

# **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 2026**

Environmental Monitoring and Technical Services  
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February 28, 2026

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 2026 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:

- Over the past several years, due to increasing instability in some cliffside areas of Point Loma, City staff have periodically been unable to safely access and sample some stations. As a result, after consultation with and approval by the Regional Board, the sampling location has varied between D8, D8-A and D8-B. Access to site D8 was recently restored and sampling at D8 resumed in March 2025.

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  $\geq 4$  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, chromomorphic 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)<sup>1</sup>. 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

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<sup>1</sup> 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.

### Single Sample Maximums:

- (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, 1987<sup>2</sup>) 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 2026 Quality Assurance Report, which will be completed in March 2027.

## 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, D9, D10, D11, D12) were sampled on January 7, 15, 21, and 28.
- During the January reporting period, each of the eight shore stations was in compliance with the various 2015 California Ocean Plan (Ocean Plan) water contact standards.
- A sewage-like odor was detected at station D12 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 *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 6, 12, 20, and 27.
- 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.

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

- Water column temperatures ranged from 14.51 to 17.03°C. The difference between surface and bottom waters ranged from 0.01 to 2.39°C.
- Chlorophyll *a* concentrations ranged from 0.31 to 2.27 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 2026.



# TABLES AND FIGURES



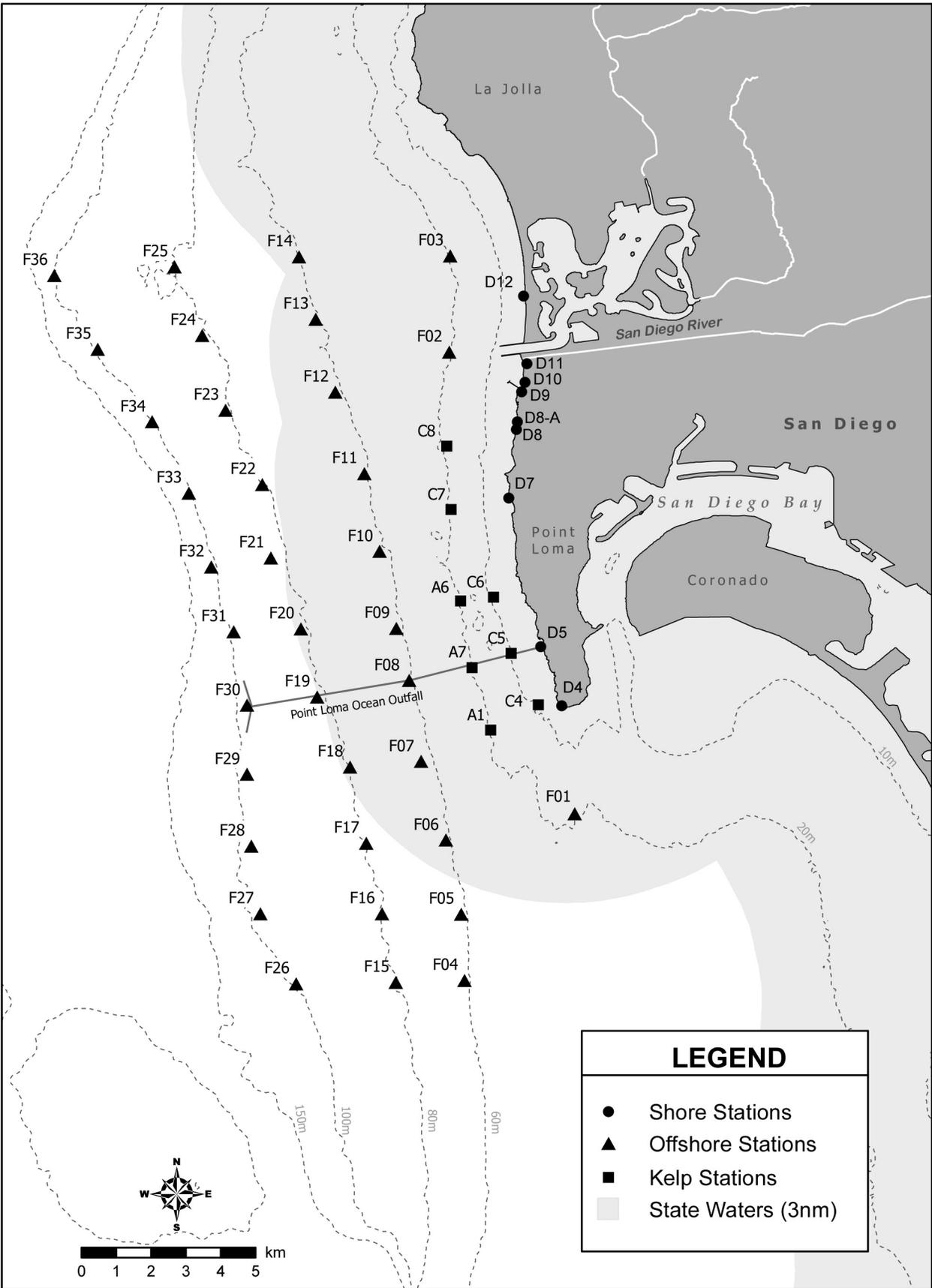


Figure 1.1 Station Map

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# 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	D9	D10	D11	D12
01 Jan 2026	3	5	4	8	3	20	10	6
02 Jan 2026	*3	*4	*5	*7	*2	*11	*6	*7
03 Jan 2026	*3	*4	*5	*7	*2	*11	*6	*7
04 Jan 2026	*3	*4	*5	*7	*2	*11	*6	*7
05 Jan 2026	*3	*4	*5	*7	*2	*11	*6	*7
06 Jan 2026	*3	*4	*5	*7	*2	*11	*6	*7
07 Jan 2026	3	4	4	8	2	10	6	5
08 Jan 2026	3	4	4	8	2	10	6	5
09 Jan 2026	*3	*5	*5	*10	*2	*7	*7	*4
10 Jan 2026	*3	*5	*5	*10	*2	*7	*7	*4
11 Jan 2026	*3	*5	*5	*10	*2	*7	*7	*4
12 Jan 2026	*3	*5	*5	*10	*2	*7	*7	*4
13 Jan 2026	*3	*5	*5	*10	*2	*7	*7	*4
14 Jan 2026	*3	*5	*5	*10	*2	*7	*7	*4
15 Jan 2026	3	4	5	8	2	5	5	5
16 Jan 2026	3	4	5	8	2	5	5	5
17 Jan 2026	*3	*3	*6	*11	*2	*5	*3	*7
18 Jan 2026	*3	*3	*6	*11	*2	*5	*3	*7
19 Jan 2026	*3	*3	*6	*11	*2	*5	*3	*7
20 Jan 2026	*3	*3	*6	*11	*2	*5	*3	*7
21 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
22 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
23 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
24 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
25 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
26 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
27 Jan 2026	*3	*4	*5	*5	*2	*10	*4	*4
28 Jan 2026	2	4	4	5	2	8	3	4
29 Jan 2026	*2	*4	*3	*5	*2	*9	*4	*5
30 Jan 2026	*2	*4	*3	*5	*2	*9	*4	*5
31 Jan 2026	*2	*4	*3	*5	*2	*9	*4	*5

\* 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	D9	D10	D11	D12
07 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
15 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
21 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
28 Jan 2026	IC	IC	IC	IC	IC	IC	IC	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	D9	D10	D11	D12
01 Jan 2026	4	4	3	16	4	5	8	4
02 Jan 2026	*5	*3	*2	*11	*3	*3	*5	*4
03 Jan 2026	*5	*3	*2	*11	*3	*3	*5	*4
04 Jan 2026	*5	*3	*2	*11	*3	*3	*5	*4
05 Jan 2026	*5	*3	*2	*11	*3	*3	*5	*4
06 Jan 2026	*5	*3	*2	*11	*3	*3	*5	*4
07 Jan 2026	5	3	2	10	3	3	4	4
08 Jan 2026	5	3	2	10	3	3	4	4
09 Jan 2026	*6	*4	*2	*15	*3	*2	*5	*5
10 Jan 2026	*6	*4	*2	*15	*3	*2	*5	*5
11 Jan 2026	*6	*4	*2	*15	*3	*2	*5	*5
12 Jan 2026	*6	*4	*2	*15	*3	*2	*5	*5
13 Jan 2026	*6	*4	*2	*15	*3	*2	*5	*5
14 Jan 2026	*6	*4	*2	*15	*3	*2	*5	*5
15 Jan 2026	5	3	2	10	3	2	4	6
16 Jan 2026	5	3	2	10	3	2	4	6
17 Jan 2026	*5	*3	*2	*7	*4	*2	*2	*7
18 Jan 2026	*5	*3	*2	*7	*4	*2	*2	*7
19 Jan 2026	*5	*3	*2	*7	*4	*2	*2	*7
20 Jan 2026	*5	*3	*2	*7	*4	*2	*2	*7
21 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
22 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
23 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
24 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
25 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
26 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
27 Jan 2026	*3	*3	*2	*12	*3	*4	*4	*10
28 Jan 2026	3	2	2	8	3	3	4	7
29 Jan 2026	*3	*3	*2	*6	*3	*4	*4	*7
30 Jan 2026	*3	*3	*2	*6	*3	*4	*4	*7
31 Jan 2026	*3	*3	*2	*6	*3	*4	*4	*7

\* 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.

