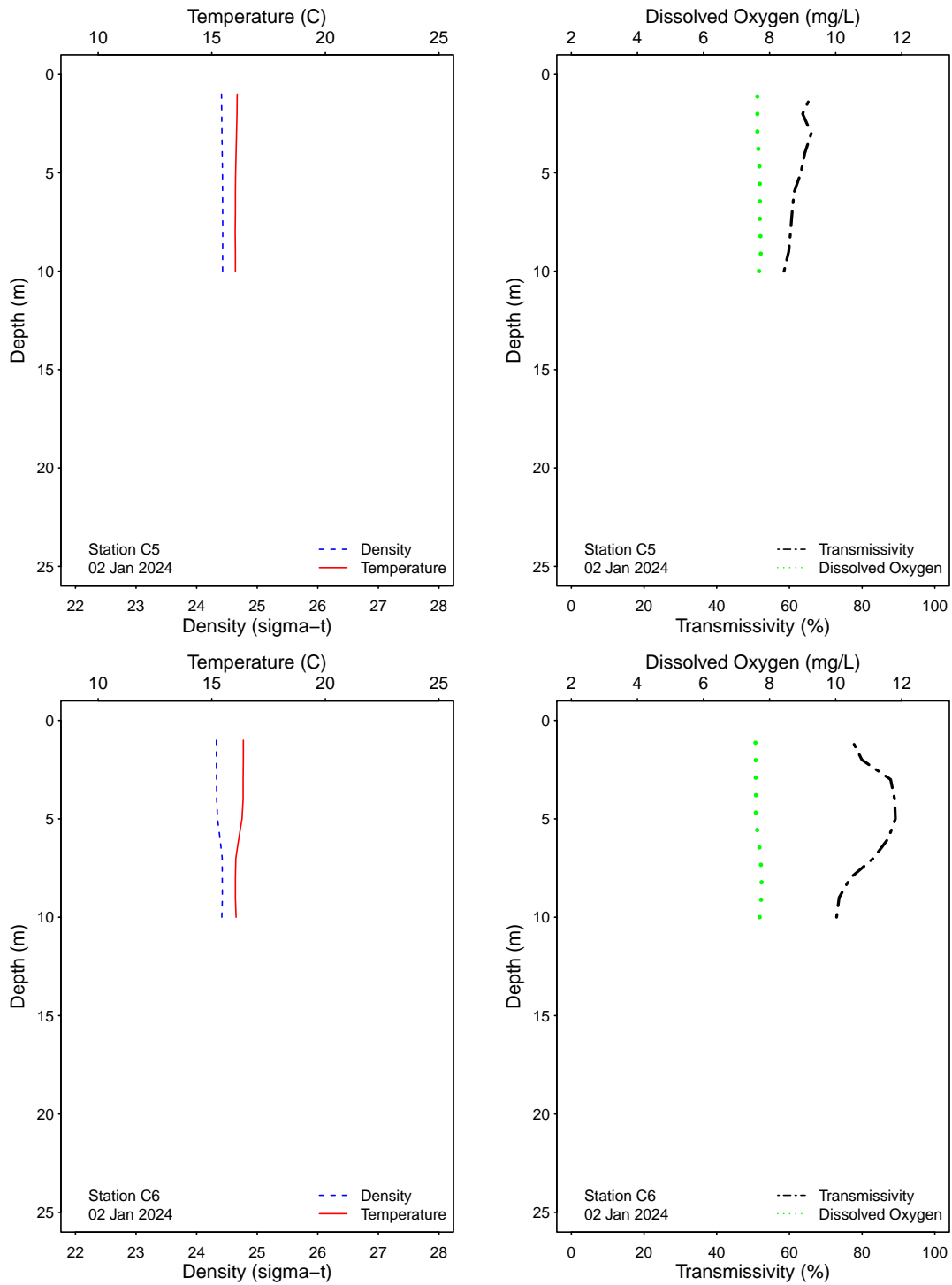


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

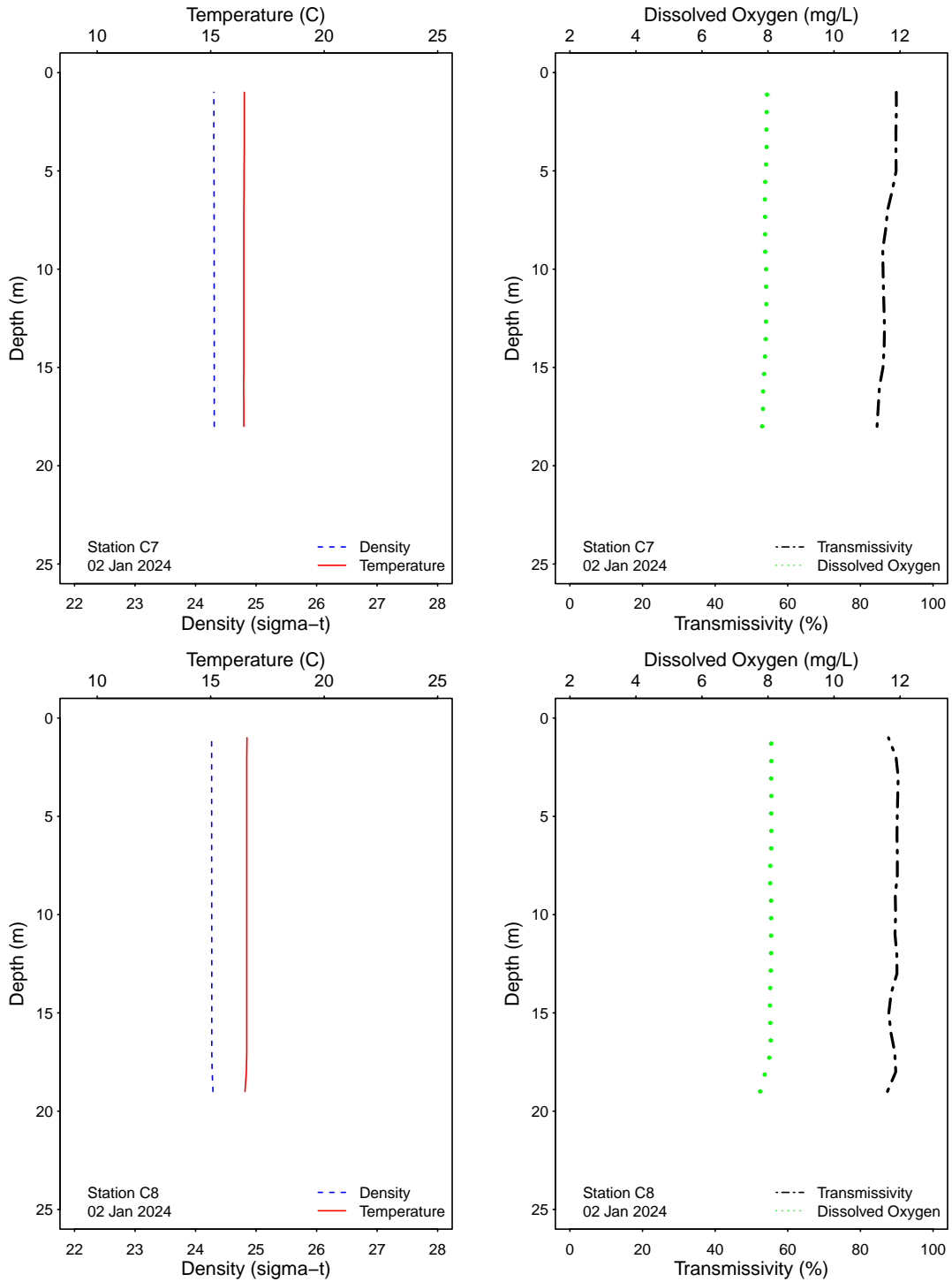


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

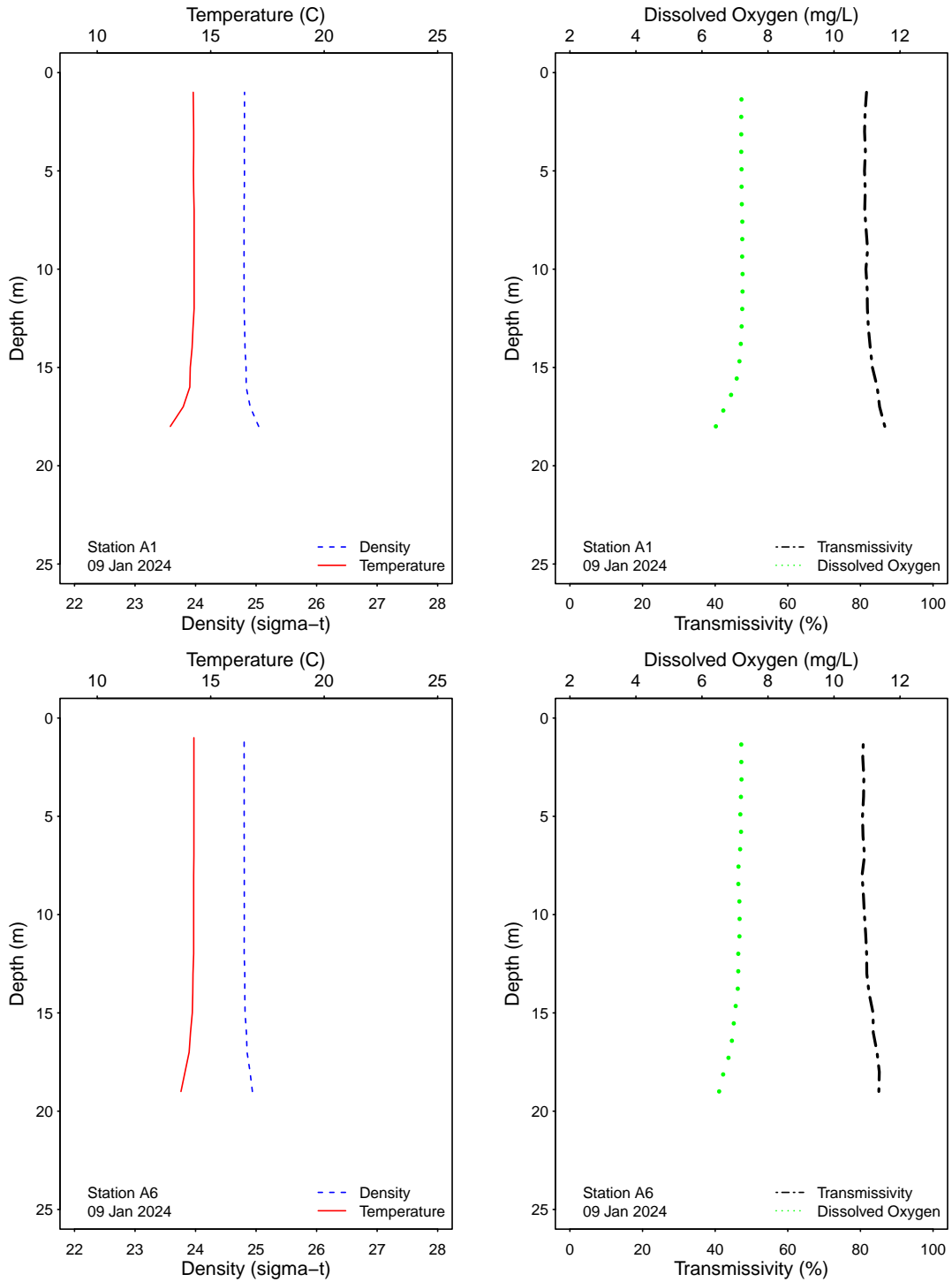


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

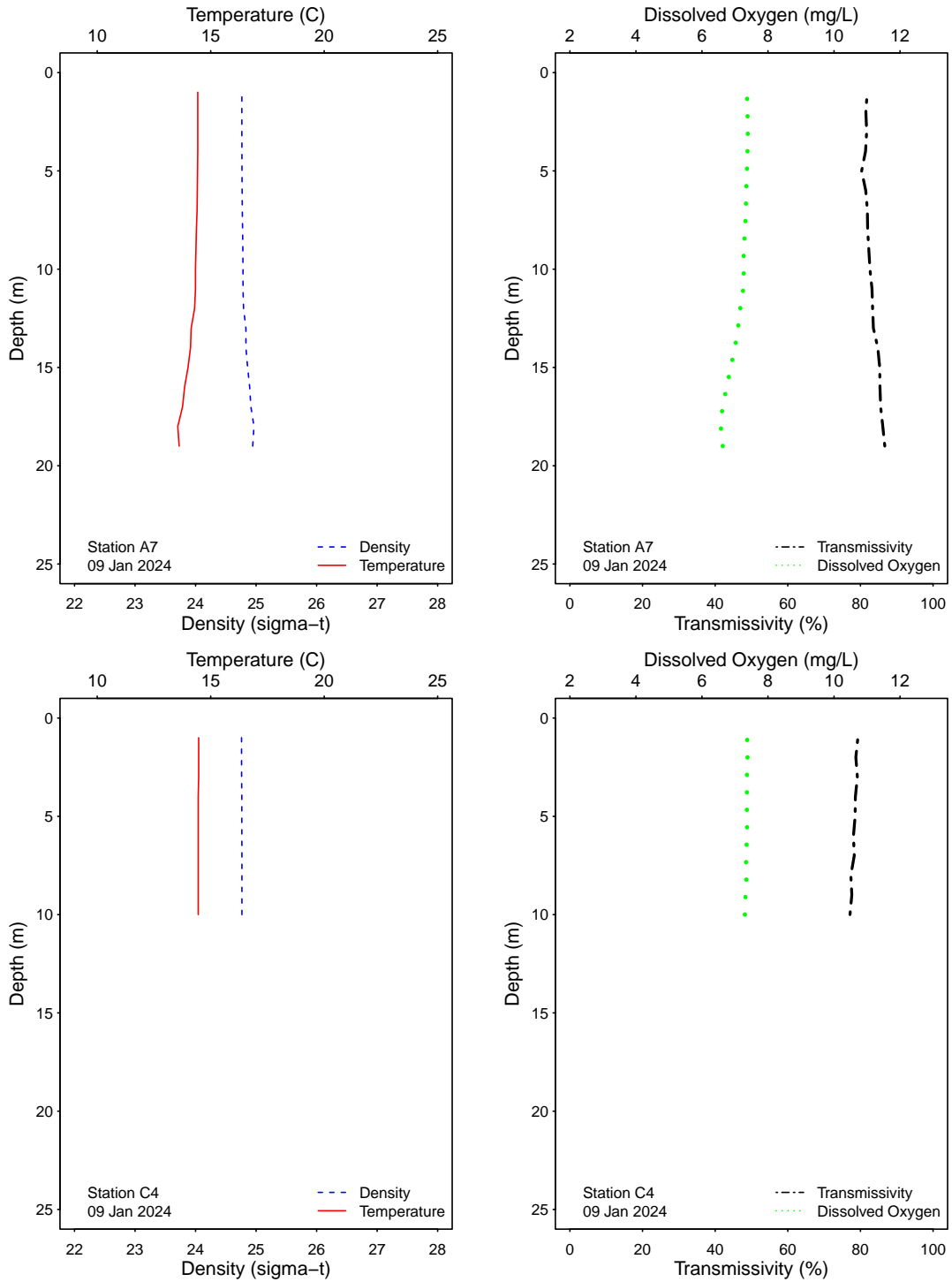


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

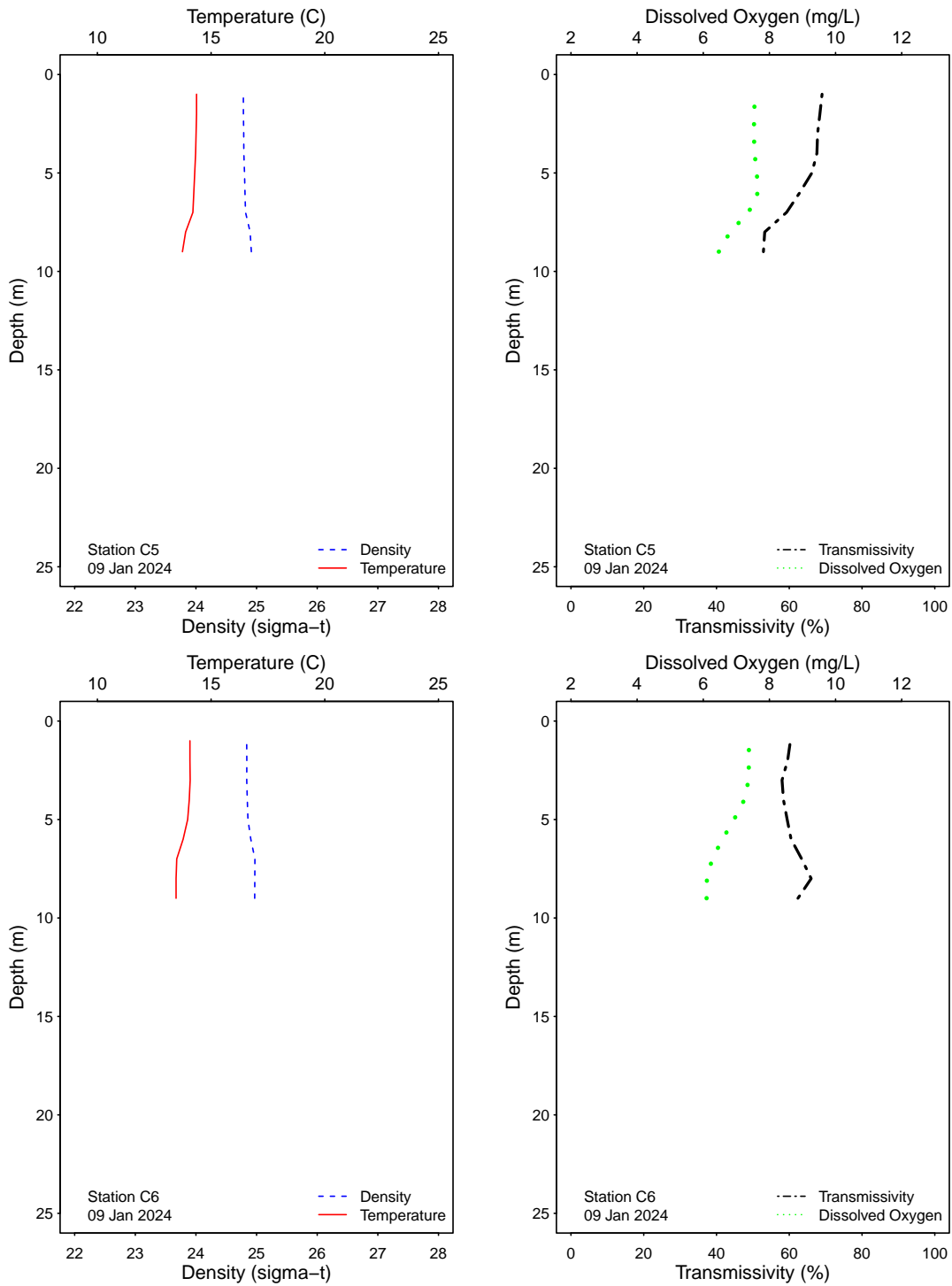


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