Date	D4	D5	D7	D8	D9	D10	D11	D12
07 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
15 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
21 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
28 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC

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	D9	D10	D11	D12
01 Jan 2026	9	28	10	86	25	58	32	17
02 Jan 2026	*8	*11	*9	*53	*14	*34	*19	*16
03 Jan 2026	*8	*11	*9	*53	*14	*34	*19	*16
04 Jan 2026	*8	*11	*9	*53	*14	*34	*19	*16
05 Jan 2026	*8	*11	*9	*53	*14	*34	*19	*16
06 Jan 2026	*8	*11	*9	*53	*14	*34	*19	*16
07 Jan 2026	6	17	7	60	17	38	24	12
08 Jan 2026	6	17	7	60	17	38	24	12
09 Jan 2026	*8	*28	*10	*107	*25	*26	*25	*10
10 Jan 2026	*8	*28	*10	*107	*25	*26	*25	*10
11 Jan 2026	*8	*28	*10	*107	*25	*26	*25	*10
12 Jan 2026	*8	*28	*10	*107	*25	*26	*25	*10
13 Jan 2026	*8	*28	*10	*107	*25	*26	*25	*10
14 Jan 2026	*8	*28	*10	*107	*25	*26	*25	*10
15 Jan 2026	6	26	7	88	22	21	19	10
16 Jan 2026	6	26	7	88	22	21	19	10
17 Jan 2026	*4	*16	*6	*127	*18	*22	*16	*13
18 Jan 2026	*4	*16	*6	*127	*18	*22	*16	*13
19 Jan 2026	*4	*16	*6	*127	*18	*22	*16	*13
20 Jan 2026	*4	*16	*6	*127	*18	*22	*16	*13
21 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
22 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
23 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
24 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
25 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
26 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
27 Jan 2026	*17	*16	*5	*96	*17	*46	*25	*6
28 Jan 2026	11	17	6	70	15	37	17	8
29 Jan 2026	*14	*28	*5	*42	*15	*45	*18	*6
30 Jan 2026	*14	*28	*5	*42	*15	*45	*18	*6
31 Jan 2026	*14	*28	*5	*42	*15	*45	*18	*6

\* 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  $10^4$  CFU/100 mL.

Date	D4	D5	D7	D8	D9	D10	D11	D12
07 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
15 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
21 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
28 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC

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	D9	D10	D11	D12
07 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
15 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
21 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
28 Jan 2026	IC	IC	IC	IC	IC	IC	IC	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	07 Jan 2026	950	60e	6e	2e
D10	15 Jan 2026	936	10e	<2	<2
D10	21 Jan 2026	840	420	140e	28e
D10	28 Jan 2026	841	16e	4e	2e
D11	07 Jan 2026	937	60e	6e	2e
D11	15 Jan 2026	932	6e	2e	2e
D11	21 Jan 2026	824	80e	8e	38e
D11	28 Jan 2026	830	4e	<2	<2
D12	07 Jan 2026	917	4e	2e	8e
D12	15 Jan 2026	855	10e	24e	16e
D12	21 Jan 2026	747	2e	<2	8e
D12	28 Jan 2026	808	<20	6e	<2
D4	07 Jan 2026	1142	2e	<2	6e
D4	15 Jan 2026	1124	<2	<2	<2
D4	21 Jan 2026	1035	4800	<2	2e
D4	28 Jan 2026	1004	<2	<2	<2
D5	07 Jan 2026	1131	80e	8e	6e
D5	15 Jan 2026	1149	20e	<2	<2
D5	21 Jan 2026	1023	<20	12e	2e
D5	28 Jan 2026	1019	20e	<2	<2
D7	07 Jan 2026	1049	4e	4e	<2
D7	15 Jan 2026	1058	2e	4e	2e
D7	21 Jan 2026	922	4e	<2	<2
D7	28 Jan 2026	926	<20	<2	<2
D8	07 Jan 2026	1019	100e	12e	6e
D8	15 Jan 2026	1036	40e	4e	<2
D8	21 Jan 2026	908	40e	2e	60e
D8	28 Jan 2026	912	<20	6e	<2
D9	07 Jan 2026	1006	40e	2e	4e
D9	15 Jan 2026	1017	12e	<2	4e
D9	21 Jan 2026	855	14e	2e	<2
D9	28 Jan 2026	858	8e	2e	<2

ns = not sampled

ND = no data

**Table 2.9**

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

Station	Date	Parameter	Value
D4	07 Jan 2026	Arrive Time	1142
D4	07 Jan 2026	Wind Speed (kts)	1.9
D4	07 Jan 2026	Wind Dir	W
D4	07 Jan 2026	Animal Life	
D4	07 Jan 2026	Floatables	
D4	07 Jan 2026	Current Direction	S
D4	07 Jan 2026	Water Temp (C)	17.3
D4	07 Jan 2026	High Tide Time	4
D4	07 Jan 2026	Low Tide Time	529
D4	07 Jan 2026	Comments	Water clear; Trash-3; Kelp;Seagrass;Algae;Debris
D4	15 Jan 2026	Arrive Time	1124
D4	15 Jan 2026	Wind Speed (kts)	3.1
D4	15 Jan 2026	Wind Dir	W
D4	15 Jan 2026	Animal Life	
D4	15 Jan 2026	Floatables	
D4	15 Jan 2026	Current Direction	S
D4	15 Jan 2026	Water Temp (C)	15.2
D4	15 Jan 2026	High Tide Time	626
D4	15 Jan 2026	Low Tide Time	6
D4	15 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-5; Boater/Kayaker-3; Trash-3; Seagrass;Algae
D4	21 Jan 2026	Arrive Time	1035
D4	21 Jan 2026	Wind Speed (kts)	1.3
D4	21 Jan 2026	Wind Dir	SW
D4	21 Jan 2026	Animal Life	
D4	21 Jan 2026	Floatables	
D4	21 Jan 2026	Current Direction	S
D4	21 Jan 2026	Water Temp (C)	14.8
D4	21 Jan 2026	High Tide Time	950
D4	21 Jan 2026	Low Tide Time	356
D4	21 Jan 2026	Comments	Water clear; Trash-4; Algae;Seagrass;Debris
D4	28 Jan 2026	Arrive Time	1004
D4	28 Jan 2026	Wind Speed (kts)	0
D4	28 Jan 2026	Wind Dir	XX
D4	28 Jan 2026	Animal Life	
D4	28 Jan 2026	Floatables	
D4	28 Jan 2026	Current Direction	S
D4	28 Jan 2026	Water Temp (C)	15
D4	28 Jan 2026	High Tide Time	435
D4	28 Jan 2026	Low Tide Time	1231
D4	28 Jan 2026	Comments	Water clear; Trash-2; Kelp;Seagrass;Algae
D5	07 Jan 2026	Arrive Time	1131
D5	07 Jan 2026	Wind Speed (kts)	2.9
D5	07 Jan 2026	Wind Dir	W
D5	07 Jan 2026	Animal Life	
D5	07 Jan 2026	Floatables	Foam; Film
D5	07 Jan 2026	Current Direction	S
D5	07 Jan 2026	Water Temp (C)	15.1
D5	07 Jan 2026	High Tide Time	4
D5	07 Jan 2026	Low Tide Time	529
D5	07 Jan 2026	Comments	Water turbid; Trash-1; Debris;Algae

Station	Date	Parameter	Value
D5	15 Jan 2026	Arrive Time	1149
D5	15 Jan 2026	Wind Speed (kts)	0
D5	15 Jan 2026	Wind Dir	XX
D5	15 Jan 2026	Animal Life	Bird-10;
D5	15 Jan 2026	Floatables	
D5	15 Jan 2026	Current Direction	S
D5	15 Jan 2026	Water Temp (C)	16.4
D5	15 Jan 2026	High Tide Time	626
D5	15 Jan 2026	Low Tide Time	6
D5	15 Jan 2026	Comments	Water clear; Trash-2; Kelp;Algae;Seagrass
D5	21 Jan 2026	Arrive Time	1023
D5	21 Jan 2026	Wind Speed (kts)	0
D5	21 Jan 2026	Wind Dir	XX
D5	21 Jan 2026	Animal Life	
D5	21 Jan 2026	Floatables	
D5	21 Jan 2026	Current Direction	S
D5	21 Jan 2026	Water Temp (C)	15.4
D5	21 Jan 2026	High Tide Time	950
D5	21 Jan 2026	Low Tide Time	356
D5	21 Jan 2026	Comments	Water clear; Trash-2; Algae
D5	28 Jan 2026	Arrive Time	1019
D5	28 Jan 2026	Wind Speed (kts)	0
D5	28 Jan 2026	Wind Dir	XX
D5	28 Jan 2026	Animal Life	
D5	28 Jan 2026	Floatables	
D5	28 Jan 2026	Current Direction	S
D5	28 Jan 2026	Water Temp (C)	14.8
D5	28 Jan 2026	High Tide Time	435
D5	28 Jan 2026	Low Tide Time	1231
D5	28 Jan 2026	Comments	Water clear; Trash-3; Algae;Kelp;Seagrass
D7	07 Jan 2026	Arrive Time	1049
D7	07 Jan 2026	Wind Speed (kts)	1.9
D7	07 Jan 2026	Wind Dir	SW
D7	07 Jan 2026	Animal Life	
D7	07 Jan 2026	Floatables	
D7	07 Jan 2026	Current Direction	S
D7	07 Jan 2026	Water Temp (C)	15.4
D7	07 Jan 2026	High Tide Time	4
D7	07 Jan 2026	Low Tide Time	529
D7	07 Jan 2026	Comments	Water clear; Trash-1; Algae
D7	15 Jan 2026	Arrive Time	1058
D7	15 Jan 2026	Wind Speed (kts)	3.1
D7	15 Jan 2026	Wind Dir	N
D7	15 Jan 2026	Animal Life	
D7	15 Jan 2026	Floatables	
D7	15 Jan 2026	Current Direction	S
D7	15 Jan 2026	Water Temp (C)	14
D7	15 Jan 2026	High Tide Time	626
D7	15 Jan 2026	Low Tide Time	6
D7	15 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-11; Trash-1; Algae;Sea-grass
D7	21 Jan 2026	Arrive Time	922
D7	21 Jan 2026	Wind Speed (kts)	3.3
D7	21 Jan 2026	Wind Dir	SW
D7	21 Jan 2026	Animal Life	
D7	21 Jan 2026	Floatables	

Station	Date	Parameter	Value
D7	21 Jan 2026	Current Direction	S
D7	21 Jan 2026	Water Temp (C)	15.6
D7	21 Jan 2026	High Tide Time	950
D7	21 Jan 2026	Low Tide Time	356
D7	21 Jan 2026	Comments	Water clear; Trash-1; Algae
D7	28 Jan 2026	Arrive Time	926
D7	28 Jan 2026	Wind Speed (kts)	0
D7	28 Jan 2026	Wind Dir	XX
D7	28 Jan 2026	Animal Life	
D7	28 Jan 2026	Floatables	
D7	28 Jan 2026	Current Direction	S
D7	28 Jan 2026	Water Temp (C)	14
D7	28 Jan 2026	High Tide Time	435
D7	28 Jan 2026	Low Tide Time	1231
D7	28 Jan 2026	Comments	Water clear; Trash-1; Algae; Person/Walker/Jogger-3
D8	07 Jan 2026	Arrive Time	1019
D8	07 Jan 2026	Wind Speed (kts)	1.3
D8	07 Jan 2026	Wind Dir	SW
D8	07 Jan 2026	Animal Life	
D8	07 Jan 2026	Floatables	
D8	07 Jan 2026	Current Direction	S
D8	07 Jan 2026	Water Temp (C)	16
D8	07 Jan 2026	High Tide Time	4
D8	07 Jan 2026	Low Tide Time	529
D8	07 Jan 2026	Comments	Water turbid; Trash-2; Algae;Kelp;Seagrass;Debris
D8	15 Jan 2026	Arrive Time	1036
D8	15 Jan 2026	Wind Speed (kts)	0.9
D8	15 Jan 2026	Wind Dir	N
D8	15 Jan 2026	Animal Life	
D8	15 Jan 2026	Floatables	
D8	15 Jan 2026	Current Direction	S
D8	15 Jan 2026	Water Temp (C)	15
D8	15 Jan 2026	High Tide Time	626
D8	15 Jan 2026	Low Tide Time	6
D8	15 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-4; Trash-1; Kelp;Sea-grass;Algae
D8	21 Jan 2026	Arrive Time	908
D8	21 Jan 2026	Wind Speed (kts)	1.5
D8	21 Jan 2026	Wind Dir	W
D8	21 Jan 2026	Animal Life	
D8	21 Jan 2026	Floatables	
D8	21 Jan 2026	Current Direction	S
D8	21 Jan 2026	Water Temp (C)	14.8
D8	21 Jan 2026	High Tide Time	950
D8	21 Jan 2026	Low Tide Time	356
D8	21 Jan 2026	Comments	Water clear; Trash-2; Algae;Debris
D8	28 Jan 2026	Arrive Time	912
D8	28 Jan 2026	Wind Speed (kts)	0
D8	28 Jan 2026	Wind Dir	XX
D8	28 Jan 2026	Animal Life	
D8	28 Jan 2026	Floatables	
D8	28 Jan 2026	Current Direction	S
D8	28 Jan 2026	Water Temp (C)	13.6
D8	28 Jan 2026	High Tide Time	435
D8	28 Jan 2026	Low Tide Time	1231
D8	28 Jan 2026	Comments	Water clear; Trash-1; Kelp;Seagrass;Algae

Station	Date	Parameter	Value
D9	07 Jan 2026	Arrive Time	1006
D9	07 Jan 2026	Wind Speed (kts)	3.3
D9	07 Jan 2026	Wind Dir	S
D9	07 Jan 2026	Animal Life	
D9	07 Jan 2026	Floatables	
D9	07 Jan 2026	Current Direction	S
D9	07 Jan 2026	Water Temp (C)	16.1
D9	07 Jan 2026	High Tide Time	4
D9	07 Jan 2026	Low Tide Time	529
D9	07 Jan 2026	Comments	Water clear; Trash-2; Algae
D9	15 Jan 2026	Arrive Time	1017
D9	15 Jan 2026	Wind Speed (kts)	1.4
D9	15 Jan 2026	Wind Dir	W
D9	15 Jan 2026	Animal Life	
D9	15 Jan 2026	Floatables	
D9	15 Jan 2026	Current Direction	S
D9	15 Jan 2026	Water Temp (C)	15.4
D9	15 Jan 2026	High Tide Time	626
D9	15 Jan 2026	Low Tide Time	6
D9	15 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-1; Trash-1; Algae; Person/Walker/Jogger-1
D9	21 Jan 2026	Arrive Time	855
D9	21 Jan 2026	Wind Speed (kts)	2.5
D9	21 Jan 2026	Wind Dir	W
D9	21 Jan 2026	Animal Life	
D9	21 Jan 2026	Floatables	
D9	21 Jan 2026	Current Direction	S
D9	21 Jan 2026	Water Temp (C)	14.6
D9	21 Jan 2026	High Tide Time	950
D9	21 Jan 2026	Low Tide Time	356
D9	21 Jan 2026	Comments	Water clear; Trash-2; Algae
D9	28 Jan 2026	Arrive Time	858
D9	28 Jan 2026	Wind Speed (kts)	0.8
D9	28 Jan 2026	Wind Dir	E
D9	28 Jan 2026	Animal Life	
D9	28 Jan 2026	Floatables	
D9	28 Jan 2026	Current Direction	S
D9	28 Jan 2026	Water Temp (C)	12.7
D9	28 Jan 2026	High Tide Time	435
D9	28 Jan 2026	Low Tide Time	1231
D9	28 Jan 2026	Comments	Water clear; Trash-1; Algae
D10	07 Jan 2026	Arrive Time	950
D10	07 Jan 2026	Wind Speed (kts)	3.4
D10	07 Jan 2026	Wind Dir	SW
D10	07 Jan 2026	Animal Life	
D10	07 Jan 2026	Floatables	
D10	07 Jan 2026	Current Direction	S
D10	07 Jan 2026	Water Temp (C)	16.3
D10	07 Jan 2026	High Tide Time	4
D10	07 Jan 2026	Low Tide Time	529
D10	07 Jan 2026	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris; Person/Walker/Jogger-1
D10	15 Jan 2026	Arrive Time	936
D10	15 Jan 2026	Wind Speed (kts)	1.9
D10	15 Jan 2026	Wind Dir	S