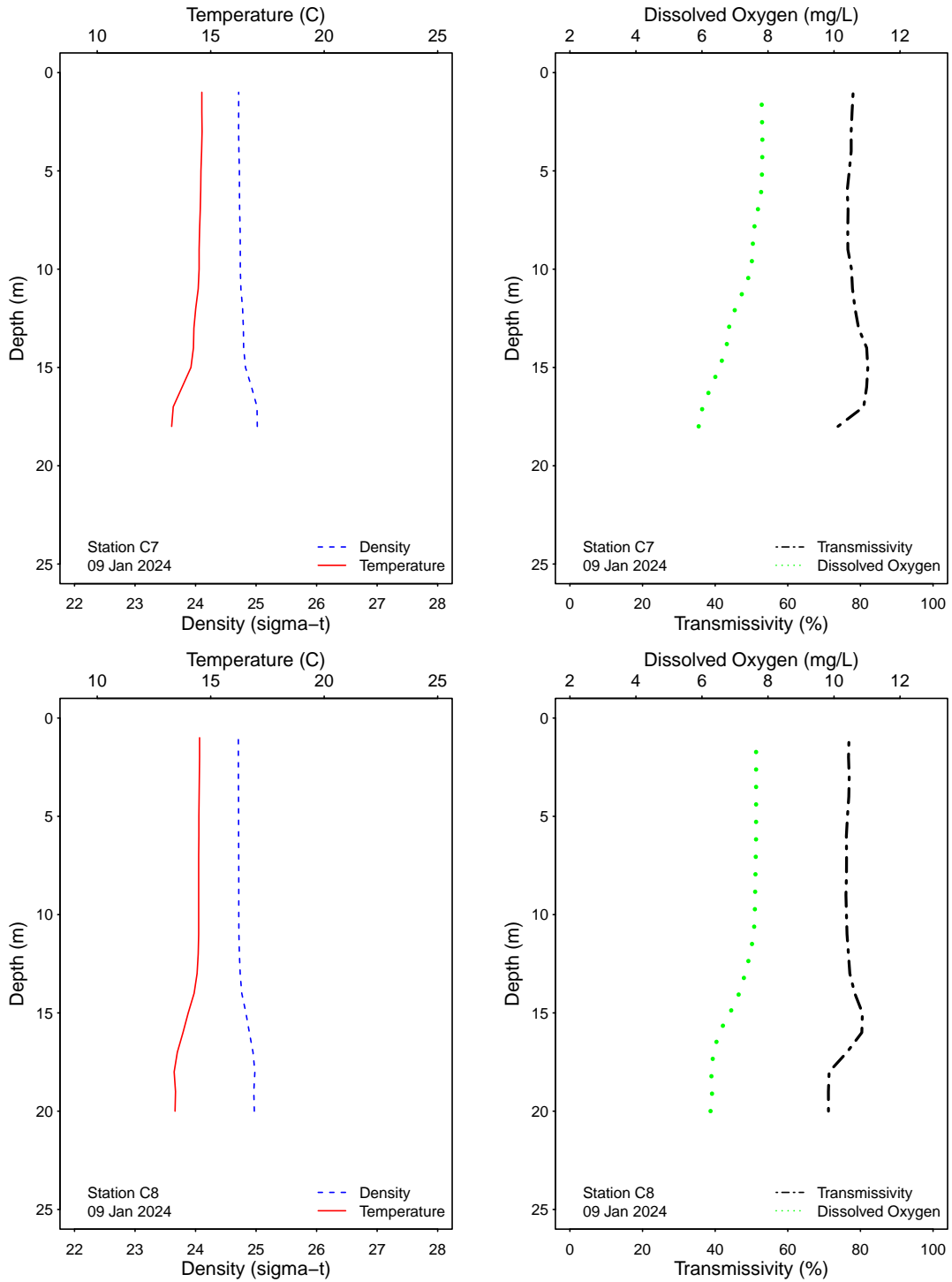


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

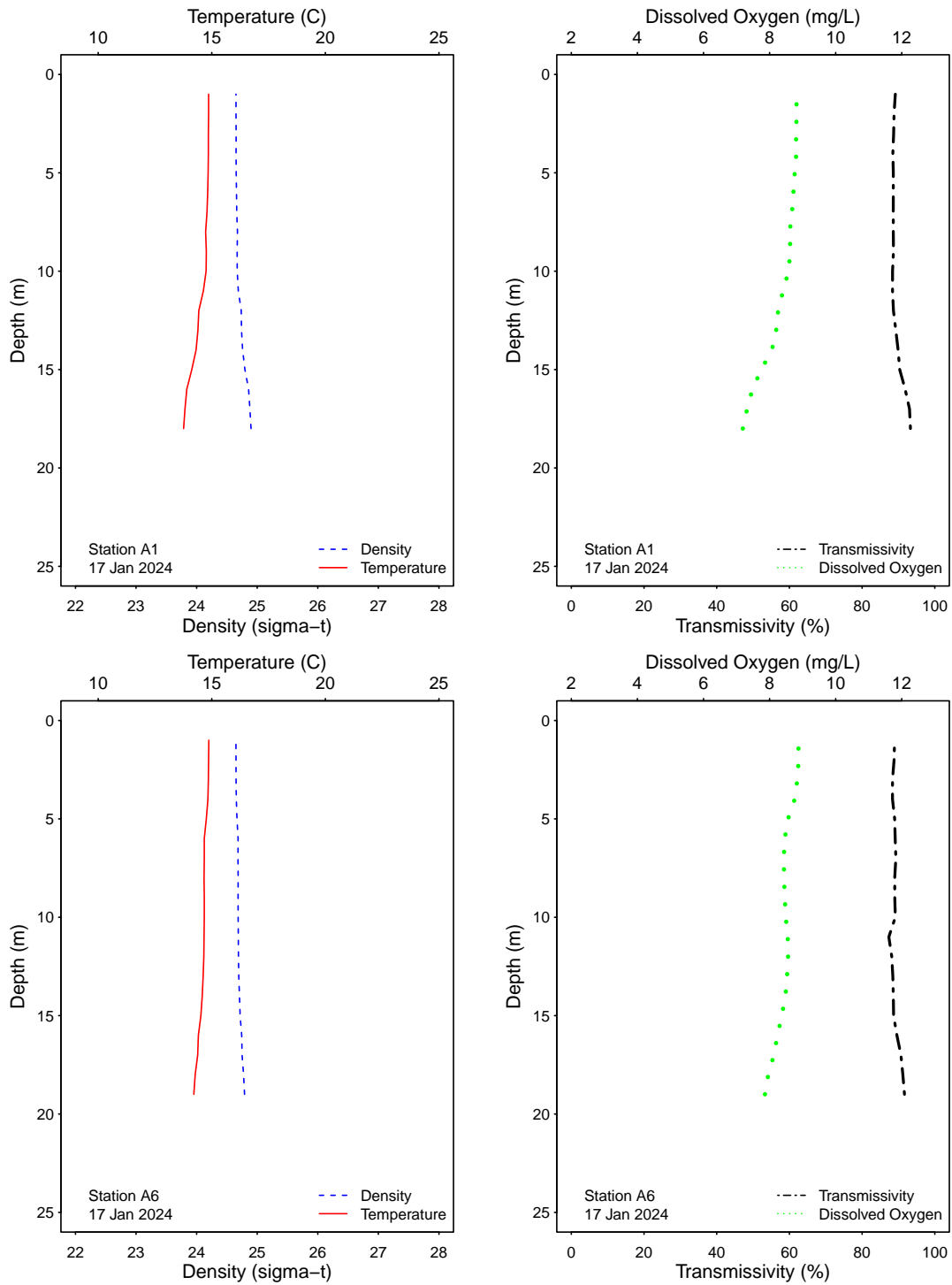


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

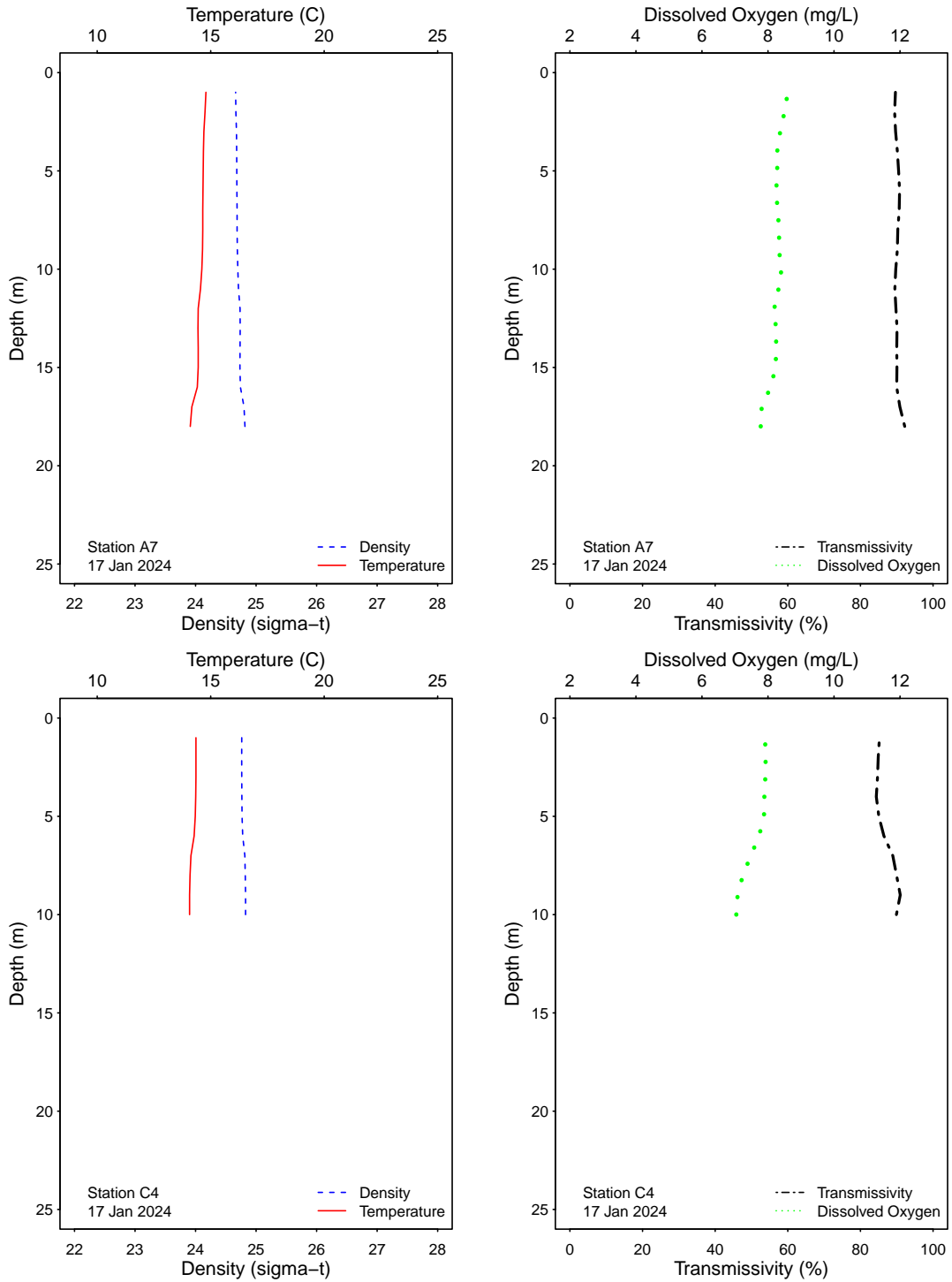


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

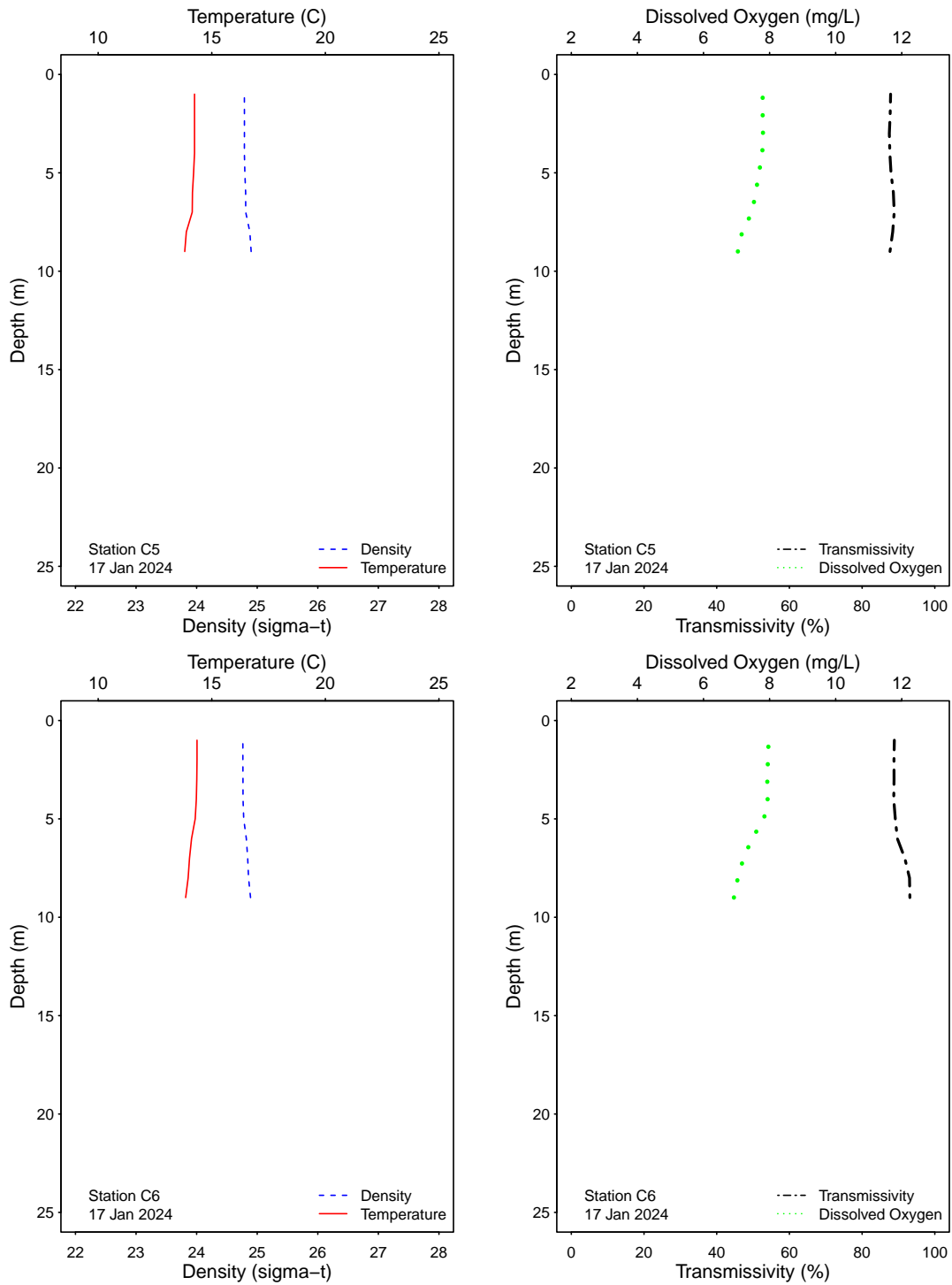


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

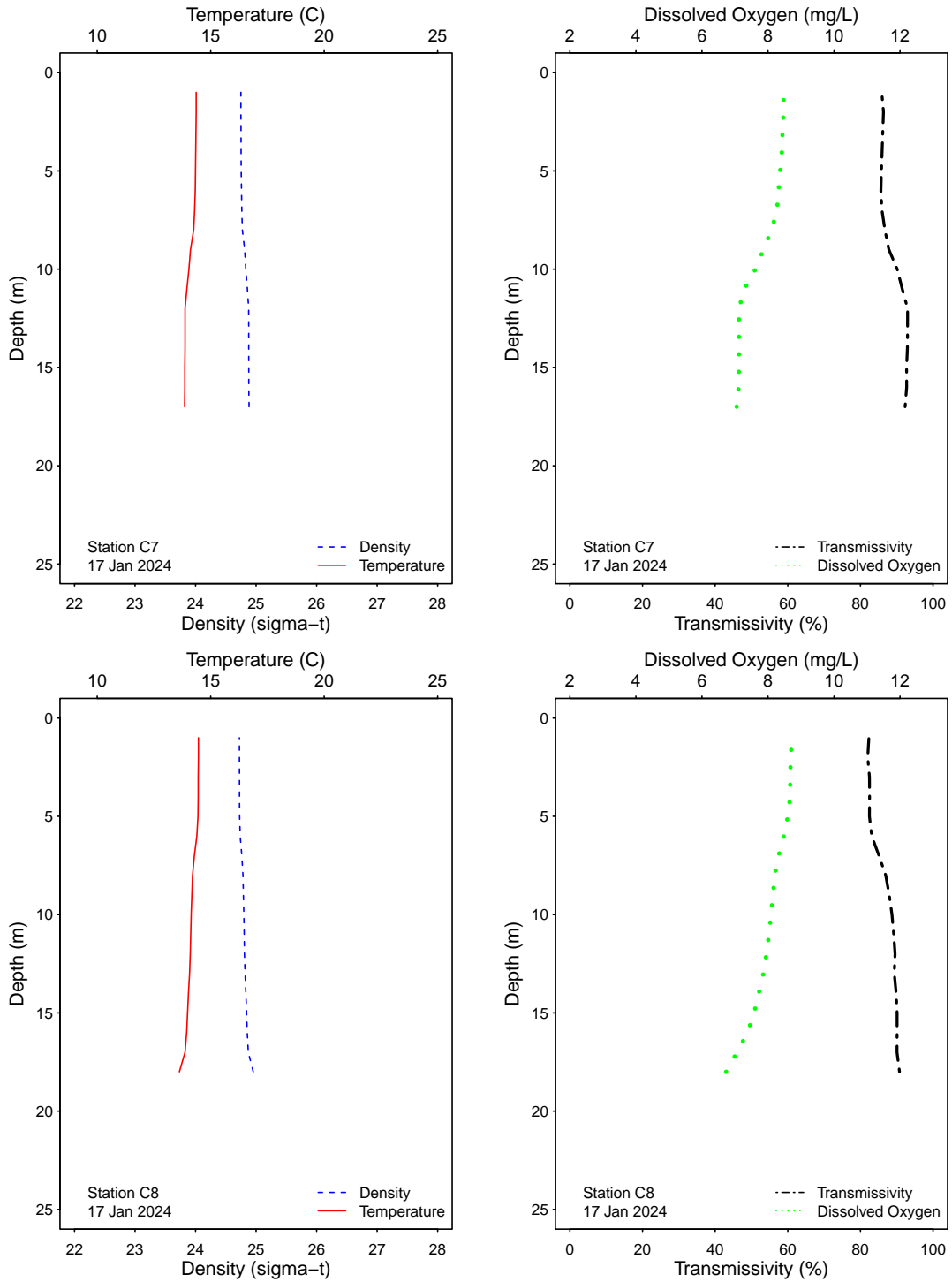