Station	Date	Parameter	Value
D10	15 Jan 2026	Animal Life	
D10	15 Jan 2026	Floatables	
D10	15 Jan 2026	Current Direction	S
D10	15 Jan 2026	Water Temp (C)	13.5
D10	15 Jan 2026	High Tide Time	626
D10	15 Jan 2026	Low Tide Time	6
D10	15 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Kelp;Sea-grass; Person/Walker/Jogger-6
D10	21 Jan 2026	Arrive Time	840
D10	21 Jan 2026	Wind Speed (kts)	2.5
D10	21 Jan 2026	Wind Dir	NE
D10	21 Jan 2026	Animal Life	
D10	21 Jan 2026	Floatables	
D10	21 Jan 2026	Current Direction	S
D10	21 Jan 2026	Water Temp (C)	15.2
D10	21 Jan 2026	High Tide Time	950
D10	21 Jan 2026	Low Tide Time	356
D10	21 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-4; Trash-2; Seagrass;De-bris;Algae;Kelp; Person/Walker/Jogger-1
D10	28 Jan 2026	Arrive Time	841
D10	28 Jan 2026	Wind Speed (kts)	3.3
D10	28 Jan 2026	Wind Dir	E
D10	28 Jan 2026	Animal Life	Seagull-14;
D10	28 Jan 2026	Floatables	
D10	28 Jan 2026	Current Direction	S
D10	28 Jan 2026	Water Temp (C)	12.6
D10	28 Jan 2026	High Tide Time	435
D10	28 Jan 2026	Low Tide Time	1231
D10	28 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-5; Trash-1; Per-son/Walker/Jogger-1
D11	07 Jan 2026	Arrive Time	937
D11	07 Jan 2026	Wind Speed (kts)	1.5
D11	07 Jan 2026	Wind Dir	SW
D11	07 Jan 2026	Animal Life	
D11	07 Jan 2026	Floatables	
D11	07 Jan 2026	Current Direction	S
D11	07 Jan 2026	Water Temp (C)	15.8
D11	07 Jan 2026	High Tide Time	4
D11	07 Jan 2026	Low Tide Time	529
D11	07 Jan 2026	Comments	Water clear; Trash-1; Seagrass
D11	15 Jan 2026	Arrive Time	923
D11	15 Jan 2026	Wind Speed (kts)	2.7
D11	15 Jan 2026	Wind Dir	W
D11	15 Jan 2026	Animal Life	Dog-2;
D11	15 Jan 2026	Floatables	
D11	15 Jan 2026	Current Direction	S
D11	15 Jan 2026	Water Temp (C)	13
D11	15 Jan 2026	High Tide Time	626
D11	15 Jan 2026	Low Tide Time	6
D11	15 Jan 2026	Comments	Water clear; Trash-1; Algae;Kelp; Person/Walker/Jogger-2
D11	21 Jan 2026	Arrive Time	824
D11	21 Jan 2026	Wind Speed (kts)	4.2
D11	21 Jan 2026	Wind Dir	NE
D11	21 Jan 2026	Animal Life	
D11	21 Jan 2026	Floatables	
D11	21 Jan 2026	Current Direction	S

Station	Date	Parameter	Value
D11	21 Jan 2026	Water Temp (C)	15.4
D11	21 Jan 2026	High Tide Time	950
D11	21 Jan 2026	Low Tide Time	356
D11	21 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-6; Trash-2; Debris;Algae; Person/Walker/Jogger-6
D11	28 Jan 2026	Arrive Time	830
D11	28 Jan 2026	Wind Speed (kts)	2.8
D11	28 Jan 2026	Wind Dir	E
D11	28 Jan 2026	Animal Life	Dog-3;
D11	28 Jan 2026	Floatables	
D11	28 Jan 2026	Current Direction	S
D11	28 Jan 2026	Water Temp (C)	12.8
D11	28 Jan 2026	High Tide Time	435
D11	28 Jan 2026	Low Tide Time	1231
D11	28 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-3; Trash-1; Algae; Person/Walker/Jogger-4
D12	07 Jan 2026	Arrive Time	917
D12	07 Jan 2026	Wind Speed (kts)	2.7
D12	07 Jan 2026	Wind Dir	E
D12	07 Jan 2026	Animal Life	
D12	07 Jan 2026	Floatables	
D12	07 Jan 2026	Current Direction	S
D12	07 Jan 2026	Water Temp (C)	15.2
D12	07 Jan 2026	High Tide Time	4
D12	07 Jan 2026	Low Tide Time	529
D12	07 Jan 2026	Comments	Water clear; Boogie boarder/Swimmer-17; Trash-1; Seagrass
D12	15 Jan 2026	Arrive Time	855
D12	15 Jan 2026	Wind Speed (kts)	0
D12	15 Jan 2026	Wind Dir	XX
D12	15 Jan 2026	Animal Life	
D12	15 Jan 2026	Floatables	
D12	15 Jan 2026	Current Direction	S
D12	15 Jan 2026	Water Temp (C)	11.4
D12	15 Jan 2026	High Tide Time	626
D12	15 Jan 2026	Low Tide Time	6
D12	15 Jan 2026	Comments	Water clear; Boogie boarder/Swimmer-2; Surfer/Paddle boarder-7; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-2; Sewage-like odor
D12	21 Jan 2026	Arrive Time	747
D12	21 Jan 2026	Wind Speed (kts)	3.1
D12	21 Jan 2026	Wind Dir	N
D12	21 Jan 2026	Animal Life	
D12	21 Jan 2026	Floatables	
D12	21 Jan 2026	Current Direction	S
D12	21 Jan 2026	Water Temp (C)	14.5
D12	21 Jan 2026	High Tide Time	950
D12	21 Jan 2026	Low Tide Time	356
D12	21 Jan 2026	Comments	Water clear; Trash-4; Kelp;Seagrass;Debris;Algae
D12	28 Jan 2026	Arrive Time	808
D12	28 Jan 2026	Wind Speed (kts)	2.3
D12	28 Jan 2026	Wind Dir	E
D12	28 Jan 2026	Animal Life	Seagull-3;
D12	28 Jan 2026	Floatables	
D12	28 Jan 2026	Current Direction	S
D12	28 Jan 2026	Water Temp (C)	12.6
D12	28 Jan 2026	High Tide Time	435

<b>Station</b>	<b>Date</b>	<b>Parameter</b>	<b>Value</b>
D12	28 Jan 2026	Low Tide Time	1231
D12	28 Jan 2026	Comments	Water clear; Trash-1; Kelp; Seagrass; Person/Walker/Jogger-5

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# 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 2026	*5	*4	*4	*2	*2	*2	*3	*2
02 Jan 2026	*5	*4	*4	*2	*2	*2	*3	*2
03 Jan 2026	*5	*4	*4	*2	*2	*2	*3	*2
04 Jan 2026	*5	*4	*4	*2	*2	*2	*3	*2
05 Jan 2026	*5	*4	*4	*2	*2	*2	*3	*2
06 Jan 2026	4	4	5	2	2	2	4	2
07 Jan 2026	*3	*5	*6	*2	*2	*2	*4	*2
08 Jan 2026	*3	*5	*6	*2	*2	*2	*4	*2
09 Jan 2026	*3	*5	*6	*2	*2	*2	*4	*2
10 Jan 2026	*3	*5	*6	*2	*2	*2	*4	*2
11 Jan 2026	*3	*5	*6	*2	*2	*2	*4	*2
12 Jan 2026	3	4	5	2	2	2	4	2
13 Jan 2026	3	4	5	2	2	2	4	2
14 Jan 2026	*3	*5	*4	*2	*2	*2	*4	*2
15 Jan 2026	*3	*5	*4	*2	*2	*2	*4	*2
16 Jan 2026	*3	*5	*4	*2	*2	*2	*4	*2
17 Jan 2026	*3	*5	*4	*2	*2	*2	*4	*2
18 Jan 2026	*3	*5	*4	*2	*2	*2	*4	*2
19 Jan 2026	*3	*5	*4	*2	*2	*2	*4	*2
20 Jan 2026	3	4	5	2	2	2	4	2
21 Jan 2026	3	4	5	2	2	2	4	2
22 Jan 2026	*3	*2	*6	*2	*2	*2	*3	*2
23 Jan 2026	*3	*2	*6	*2	*2	*2	*3	*2
24 Jan 2026	*3	*2	*6	*2	*2	*2	*3	*2
25 Jan 2026	*3	*2	*6	*2	*2	*2	*3	*2
26 Jan 2026	*3	*2	*6	*2	*2	*2	*3	*2
27 Jan 2026	3	2	5	2	2	2	3	2
28 Jan 2026	*2	*2	*5	*2	*2	*2	*3	*2
29 Jan 2026	*2	*2	*5	*2	*2	*2	*3	*2
30 Jan 2026	*2	*2	*5	*2	*2	*2	*3	*2
31 Jan 2026	*2	*2	*5	*2	*2	*2	*3	*2

\* 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
06 Jan 2026	IC							
12 Jan 2026	IC							
20 Jan 2026	IC							
27 Jan 2026	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 2026	*2	*2	*2	*2	*2	*2	*2	*2
02 Jan 2026	*2	*2	*2	*2	*2	*2	*2	*2
03 Jan 2026	*2	*2	*2	*2	*2	*2	*2	*2
04 Jan 2026	*2	*2	*2	*2	*2	*2	*2	*2
05 Jan 2026	*2	*2	*2	*2	*2	*2	*2	*2
06 Jan 2026	2	2	2	2	2	2	3	2
07 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
08 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
09 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
10 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
11 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
12 Jan 2026	2	2	2	2	2	2	2	2
13 Jan 2026	2	2	2	2	2	2	2	2
14 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
15 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
16 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
17 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
18 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
19 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
20 Jan 2026	2	2	2	2	2	2	2	2
21 Jan 2026	2	2	2	2	2	2	2	2
22 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
23 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
24 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
25 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
26 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
27 Jan 2026	2	2	2	2	2	2	2	2
28 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
29 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
30 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2
31 Jan 2026	*2	*2	*2	*2	*2	*2	*3	*2

\* 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.

Date	A1	A6	A7	C4	C5	C6	C7	C8
06 Jan 2026	IC							
12 Jan 2026	IC							
20 Jan 2026	IC							
27 Jan 2026	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 2026	*17	*11	*8	*3	*2	*2	*7	*4
02 Jan 2026	*17	*11	*8	*3	*2	*2	*7	*4
03 Jan 2026	*17	*11	*8	*3	*2	*2	*7	*4
04 Jan 2026	*17	*11	*8	*3	*2	*2	*7	*4
05 Jan 2026	*17	*11	*8	*3	*2	*2	*7	*4
06 Jan 2026	16	11	11	3	3	2	11	5
07 Jan 2026	*12	*12	*17	*4	*3	*2	*10	*6
08 Jan 2026	*12	*12	*17	*4	*3	*2	*10	*6
09 Jan 2026	*12	*12	*17	*4	*3	*2	*10	*6
10 Jan 2026	*12	*12	*17	*4	*3	*2	*10	*6
11 Jan 2026	*12	*12	*17	*4	*3	*2	*10	*6
12 Jan 2026	10	8	12	3	3	2	7	5
13 Jan 2026	10	8	12	3	3	2	7	5
14 Jan 2026	*9	*8	*8	*4	*3	*2	*8	*5
15 Jan 2026	*9	*8	*8	*4	*3	*2	*8	*5
16 Jan 2026	*9	*8	*8	*4	*3	*2	*8	*5
17 Jan 2026	*9	*8	*8	*4	*3	*2	*8	*5
18 Jan 2026	*9	*8	*8	*4	*3	*2	*8	*5
19 Jan 2026	*9	*8	*8	*4	*3	*2	*8	*5
20 Jan 2026	6	7	13	3	3	2	8	4
21 Jan 2026	6	7	13	3	3	2	8	4
22 Jan 2026	*9	*4	*19	*4	*4	*2	*8	*4
23 Jan 2026	*9	*4	*19	*4	*4	*2	*8	*4
24 Jan 2026	*9	*4	*19	*4	*4	*2	*8	*4
25 Jan 2026	*9	*4	*19	*4	*4	*2	*8	*4
26 Jan 2026	*9	*4	*19	*4	*4	*2	*8	*4
27 Jan 2026	6	3	13	3	3	2	6	4
28 Jan 2026	*4	*4	*13	*2	*4	*2	*7	*3
29 Jan 2026	*4	*4	*13	*2	*4	*2	*7	*3
30 Jan 2026	*4	*4	*13	*2	*4	*2	*7	*3
31 Jan 2026	*4	*4	*13	*2	*4	*2	*7	*3

- 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  $10^4$  CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
06 Jan 2026	IC							
12 Jan 2026	IC							
20 Jan 2026	IC							
27 Jan 2026	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
06 Jan 2026	IC							
12 Jan 2026	IC							
20 Jan 2026	IC							
27 Jan 2026	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	06 Jan 2026	802	1	16e	4e	<2
A1	06 Jan 2026	802	12	12e	2e	2e
A1	06 Jan 2026	802	18	12e	<2	2e
A1	12 Jan 2026	736	1	<2	<2	<2
A1	12 Jan 2026	736	12	<2	<2	<2
A1	12 Jan 2026	736	18	8e	4e	<2
A1	20 Jan 2026	745	1	<2	<2	<2
A1	20 Jan 2026	745	12	<2	<2	<2
A1	20 Jan 2026	745	18	<2	<2	<2
A1	27 Jan 2026	744	1	<2	<2	<2
A1	27 Jan 2026	744	12	<2	<2	<2
A1	27 Jan 2026	744	18	<2	<2	<2
A6	06 Jan 2026	903	1	2e	<2	<2
A6	06 Jan 2026	903	12	4e	2e	<2
A6	06 Jan 2026	903	18	26e	10e	<2
A6	12 Jan 2026	811	1	<2	<2	<2
A6	12 Jan 2026	811	12	<2	<2	<2
A6	12 Jan 2026	811	18	<2	<2	<2
A6	20 Jan 2026	811	1	2e	<2	<2
A6	20 Jan 2026	811	12	<2	<2	<2
A6	20 Jan 2026	811	18	8e	2e	<2
A6	27 Jan 2026	807	1	<2	<2	<2
A6	27 Jan 2026	807	12	<2	<2	<2
A6	27 Jan 2026	807	18	2e	<2	<2
A7	06 Jan 2026	848	1	10e	<2	<2
A7	06 Jan 2026	848	12	24e	4e	<2
A7	06 Jan 2026	848	18	80e	28e	2e
A7	12 Jan 2026	757	1	<2	<2	<2
A7	12 Jan 2026	757	12	<2	<2	<2
A7	12 Jan 2026	757	18	6e	<2	2e
A7	20 Jan 2026	800	1	<2	<2	<2
A7	20 Jan 2026	800	12	10e	2e	<2
A7	20 Jan 2026	800	18	240e	50	6e
A7	27 Jan 2026	756	1	<2	<2	<2
A7	27 Jan 2026	756	12	<2	<2	<2
A7	27 Jan 2026	756	18	4e	<2	<2
C4	06 Jan 2026	1016	1	<2	2e	<2
C4	06 Jan 2026	1016	3	<2	2e	2e
C4	06 Jan 2026	1016	9	4e	<2	4e

Station	Date	Time	Depth	Total	Fecal	Entero
C4	12 Jan 2026	922	1	4e	2e	<2
C4	12 Jan 2026	922	3	2e	<2	<2
C4	12 Jan 2026	922	9	<2	<2	<2
C4	20 Jan 2026	921	1	<2	<2	<2
C4	20 Jan 2026	921	3	2e	<2	<2
C4	20 Jan 2026	921	9	<2	<2	<2
C4	27 Jan 2026	917	1	<2	<2	<2
C4	27 Jan 2026	917	3	<2	<2	<2
C4	27 Jan 2026	917	9	2e	<2	<2
C5	06 Jan 2026	1005	1	6e	2e	<2
C5	06 Jan 2026	1005	3	10e	2e	<2
C5	06 Jan 2026	1005	9	8e	2e	<2
C5	12 Jan 2026	913	1	2e	<2	<2
C5	12 Jan 2026	913	3	<2	<2	<2
C5	12 Jan 2026	913	9	<2	<2	<2
C5	20 Jan 2026	909	1	<2	<2	<2
C5	20 Jan 2026	909	3	<2	<2	<2
C5	20 Jan 2026	909	9	<20	<2	<2
C5	27 Jan 2026	906	1	<2	<2	<2
C5	27 Jan 2026	906	3	<2	<2	<2
C5	27 Jan 2026	906	9	<2	<2	<2
C6	06 Jan 2026	951	1	2e	<2	<2
C6	06 Jan 2026	951	3	<2	<2	<2
C6	06 Jan 2026	951	9	4e	<2	<2
C6	12 Jan 2026	900	1	<2	<2	<2
C6	12 Jan 2026	900	3	<2	<2	<2
C6	12 Jan 2026	900	9	<2	<2	<2
C6	20 Jan 2026	900	1	<2	<2	<2
C6	20 Jan 2026	900	3	2e	<2	<2
C6	20 Jan 2026	900	9	<2	<2	<2
C6	27 Jan 2026	854	1	<2	<2	<2
C6	27 Jan 2026	854	3	<2	<2	<2
C6	27 Jan 2026	854	9	<2	<2	<2
C7	06 Jan 2026	921	1	4e	<2	<2
C7	06 Jan 2026	921	12	22e	<2	<2
C7	06 Jan 2026	921	18	160e	48	14e
C7	12 Jan 2026	828	1	<2	<2	<2
C7	12 Jan 2026	828	12	2e	<2	<2
C7	12 Jan 2026	828	18	<2	<2	<2
C7	20 Jan 2026	829	1	<2	2e	<2
C7	20 Jan 2026	829	12	<2	<2	<2
C7	20 Jan 2026	829	18	20e	2e	2e
C7	27 Jan 2026	821	1	<2	<2	<2
C7	27 Jan 2026	821	12	<2	<2	<2
C7	27 Jan 2026	821	18	2e	<2	<2