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

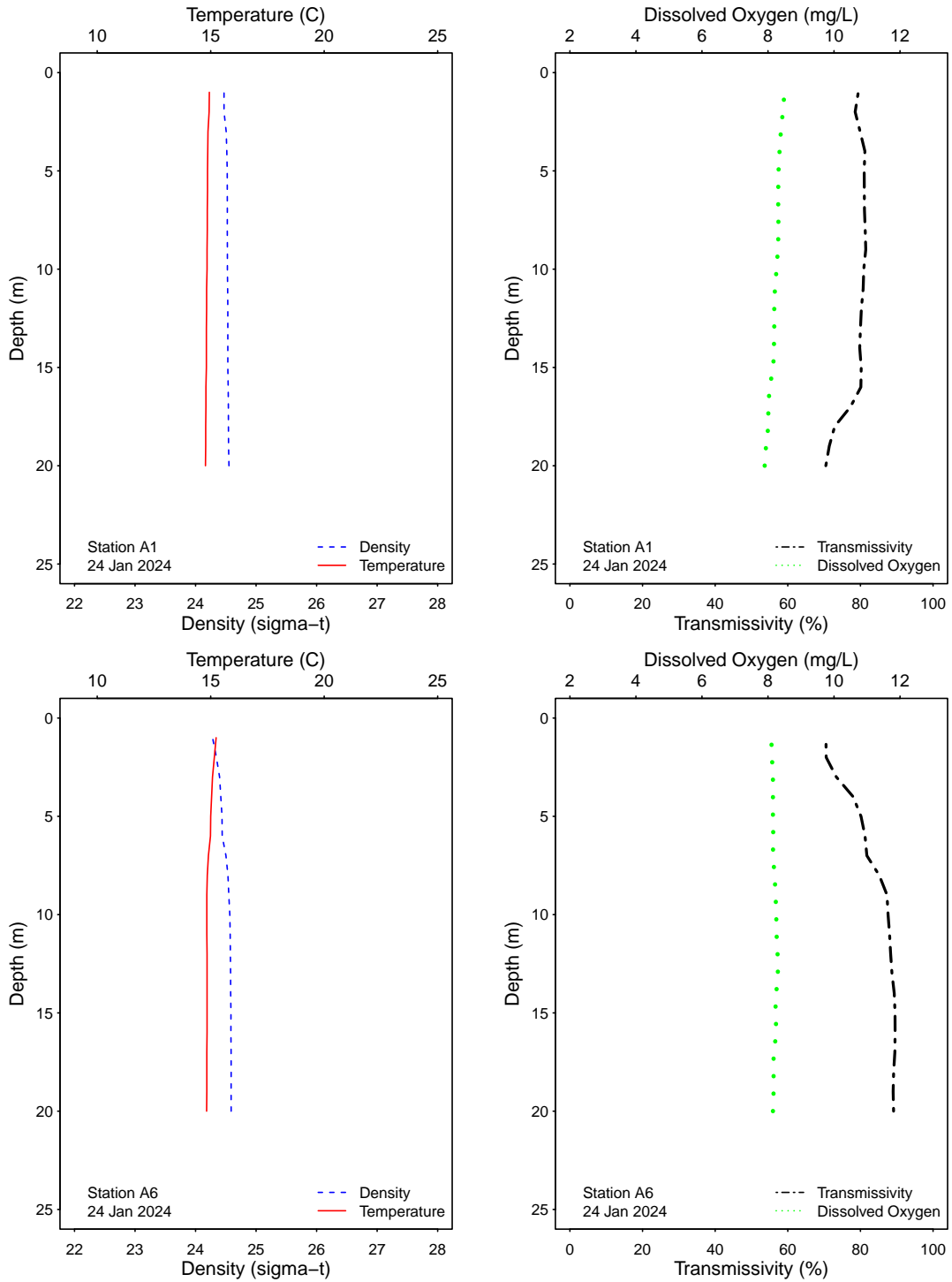


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

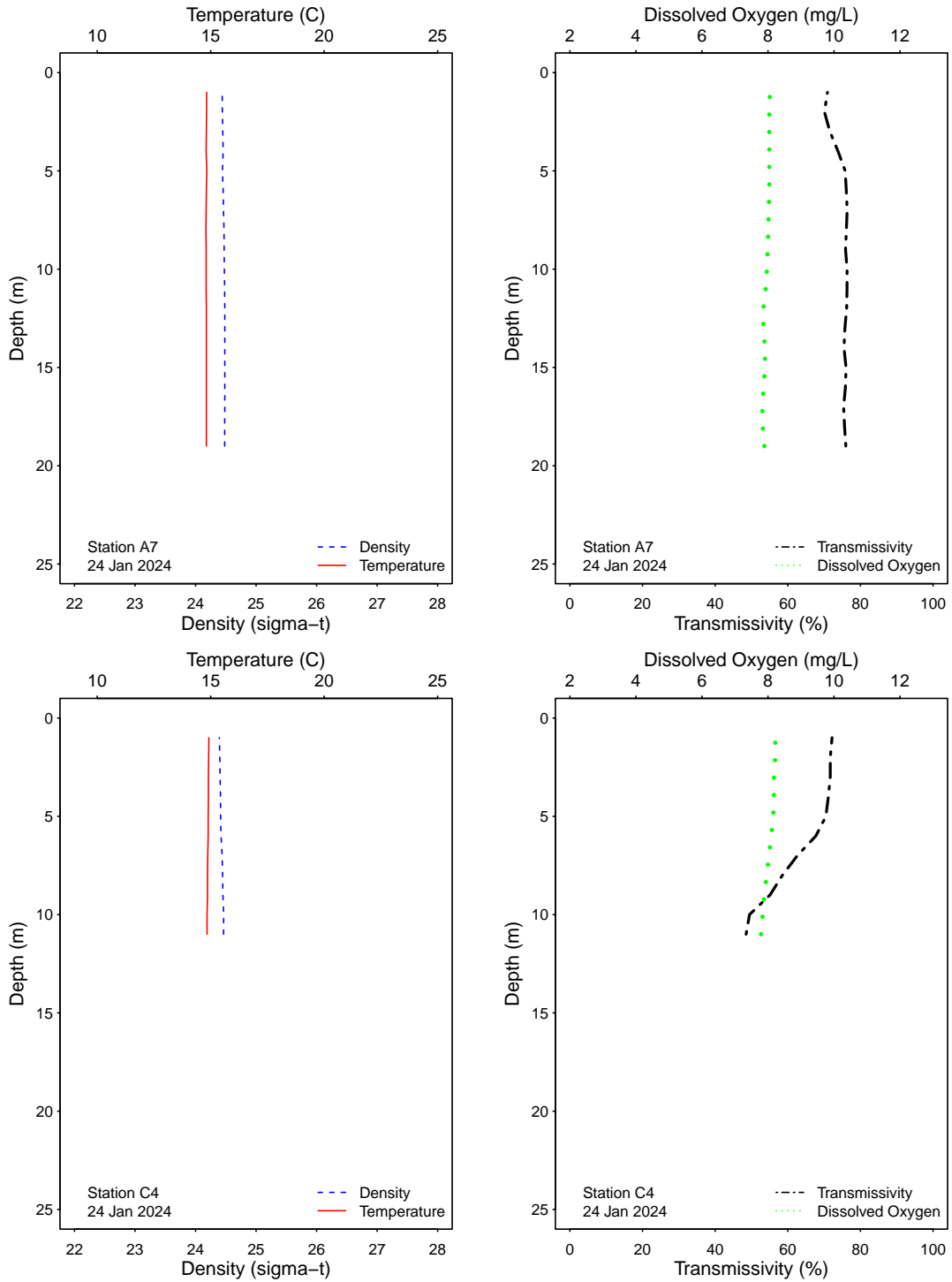


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

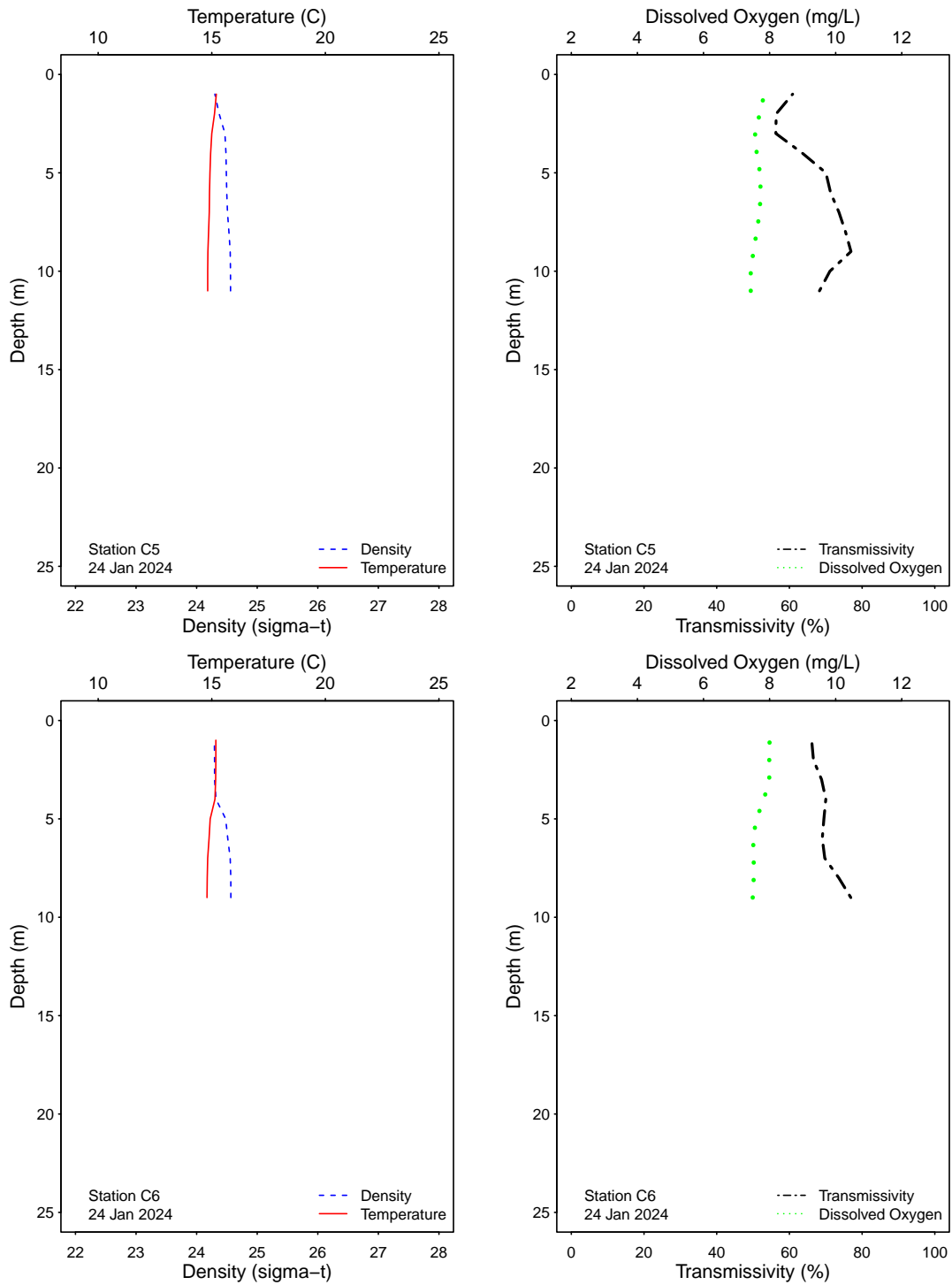


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

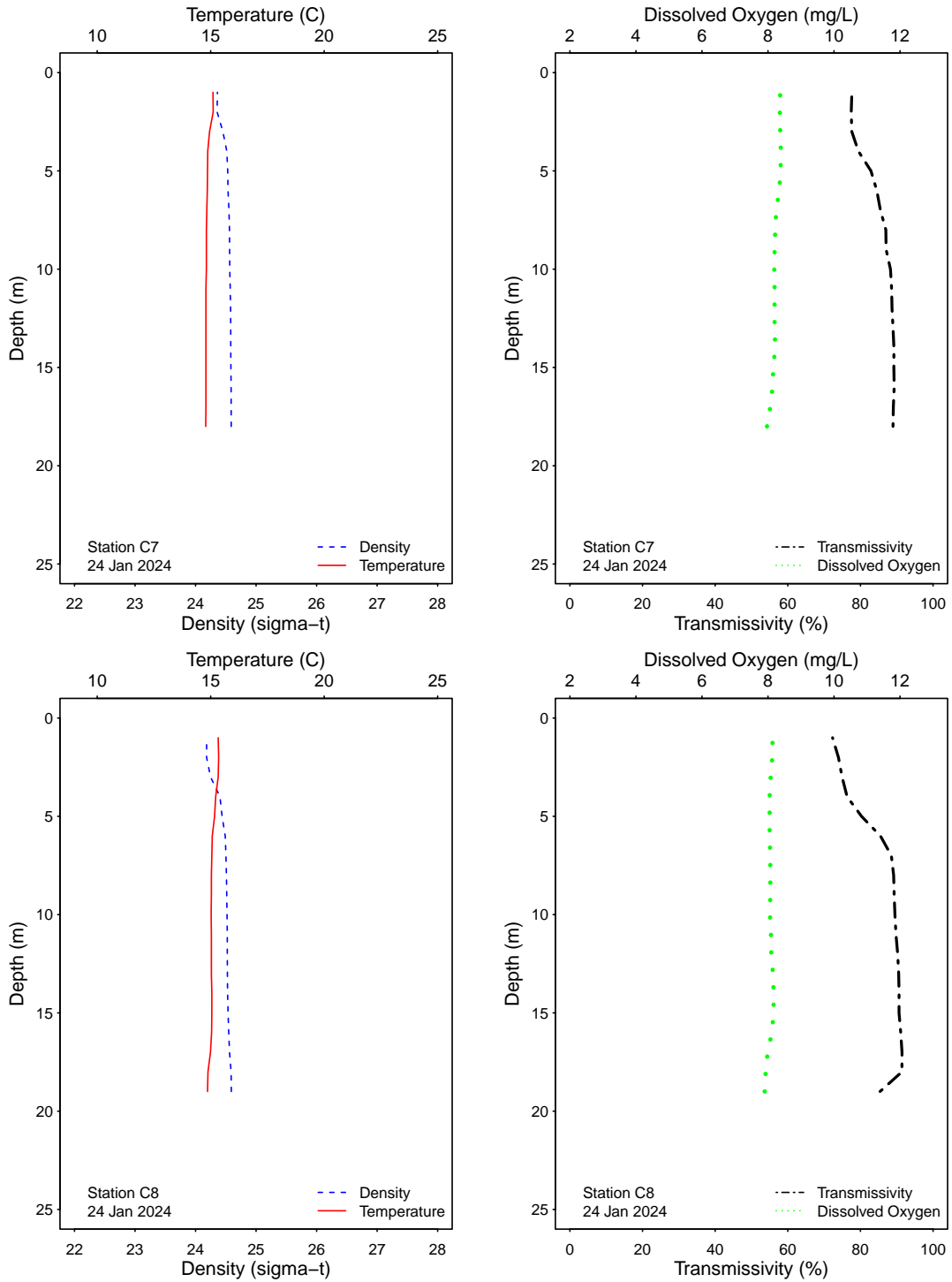


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