Station	Date	Time	Depth	Total	Fecal	Entero
C8	06 Jan 2026	930	1	<20	2e	8e
C8	06 Jan 2026	930	12	6e	<2	2e
C8	06 Jan 2026	930	18	8e	<2	<2
C8	12 Jan 2026	840	1	<2	<2	<2
C8	12 Jan 2026	840	12	2e	<2	<2
C8	12 Jan 2026	840	18	<2	<2	<2
C8	20 Jan 2026	841	1	<2	<2	<2
C8	20 Jan 2026	841	12	<2	<2	<2
C8	20 Jan 2026	841	18	2e	<2	<2
C8	27 Jan 2026	839	1	<2	<2	<2
C8	27 Jan 2026	839	12	<2	<2	<2
C8	27 Jan 2026	839	18	4e	<2	<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	06 Jan 2026	Arrive Time	802
A1	06 Jan 2026	Depart Time	812
A1	06 Jan 2026	Air Temp (C)	15
A1	06 Jan 2026	Visibility (mi)	10
A1	06 Jan 2026	Wind Speed (kts)	3
A1	06 Jan 2026	Wind Dir	E
A1	06 Jan 2026	Sea State	Wind Ripples
A1	06 Jan 2026	High Tide Time	641
A1	06 Jan 2026	Low Tide Time	1411
A1	06 Jan 2026	Comments	Kelp; Lobster Floats
A1	12 Jan 2026	Arrive Time	736
A1	12 Jan 2026	Depart Time	751
A1	12 Jan 2026	Air Temp (C)	13.3
A1	12 Jan 2026	Visibility (mi)	10
A1	12 Jan 2026	Wind Speed (kts)	7.9
A1	12 Jan 2026	Wind Dir	NE
A1	12 Jan 2026	Sea State	Calm
A1	12 Jan 2026	High Tide Time	417
A1	12 Jan 2026	Low Tide Time	1205
A1	12 Jan 2026	Comments	Issues with realtime data capture settings.
A1	20 Jan 2026	Arrive Time	745
A1	20 Jan 2026	Depart Time	752
A1	20 Jan 2026	Air Temp (C)	16.5
A1	20 Jan 2026	Visibility (mi)	10
A1	20 Jan 2026	Wind Speed (kts)	1.9
A1	20 Jan 2026	Wind Dir	SE
A1	20 Jan 2026	Sea State	Calm
A1	20 Jan 2026	High Tide Time	912
A1	20 Jan 2026	Low Tide Time	1624
A1	20 Jan 2026	Comments	Missed bottle 1; recast and taken;Kelp; Lobster Floats
A1	27 Jan 2026	Arrive Time	744
A1	27 Jan 2026	Depart Time	748
A1	27 Jan 2026	Air Temp (C)	15
A1	27 Jan 2026	Visibility (mi)	10
A1	27 Jan 2026	Wind Speed (kts)	6
A1	27 Jan 2026	Wind Dir	NW
A1	27 Jan 2026	Sea State	Calm
A1	27 Jan 2026	High Tide Time	324
A1	27 Jan 2026	Low Tide Time	1124
A1	27 Jan 2026	Comments	Kelp; Kelp Debris; Lobster Floats
C4	06 Jan 2026	Arrive Time	1016
C4	06 Jan 2026	Depart Time	1020
C4	06 Jan 2026	Air Temp (C)	16.4
C4	06 Jan 2026	Visibility (mi)	10
C4	06 Jan 2026	Wind Speed (kts)	1.5
C4	06 Jan 2026	Wind Dir	NE
C4	06 Jan 2026	Sea State	Wind Ripples
C4	06 Jan 2026	High Tide Time	641
C4	06 Jan 2026	Low Tide Time	1411
C4	06 Jan 2026	Comments	Seagrass; Lobster Floats
C4	12 Jan 2026	Arrive Time	922

Station	Date	Parameter	Value
C4	12 Jan 2026	Depart Time	927
C4	12 Jan 2026	Air Temp (C)	15.8
C4	12 Jan 2026	Visibility (mi)	10
C4	12 Jan 2026	Wind Speed (kts)	5.9
C4	12 Jan 2026	Wind Dir	W
C4	12 Jan 2026	Sea State	Calm
C4	12 Jan 2026	High Tide Time	417
C4	12 Jan 2026	Low Tide Time	1205
C4	12 Jan 2026	Comments	Kelp; Kelp Debris; Surfers; Lobster Floats
C4	20 Jan 2026	Arrive Time	921
C4	20 Jan 2026	Depart Time	926
C4	20 Jan 2026	Air Temp (C)	15.3
C4	20 Jan 2026	Visibility (mi)	6
C4	20 Jan 2026	Wind Speed (kts)	1.7
C4	20 Jan 2026	Wind Dir	S
C4	20 Jan 2026	Sea State	Calm
C4	20 Jan 2026	High Tide Time	912
C4	20 Jan 2026	Low Tide Time	1624
C4	20 Jan 2026	Comments	Patchy Fog; Lobster Floats; Approaching fog bank from the SW
C4	27 Jan 2026	Arrive Time	917
C4	27 Jan 2026	Depart Time	920
C4	27 Jan 2026	Air Temp (C)	16.3
C4	27 Jan 2026	Visibility (mi)	10
C4	27 Jan 2026	Wind Speed (kts)	1.4
C4	27 Jan 2026	Wind Dir	SE
C4	27 Jan 2026	Sea State	Calm
C4	27 Jan 2026	High Tide Time	324
C4	27 Jan 2026	Low Tide Time	1124
C4	27 Jan 2026	Comments	Kelp Debris; Lobster Floats
A7	06 Jan 2026	Arrive Time	848
A7	06 Jan 2026	Depart Time	852
A7	06 Jan 2026	Air Temp (C)	15.3
A7	06 Jan 2026	Visibility (mi)	10
A7	06 Jan 2026	Wind Speed (kts)	1.2
A7	06 Jan 2026	Wind Dir	SE
A7	06 Jan 2026	Sea State	Wind Ripples
A7	06 Jan 2026	High Tide Time	641
A7	06 Jan 2026	Low Tide Time	1411
A7	06 Jan 2026	Comments	Delayed due to NavOps issue; Kelp; Lobster Floats
A7	12 Jan 2026	Arrive Time	757
A7	12 Jan 2026	Depart Time	804
A7	12 Jan 2026	Air Temp (C)	14.4
A7	12 Jan 2026	Visibility (mi)	10
A7	12 Jan 2026	Wind Speed (kts)	0
A7	12 Jan 2026	Wind Dir	W
A7	12 Jan 2026	Sea State	Calm
A7	12 Jan 2026	High Tide Time	417
A7	12 Jan 2026	Low Tide Time	1205
A7	12 Jan 2026	Comments	lobster fishing vessel; Kelp; Lobster Floats
A7	20 Jan 2026	Arrive Time	800
A7	20 Jan 2026	Depart Time	804
A7	20 Jan 2026	Air Temp (C)	15.9
A7	20 Jan 2026	Visibility (mi)	10
A7	20 Jan 2026	Wind Speed (kts)	1.9
A7	20 Jan 2026	Wind Dir	SE

Station	Date	Parameter	Value
A7	20 Jan 2026	Sea State	Calm
A7	20 Jan 2026	High Tide Time	912
A7	20 Jan 2026	Low Tide Time	1624
A7	20 Jan 2026	Comments	Kelp; Lobster Floats
A7	27 Jan 2026	Arrive Time	756
A7	27 Jan 2026	Depart Time	801
A7	27 Jan 2026	Air Temp (C)	14.9
A7	27 Jan 2026	Visibility (mi)	10
A7	27 Jan 2026	Wind Speed (kts)	5.9
A7	27 Jan 2026	Wind Dir	NW
A7	27 Jan 2026	Sea State	Calm
A7	27 Jan 2026	High Tide Time	324
A7	27 Jan 2026	Low Tide Time	1124
A7	27 Jan 2026	Comments	Some gulls around station; Kelp; Lobster Floats
C5	06 Jan 2026	Arrive Time	1005
C5	06 Jan 2026	Depart Time	1008
C5	06 Jan 2026	Air Temp (C)	16.3
C5	06 Jan 2026	Visibility (mi)	10
C5	06 Jan 2026	Wind Speed (kts)	1.5
C5	06 Jan 2026	Wind Dir	E
C5	06 Jan 2026	Sea State	Wind Ripples
C5	06 Jan 2026	High Tide Time	641
C5	06 Jan 2026	Low Tide Time	1411
C5	06 Jan 2026	Comments	Lobster Floats
C5	12 Jan 2026	Arrive Time	913
C5	12 Jan 2026	Depart Time	921
C5	12 Jan 2026	Air Temp (C)	15.5
C5	12 Jan 2026	Visibility (mi)	10
C5	12 Jan 2026	Wind Speed (kts)	1.7
C5	12 Jan 2026	Wind Dir	E
C5	12 Jan 2026	Sea State	Calm
C5	12 Jan 2026	High Tide Time	417
C5	12 Jan 2026	Low Tide Time	1205
C5	12 Jan 2026	Comments	Kelp; Kelp Debris; Lobster Floats
C5	20 Jan 2026	Arrive Time	909
C5	20 Jan 2026	Depart Time	915
C5	20 Jan 2026	Air Temp (C)	16.5
C5	20 Jan 2026	Visibility (mi)	10
C5	20 Jan 2026	Wind Speed (kts)	2.5
C5	20 Jan 2026	Wind Dir	S
C5	20 Jan 2026	Sea State	Calm
C5	20 Jan 2026	High Tide Time	912
C5	20 Jan 2026	Low Tide Time	1624
C5	20 Jan 2026	Comments	100s of grebes on station; Kelp
C5	27 Jan 2026	Arrive Time	906
C5	27 Jan 2026	Depart Time	910
C5	27 Jan 2026	Air Temp (C)	16.3
C5	27 Jan 2026	Visibility (mi)	10
C5	27 Jan 2026	Wind Speed (kts)	3.9
C5	27 Jan 2026	Wind Dir	SW
C5	27 Jan 2026	Sea State	Calm
C5	27 Jan 2026	High Tide Time	324
C5	27 Jan 2026	Low Tide Time	1124
C5	27 Jan 2026	Comments	Kelp Debris
A6	06 Jan 2026	Arrive Time	903

Station	Date	Parameter	Value
A6	06 Jan 2026	Depart Time	907
A6	06 Jan 2026	Air Temp (C)	15.5
A6	06 Jan 2026	Visibility (mi)	10
A6	06 Jan 2026	Wind Speed (kts)	1.2
A6	06 Jan 2026	Wind Dir	SE
A6	06 Jan 2026	Sea State	Wind Ripples
A6	06 Jan 2026	High Tide Time	641
A6	06 Jan 2026	Low Tide Time	1411
A6	06 Jan 2026	Comments	Kelp Debris; Lobster Floats
A6	12 Jan 2026	Arrive Time	811
A6	12 Jan 2026	Depart Time	819
A6	12 Jan 2026	Air Temp (C)	15.3
A6	12 Jan 2026	Visibility (mi)	10
A6	12 Jan 2026	Wind Speed (kts)	1
A6	12 Jan 2026	Wind Dir	N
A6	12 Jan 2026	Sea State	Calm
A6	12 Jan 2026	High Tide Time	417
A6	12 Jan 2026	Low Tide Time	1205
A6	12 Jan 2026	Comments	Kelp; Lobster Floats
A6	20 Jan 2026	Arrive Time	811
A6	20 Jan 2026	Depart Time	818
A6	20 Jan 2026	Air Temp (C)	15.5
A6	20 Jan 2026	Visibility (mi)	10
A6	20 Jan 2026	Wind Speed (kts)	1.1
A6	20 Jan 2026	Wind Dir	NE
A6	20 Jan 2026	Sea State	Calm
A6	20 Jan 2026	High Tide Time	912
A6	20 Jan 2026	Low Tide Time	1624
A6	20 Jan 2026	Comments	First attempt did not achieve depth recast; Kelp; Lobster Floats
A6	27 Jan 2026	Arrive Time	807
A6	27 Jan 2026	Depart Time	813
A6	27 Jan 2026	Air Temp (C)	15.1
A6	27 Jan 2026	Visibility (mi)	10
A6	27 Jan 2026	Wind Speed (kts)	3.9
A6	27 Jan 2026	Wind Dir	NE
A6	27 Jan 2026	Sea State	Calm
A6	27 Jan 2026	High Tide Time	324
A6	27 Jan 2026	Low Tide Time	1124
A6	27 Jan 2026	Comments	Lobster Floats
C6	06 Jan 2026	Arrive Time	951
C6	06 Jan 2026	Depart Time	954
C6	06 Jan 2026	Air Temp (C)	16.6
C6	06 Jan 2026	Visibility (mi)	10
C6	06 Jan 2026	Wind Speed (kts)	0
C6	06 Jan 2026	Wind Dir	SE
C6	06 Jan 2026	Sea State	Wind Ripples
C6	06 Jan 2026	High Tide Time	641
C6	06 Jan 2026	Low Tide Time	1411
C6	06 Jan 2026	Comments	Kelp Debris; Lobster Floats
C6	12 Jan 2026	Arrive Time	900
C6	12 Jan 2026	Depart Time	909
C6	12 Jan 2026	Air Temp (C)	15.6
C6	12 Jan 2026	Visibility (mi)	10
C6	12 Jan 2026	Wind Speed (kts)	0
C6	12 Jan 2026	Wind Dir	SE

Station	Date	Parameter	Value
C6	12 Jan 2026	Sea State	Calm
C6	12 Jan 2026	High Tide Time	417
C6	12 Jan 2026	Low Tide Time	1205
C6	12 Jan 2026	Comments	Kelp; Kelp Debris; Lobster Floats
C6	20 Jan 2026	Arrive Time	900
C6	20 Jan 2026	Depart Time	903
C6	20 Jan 2026	Air Temp (C)	16.4
C6	20 Jan 2026	Visibility (mi)	10
C6	20 Jan 2026	Wind Speed (kts)	1.7
C6	20 Jan 2026	Wind Dir	S
C6	20 Jan 2026	Sea State	Calm
C6	20 Jan 2026	High Tide Time	912
C6	20 Jan 2026	Low Tide Time	1624
C6	20 Jan 2026	Comments	Kelp; Lobster Floats
C6	27 Jan 2026	Arrive Time	854
C6	27 Jan 2026	Depart Time	859
C6	27 Jan 2026	Air Temp (C)	16.3
C6	27 Jan 2026	Visibility (mi)	10
C6	27 Jan 2026	Wind Speed (kts)	1.1
C6	27 Jan 2026	Wind Dir	S
C6	27 Jan 2026	Sea State	Calm
C6	27 Jan 2026	High Tide Time	324
C6	27 Jan 2026	Low Tide Time	1124
C6	27 Jan 2026	Comments	Kelp Debris; Lobster Floats
C7	06 Jan 2026	Arrive Time	921
C7	06 Jan 2026	Depart Time	924
C7	06 Jan 2026	Air Temp (C)	15.9
C7	06 Jan 2026	Visibility (mi)	10
C7	06 Jan 2026	Wind Speed (kts)	2.5
C7	06 Jan 2026	Wind Dir	SE
C7	06 Jan 2026	Sea State	Wind Ripples
C7	06 Jan 2026	High Tide Time	641
C7	06 Jan 2026	Low Tide Time	1411
C7	06 Jan 2026	Comments	Kelp; Kelp Debris; Lobster Floats
C7	12 Jan 2026	Arrive Time	828
C7	12 Jan 2026	Depart Time	833
C7	12 Jan 2026	Air Temp (C)	15.9
C7	12 Jan 2026	Visibility (mi)	10
C7	12 Jan 2026	Wind Speed (kts)	0
C7	12 Jan 2026	Wind Dir	W
C7	12 Jan 2026	Sea State	Calm
C7	12 Jan 2026	High Tide Time	417
C7	12 Jan 2026	Low Tide Time	1205
C7	12 Jan 2026	Comments	lobster fishing vessel; Lobster Floats
C7	20 Jan 2026	Arrive Time	829
C7	20 Jan 2026	Depart Time	834
C7	20 Jan 2026	Air Temp (C)	16.3
C7	20 Jan 2026	Visibility (mi)	10
C7	20 Jan 2026	Wind Speed (kts)	1.3
C7	20 Jan 2026	Wind Dir	SW
C7	20 Jan 2026	Sea State	Calm
C7	20 Jan 2026	High Tide Time	912
C7	20 Jan 2026	Low Tide Time	1624
C7	20 Jan 2026	Comments	Kelp; Lobster Floats
C7	27 Jan 2026	Arrive Time	821