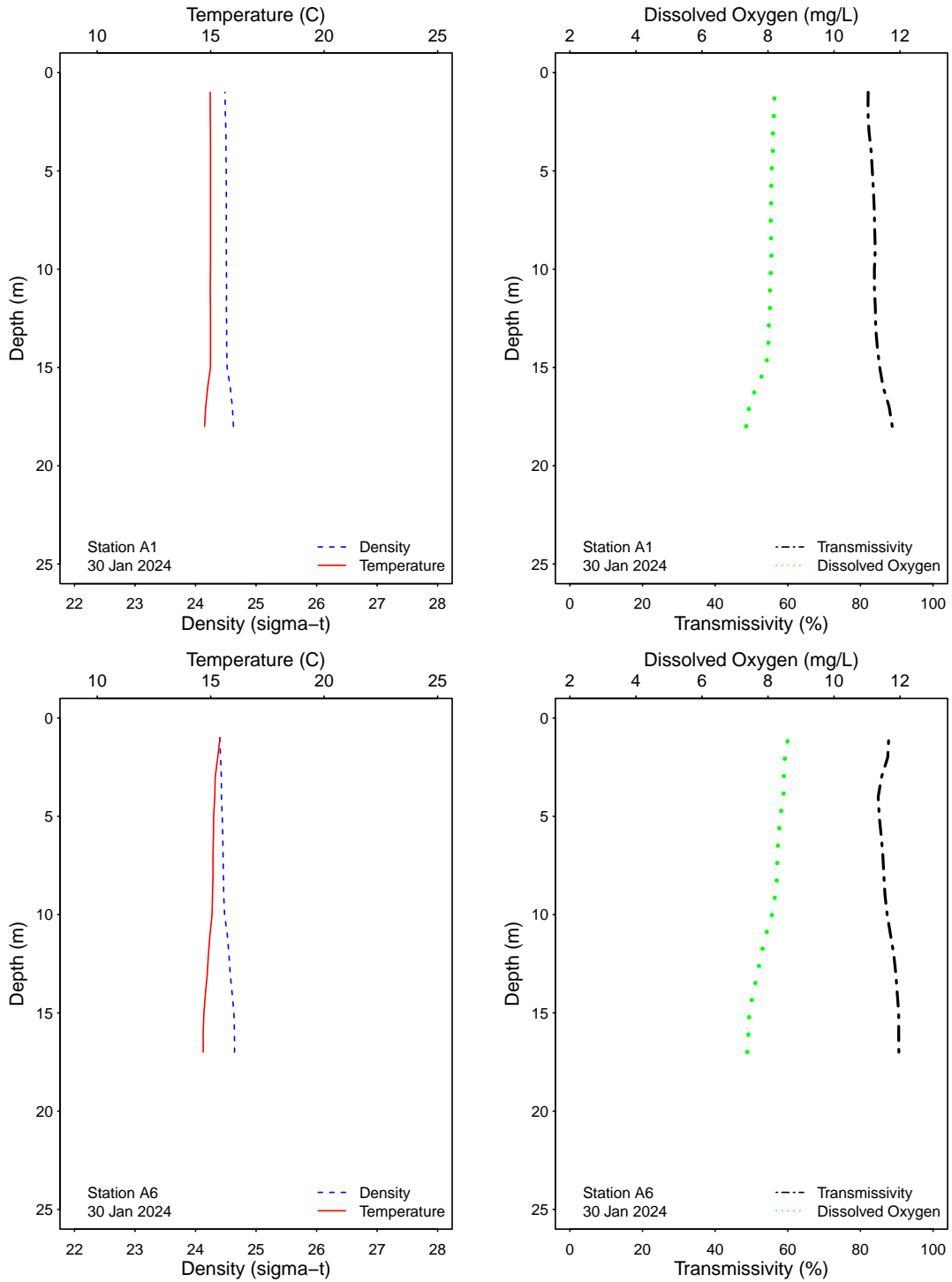


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

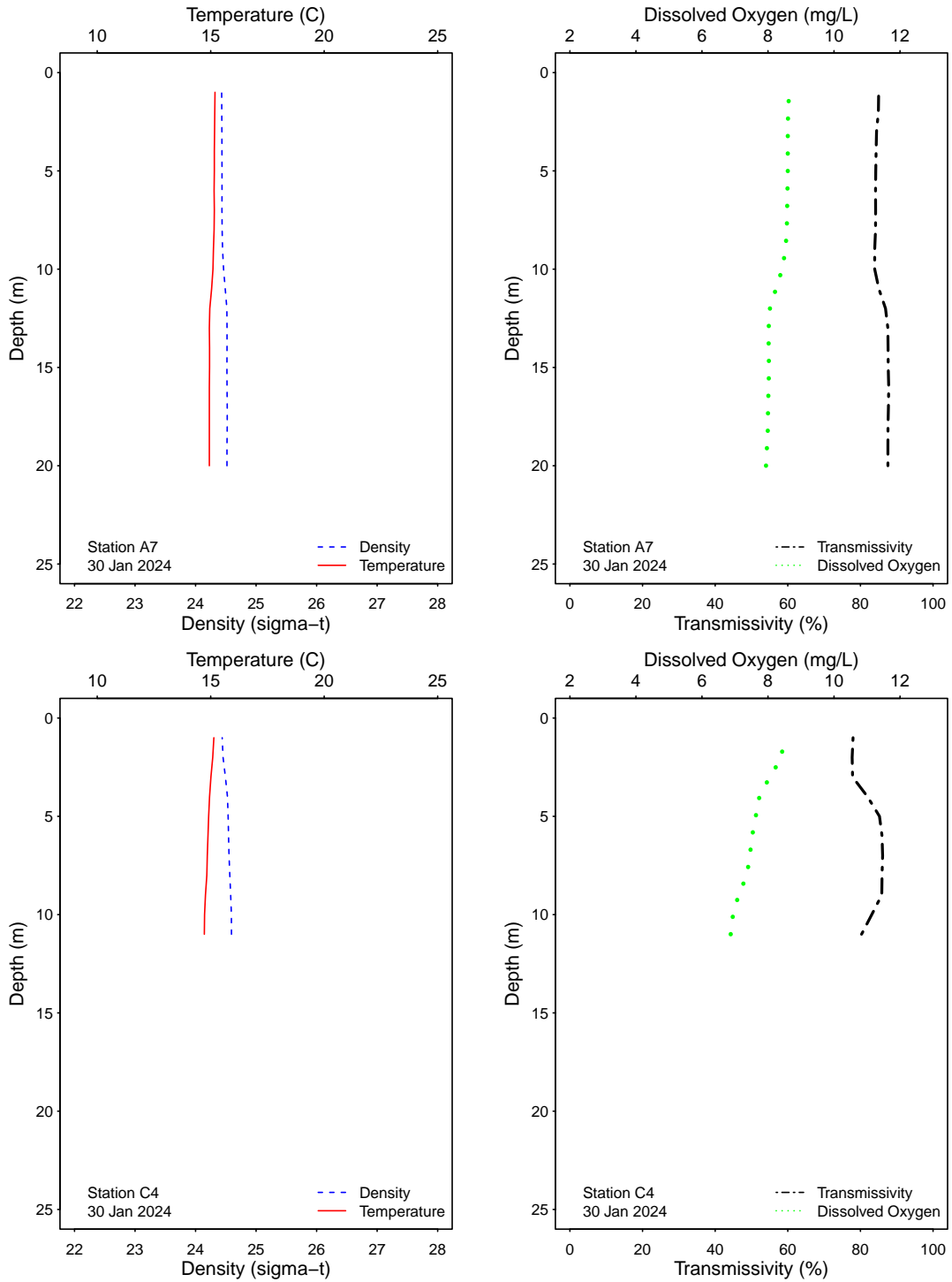


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

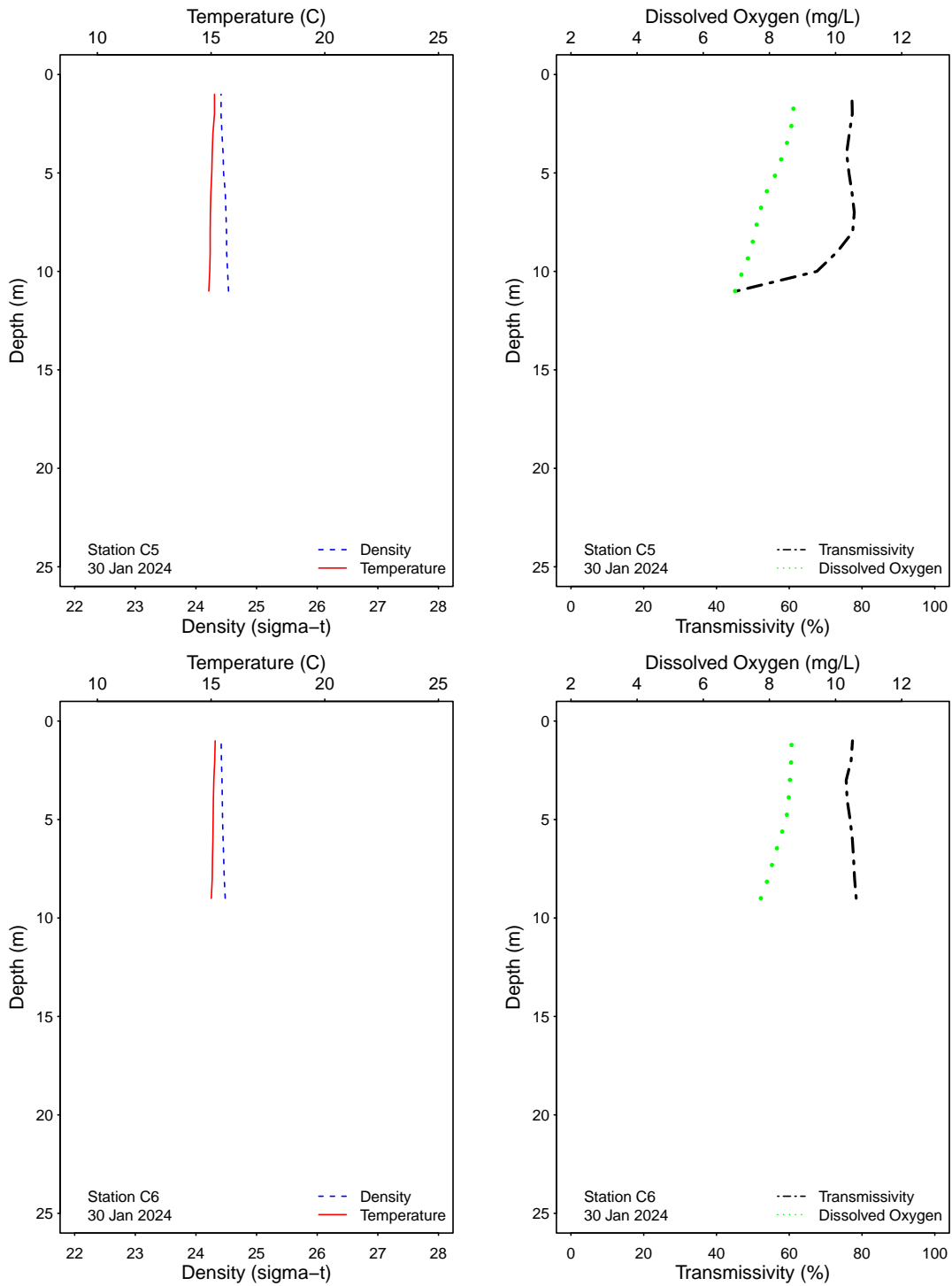


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

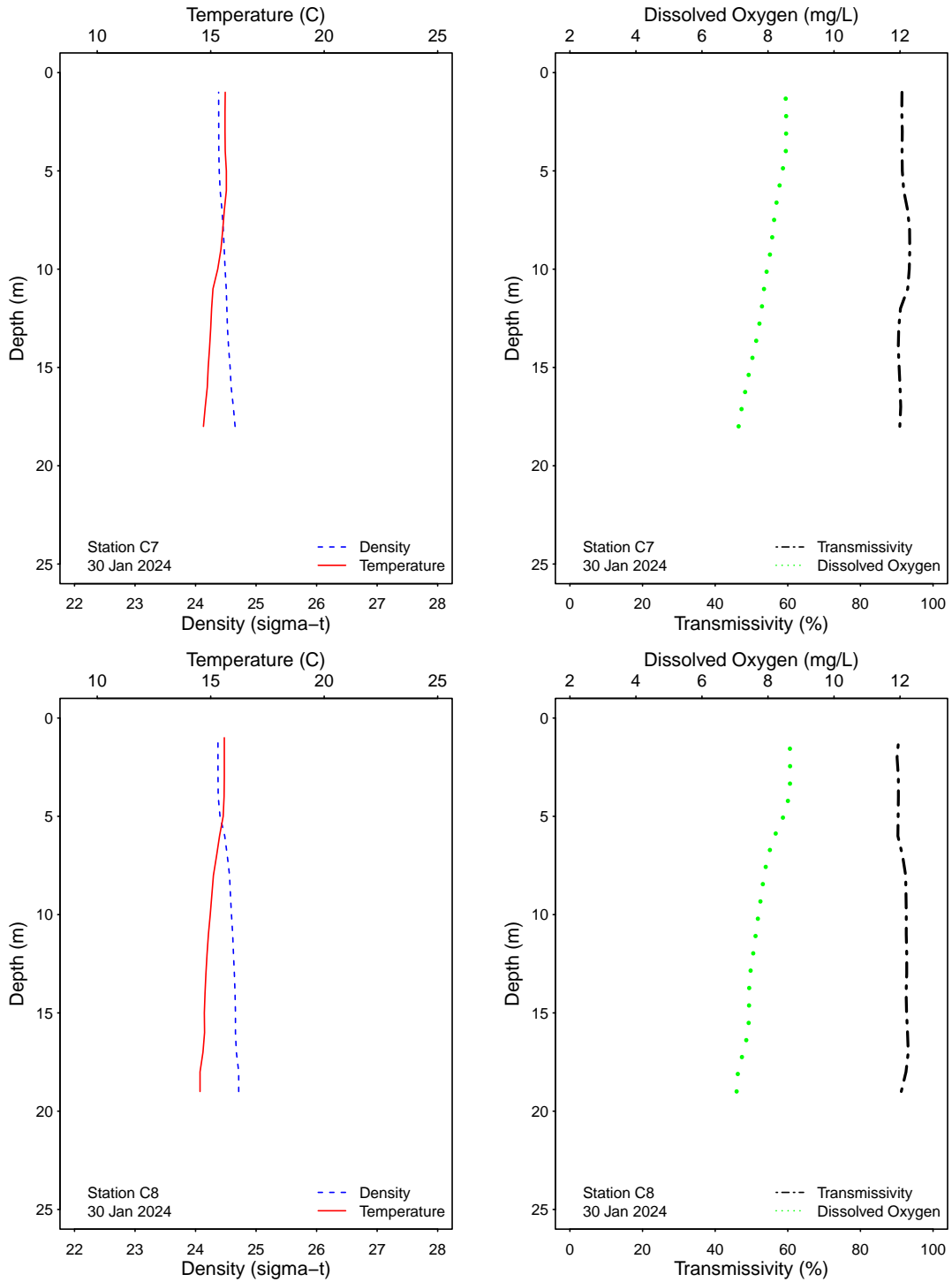


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

This page intentionally left blank

APPENDIX A

Quality Assurance

Table A.1

Summary of bacteriological quality assurance field and lab duplicate sample analyses at selected PLOO stations. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Entero) are reported as CFU/100 mL.

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
A7	02 Jan 2024	18	KA,JF,KT/KA	LAB DUPLICATE	6	2	2
A7	09 Jan 2024	18	JF,BS,KT/KT	LAB DUPLICATE	150	52	18
A7	17 Jan 2024	18	KA,JF,KT/KA	LAB DUPLICATE	2	2	2
A7	24 Jan 2024	18	KA,KT,JF/KT	LAB DUPLICATE	80	10	6
A7	30 Jan 2024	18	KA,JF,KT/JF	LAB DUPLICATE	2	2	2
C7	02 Jan 2024	18	KA,JF,KT/KA	LAB DUPLICATE	6	2	2
C7	09 Jan 2024	18	JF,BS,KT/KT	LAB DUPLICATE	150	52	56
C7	17 Jan 2024	18	KA,JF,KT/KA	LAB DUPLICATE	4	2	2
C7	24 Jan 2024	18	KA,KT,JF/KT	LAB DUPLICATE	30	2	12
C7	30 Jan 2024	18	KA,JF,KT/JF	LAB DUPLICATE	8	2	2
C8	02 Jan 2024	12	KA,JF,KT/KA	LAB DUPLICATE	2	2	2
C8	09 Jan 2024	12	JF,BS,KT/KT	LAB DUPLICATE	16	4	2
C8	17 Jan 2024	12	KA,JF,KT/KA	LAB DUPLICATE	2	2	2
C8	24 Jan 2024	12	KA,KT,JF/KT	LAB DUPLICATE	12	4	6
C8	30 Jan 2024	12	KA,JF,KT/JF	LAB DUPLICATE	4	2	2
D12	03 Jan 2024		KA,JF/JF	LAB DUPLICATE	20	2	2
D12	03 Jan 2024		KA,JF/JF	FIELD DUPLICATE	20	8	6
D12	10 Jan 2024		KT/KT	FIELD DUPLICATE	12	8	16
D12	10 Jan 2024		KT/KT	LAB DUPLICATE	18	6	12
D12	17 Jan 2024		JF,KA/KA	LAB DUPLICATE	2	2	2
D12	17 Jan 2024		JF,KA/KA	FIELD DUPLICATE	2	2	2
D12	24 Jan 2024		KA,JF/KT	FIELD DUPLICATE	500	260	260
D12	24 Jan 2024		KA,JF/KT	LAB DUPLICATE	320	120	180

ns = not sampled

ND = no data

This page intentionally left blank

APPENDIX B

Quality Assurance

Shore Stations

Table B.1

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 6 weeks unless otherwise noted (*). Values >30 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Jan 2024	2	7	2	9	4	6	6	3
02 Jan 2024	2	7	2	9	4	6	6	3
03 Jan 2024	2	5	2	7	4	6	7	3
04 Jan 2024	2	5	2	7	4	6	7	3
05 Jan 2024	2	5	2	7	4	6	7	3
06 Jan 2024	2	5	2	7	4	6	7	3
07 Jan 2024	2	5	2	7	4	6	7	3
08 Jan 2024	2	5	2	7	4	6	7	3
09 Jan 2024	2	5	2	7	4	6	7	3
10 Jan 2024	2	5	2	6	4	8	8	4
11 Jan 2024	2	5	2	6	4	8	8	4
12 Jan 2024	2	5	2	6	4	8	8	4
13 Jan 2024	2	5	2	6	4	8	8	4
14 Jan 2024	2	5	2	6	4	8	8	4
15 Jan 2024	2	5	2	6	4	8	8	4
16 Jan 2024	2	5	2	6	4	8	8	4
17 Jan 2024	2	4	2	5	3	9	11	4
18 Jan 2024	2	4	2	5	3	9	11	4
19 Jan 2024	2	4	2	5	3	9	11	4
20 Jan 2024	2	4	2	5	3	9	11	4
21 Jan 2024	2	4	2	5	3	9	11	4
22 Jan 2024	2	4	2	5	3	9	11	4
23 Jan 2024	2	4	2	5	3	9	11	4
24 Jan 2024	2	7	3	8	8	18	33	8
25 Jan 2024	2	7	3	8	8	18	33	8
26 Jan 2024	2	7	3	8	8	18	33	8
27 Jan 2024	2	7	3	8	8	18	33	8
28 Jan 2024	2	7	3	8	8	18	33	8
29 Jan 2024	2	7	3	8	8	18	33	8
30 Jan 2024	2	7	3	8	8	18	33	8
31 Jan 2024	2	8	4	11	10	28	51	10

* Geometric mean calculated using n<5

Table B.2

Summary of compliance at the PLOO shore stations with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 110 CFU/100 mL in more than 10% of samples per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
January	IC	IC	IC	E	E	E	E	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table B.3

Summary of compliance with the Ocean Plan's 30-day Median standard for total coliform bacteria at the PLOO shore stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >70 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Jan 2024	*11	*30	*11	*20	*20	*20	*50	*20
02 Jan 2024	*11	*30	*11	*20	*20	*20	*50	*20
03 Jan 2024	20	20	20	20	20	20	40	20
04 Jan 2024	20	20	20	20	20	20	40	20
05 Jan 2024	*20	*30	*11	*20	*20	*20	*50	*20
06 Jan 2024	*20	*30	*11	*20	*20	*20	*50	*20
07 Jan 2024	*20	*30	*11	*20	*20	*20	*50	*20
08 Jan 2024	*20	*30	*11	*20	*20	*20	*50	*20
09 Jan 2024	*20	*30	*11	*20	*20	*20	*50	*20
10 Jan 2024	20	40	2	20	20	20	40	20
11 Jan 2024	20	40	2	20	20	20	40	20
12 Jan 2024	*14	*60	*2	*30	*22	*20	*50	*15
13 Jan 2024	*14	*60	*2	*30	*22	*20	*50	*15
14 Jan 2024	*14	*60	*2	*30	*22	*20	*50	*15
15 Jan 2024	*14	*60	*2	*30	*22	*20	*50	*15
16 Jan 2024	*14	*60	*2	*30	*22	*20	*50	*15
17 Jan 2024	8	40	2	20	20	20	60	10
18 Jan 2024	8	40	2	20	20	20	60	10
19 Jan 2024	*14	*50	*2	*30	*22	*20	*50	*15
20 Jan 2024	*14	*50	*2	*30	*22	*20	*50	*15
21 Jan 2024	*14	*50	*2	*30	*22	*20	*50	*15
22 Jan 2024	*14	*50	*2	*30	*22	*20	*50	*15
23 Jan 2024	*14	*50	*2	*30	*22	*20	*50	*15
24 Jan 2024	20	80	2	40	24	20	60	20
25 Jan 2024	20	80	2	40	24	20	60	20
26 Jan 2024	*14	*50	*11	*30	*22	*20	*50	*15
27 Jan 2024	*14	*50	*11	*30	*22	*20	*50	*15
28 Jan 2024	*14	*50	*11	*30	*22	*20	*50	*15
29 Jan 2024	*14	*50	*11	*30	*22	*20	*50	*15
30 Jan 2024	*14	*50	*11	*30	*22	*20	*50	*15
31 Jan 2024	*14	*50	*11	*30	*22	*20	*50	*15

* Median calculated using n<5

Table B.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Statistical Threshold Value for total coliform bacteria, which states that total coliform density shall not exceed 230 CFU/100 mL in more than 10% of samples per station, per month.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
January	IC	IC	IC	E	E	E	E	E

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Kelp Stations

Table B.5

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 6 weeks unless otherwise noted (*). Values >30 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Jan 2024	2	3	2	2	2	3	2	2
02 Jan 2024	2	3	2	2	2	3	2	2
03 Jan 2024	2	3	2	2	2	3	2	2
04 Jan 2024	2	3	2	2	2	3	2	2
05 Jan 2024	2	3	2	2	2	3	2	2
06 Jan 2024	2	3	2	2	2	3	2	2
07 Jan 2024	2	3	2	2	2	3	2	2
08 Jan 2024	2	3	2	2	2	3	2	2
09 Jan 2024	3	3	3	2	2	3	3	3
10 Jan 2024	3	3	3	2	2	3	3	3
11 Jan 2024	3	3	3	2	2	3	3	3
12 Jan 2024	3	3	3	2	2	3	3	3
13 Jan 2024	3	3	3	2	2	3	3	3
14 Jan 2024	3	3	3	2	2	3	3	3
15 Jan 2024	3	3	3	2	2	3	3	3
16 Jan 2024	3	3	3	2	2	3	4	4
17 Jan 2024	3	3	3	2	2	3	3	3
18 Jan 2024	3	3	3	2	2	3	3	3
19 Jan 2024	3	3	3	2	2	3	3	3
20 Jan 2024	3	3	3	2	2	3	3	3
21 Jan 2024	3	3	3	2	2	3	3	3
22 Jan 2024	3	3	3	2	2	3	3	4
23 Jan 2024	3	3	3	2	2	3	3	4
24 Jan 2024	4	5	3	2	3	3	3	4
25 Jan 2024	4	5	3	2	3	3	3	4
26 Jan 2024	4	5	3	2	3	3	3	4
27 Jan 2024	4	5	3	2	3	3	3	4
28 Jan 2024	4	5	3	2	3	3	3	4
29 Jan 2024	5	5	4	3	3	3	4	5
30 Jan 2024	4	5	3	2	3	3	3	4
31 Jan 2024	4	5	3	2	3	3	3	4

* Geometric mean calculated using n<5

Table B.6

Summary of compliance at the PLOO shore stations with the Ocean Plan's Statistical Threshold Value standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 110 CFU/100 mL in more than 10% of samples per month.

Date	A1	A6	A7	C4	C5	C6	C7	C8
January	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table B.7

Summary of compliance with the Ocean Plan's 30-day Median¹¹ standard for total coliform bacteria at the PLOO kelp stations. Data are based on the median of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >70 CFU/100 mL exceed the standard.

Date	A1			A6			A7			C4			C5			C6			C7			C8		
	1m	12m	18m	1m	12m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
01 Jan 2024	*2	*2	*18	*2	*16	*48	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
02 Jan 2024	2	2	18	2	12	16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
03 Jan 2024	2	2	18	2	12	16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
04 Jan 2024	*2	*2	*10	*2	*36	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
05 Jan 2024	*2	*2	*10	*2	*36	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
06 Jan 2024	*2	*2	*10	*2	*36	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
07 Jan 2024	*2	*2	*10	*2	*36	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
08 Jan 2024	*2	*2	*10	*2	*36	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
09 Jan 2024	2	2	18	2	20	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
11 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
12 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
13 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
14 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
15 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
16 Jan 2024	*3	*20	*47	*2	*36	*65	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
17 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
18 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
19 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
20 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
21 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
22 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
23 Jan 2024	*3	*20	*56	*2	*14	*40	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
24 Jan 2024	4	38	92	2	18	60	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25 Jan 2024	*22	*20	*56	*5	*14	*40	*21	*37	*51	*2	*3	*5	*4	*22	*28	*37	*17	*2	*9	*22	*2	*11	*61	*61
26 Jan 2024	*22	*20	*56	*5	*14	*40	*21	*37	*51	*2	*3	*5	*4	*22	*28	*37	*17	*2	*9	*22	*2	*11	*61	*61
27 Jan 2024	*22	*20	*56	*5	*14	*40	*21	*37	*51	*2	*3	*5	*4	*22	*28	*37	*17	*2	*9	*22	*2	*11	*61	*61
28 Jan 2024	*22	*20	*56	*5	*14	*40	*21	*37	*51	*2	*3	*5	*4	*22	*28	*37	*17	*2	*9	*22	*2	*11	*61	*61
29 Jan 2024	*22	*20	*56	*5	*14	*40	*21	*37	*51	*2	*3	*5	*4	*22	*28	*37	*17	*2	*9	*22	*2	*11	*61	*61
30 Jan 2024	2	2	20	2	10	20	2	2	2	2	2	2	2	2	20	2	4	4	4	4	4	2	4	4
31 Jan 2024	2	2	20	2	10	20	2	2	2	2	2	2	2	2	20	2	4	4	4	4	4	2	4	4

* Median calculated using n<5

Table B.8

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Statistical Threshold Value for total coliform bacteria, which states that total coliform density shall not exceed 230 CFU/100 mL in more than 10

Date	A1		A6		A7		C4		C5		C6			C7		C8	
	1m	18m	1m	12m	18m	1m	3m	9m	1m	3m	9m	1m	12m	18m	1m	12m	18m
January	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC
	E	IC	IC	IC	IC	IC	IC	IC	IC	IC	E	IC	IC	IC	IC	IC	IC

IC = In Compliance
 E = Exceedance
 ns = not sampled
 ND = no data