Station	Date	Parameter	Value
C7	27 Jan 2026	Depart Time	831
C7	27 Jan 2026	Air Temp (C)	15.3
C7	27 Jan 2026	Visibility (mi)	10
C7	27 Jan 2026	Wind Speed (kts)	5
C7	27 Jan 2026	Wind Dir	NE
C7	27 Jan 2026	Sea State	Calm
C7	27 Jan 2026	High Tide Time	324
C7	27 Jan 2026	Low Tide Time	1124
C7	27 Jan 2026	Comments	Target depth not reached recast; Lobster Floats
C8	06 Jan 2026	Arrive Time	930
C8	06 Jan 2026	Depart Time	934
C8	06 Jan 2026	Air Temp (C)	16.2
C8	06 Jan 2026	Visibility (mi)	10
C8	06 Jan 2026	Wind Speed (kts)	0.2
C8	06 Jan 2026	Wind Dir	SE
C8	06 Jan 2026	Sea State	Wind Ripples
C8	06 Jan 2026	High Tide Time	641
C8	06 Jan 2026	Low Tide Time	1411
C8	06 Jan 2026	Comments	Lobster Floats
C8	12 Jan 2026	Arrive Time	840
C8	12 Jan 2026	Depart Time	845
C8	12 Jan 2026	Air Temp (C)	13.3
C8	12 Jan 2026	Visibility (mi)	10
C8	12 Jan 2026	Wind Speed (kts)	8.3
C8	12 Jan 2026	Wind Dir	N
C8	12 Jan 2026	Sea State	Calm
C8	12 Jan 2026	High Tide Time	417
C8	12 Jan 2026	Low Tide Time	1205
C8	12 Jan 2026	Comments	Lobster Floats
C8	20 Jan 2026	Arrive Time	841
C8	20 Jan 2026	Depart Time	845
C8	20 Jan 2026	Air Temp (C)	16.5
C8	20 Jan 2026	Visibility (mi)	10
C8	20 Jan 2026	Wind Speed (kts)	0
C8	20 Jan 2026	Wind Dir	S
C8	20 Jan 2026	Sea State	Calm
C8	20 Jan 2026	High Tide Time	912
C8	20 Jan 2026	Low Tide Time	1624
C8	20 Jan 2026	Comments	Kelp; Lobster Floats
C8	27 Jan 2026	Arrive Time	839
C8	27 Jan 2026	Depart Time	843
C8	27 Jan 2026	Air Temp (C)	14.7
C8	27 Jan 2026	Visibility (mi)	10
C8	27 Jan 2026	Wind Speed (kts)	4.3
C8	27 Jan 2026	Wind Dir	N
C8	27 Jan 2026	Sea State	Calm
C8	27 Jan 2026	High Tide Time	324
C8	27 Jan 2026	Low Tide Time	1124
C8	27 Jan 2026	Comments	Lobster Floats

**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 ( $\sigma$ -t)	Chlor ( $\mu$ g/L)
A1	06 Jan 2026	1	16.85	81.32	7.6	33.02	8.2	24.0	1.60
A1	06 Jan 2026	2	16.84	81.14	7.6	33.02	8.2	24.0	1.57
A1	06 Jan 2026	3	16.85	80.99	7.6	33.02	8.2	24.0	1.59
A1	06 Jan 2026	4	16.87	81.24	7.6	33.04	8.2	24.0	1.47
A1	06 Jan 2026	5	16.87	81.02	7.6	33.05	8.2	24.0	1.33
A1	06 Jan 2026	6	16.88	81.17	7.6	33.06	8.2	24.1	1.30
A1	06 Jan 2026	7	16.88	81.44	7.6	33.06	8.2	24.1	1.28
A1	06 Jan 2026	8	16.87	81.52	7.6	33.05	8.2	24.1	1.35
A1	06 Jan 2026	9	16.88	81.37	7.6	33.06	8.2	24.1	1.62
A1	06 Jan 2026	10	16.88	75.04	7.6	33.07	8.2	24.1	1.57
A1	06 Jan 2026	11	16.88	80.06	7.5	33.07	8.2	24.1	1.52
A1	06 Jan 2026	12	16.89	81.51	7.5	33.09	8.2	24.1	1.49
A1	06 Jan 2026	13	16.90	81.47	7.5	33.12	8.2	24.1	1.36
A1	06 Jan 2026	14	16.88	81.49	7.4	33.13	8.2	24.1	1.23
A1	06 Jan 2026	15	16.82	81.34	7.2	33.14	8.2	24.1	1.17
A1	06 Jan 2026	16	16.41	80.53	6.9	33.15	8.2	24.2	1.09
A1	06 Jan 2026	17	15.31	79.24	6.8	33.21	8.2	24.5	0.99
A1	06 Jan 2026	18	14.60	80.23	6.8	33.26	8.1	24.7	0.90
A1	06 Jan 2026	19	14.51	85.13	6.8	33.25	8.1	24.7	0.83
A1	06 Jan 2026	20	14.51	90.18	6.9	33.25	8.1	24.7	0.81
A1	12 Jan 2026	1	16.28	96.70	7.5	33.21	8.2	24.3	0.66
A1	12 Jan 2026	2	16.29	96.66	7.5	33.21	8.2	24.3	0.69
A1	12 Jan 2026	3	16.29	96.69	7.5	33.22	8.2	24.3	0.75
A1	12 Jan 2026	4	16.29	96.63	7.5	33.22	8.2	24.3	0.73
A1	12 Jan 2026	5	16.29	96.71	7.5	33.22	8.2	24.3	0.75
A1	12 Jan 2026	6	16.29	96.61	7.5	33.21	8.2	24.3	0.76
A1	12 Jan 2026	7	16.29	96.55	7.5	33.22	8.2	24.3	0.94
A1	12 Jan 2026	8	16.29	95.88	7.5	33.22	8.2	24.3	1.03
A1	12 Jan 2026	9	16.29	95.99	7.5	33.22	8.2	24.3	1.11
A1	12 Jan 2026	10	16.29	96.33	7.5	33.22	8.2	24.3	0.88
A1	12 Jan 2026	11	16.29	96.67	7.5	33.22	8.2	24.3	0.70
A1	12 Jan 2026	12	16.29	96.30	7.5	33.22	8.2	24.3	0.74
A1	12 Jan 2026	13	16.27	96.36	7.5	33.22	8.2	24.3	0.72
A1	12 Jan 2026	14	16.24	96.71	7.4	33.22	8.2	24.3	0.68
A1	12 Jan 2026	15	16.22	96.60	7.4	33.22	8.2	24.3	0.72
A1	12 Jan 2026	16	16.15	96.42	7.3	33.22	8.2	24.3	0.72
A1	12 Jan 2026	17	15.71	96.57	7.0	33.22	8.2	24.4	0.72
A1	12 Jan 2026	18	15.00	96.02	6.7	33.24	8.1	24.6	0.62
A1	20 Jan 2026	1	15.72	91.80	7.7	33.21	8.1	24.4	1.46
A1	20 Jan 2026	2	15.72	90.60	7.7	33.21	8.1	24.4	1.51
A1	20 Jan 2026	3	15.73	90.26	7.7	33.21	8.1	24.4	1.42
A1	20 Jan 2026	4	15.73	91.22	7.7	33.21	8.1	24.4	1.46
A1	20 Jan 2026	5	15.74	91.16	7.7	33.21	8.1	24.4	1.46
A1	20 Jan 2026	6	15.74	91.35	7.7	33.21	8.1	24.4	1.62
A1	20 Jan 2026	7	15.74	91.20	7.7	33.21	8.1	24.4	1.62
A1	20 Jan 2026	8	15.74	91.45	7.7	33.21	8.1	24.4	1.49
A1	20 Jan 2026	9	15.74	91.51	7.7	33.21	8.1	24.4	1.38
A1	20 Jan 2026	10	15.74	91.66	7.7	33.21	8.1	24.4	1.53
A1	20 Jan 2026	11	15.74	91.49	7.7	33.21	8.1	24.4	1.59
A1	20 Jan 2026	12	15.74	91.65	7.7	33.21	8.1	24.4	1.72
A1	20 Jan 2026	13	15.74	91.11	7.7	33.21	8.1	24.4	1.61
A1	20 Jan 2026	14	15.74	91.08	7.7	33.21	8.1	24.4	1.54
A1	20 Jan 2026	15	15.74	90.63	7.7	33.21	8.1	24.4	1.53
A1	20 Jan 2026	16	15.75	90.43	7.7	33.21	8.1	24.4	1.60
A1	20 Jan 2026	17	15.74	90.68	7.7	33.21	8.1	24.4	1.52
A1	20 Jan 2026	18	15.75	90.40	7.6	33.22	8.1	24.4	1.47
A1	20 Jan 2026	19	15.75	89.95	7.6	33.21	8.1	24.4	1.48
A1	27 Jan 2026	1	16.03	93.87	7.8	33.29	8.2	24.4	0.90
A1	27 Jan 2026	2	16.03	93.86	7.8	33.29	8.2	24.4	0.84
A1	27 Jan 2026	3	16.02	93.85	7.7	33.29	8.2	24.4	0.87
A1	27 Jan 2026	4	16.00	93.73	7.7	33.29	8.2	24.4	0.92
A1	27 Jan 2026	5	15.98	93.50	7.7	33.28	8.2	24.4	0.96
A1	27 Jan 2026	6	15.97	92.94	7.7	33.28	8.2	24.4	0.99
A1	27 Jan 2026	7	15.92	92.93	7.6	33.28	8.1	24.4	1.06
A1	27 Jan 2026	8	15.87	92.03	7.7	33.27	8.1	24.4	1.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	27 Jan 2026	9	15.86	91.25	7.6	33.27	8.1	24.4	1.17
A1	27 Jan 2026	10	15.85	90.83	7.6	33.27	8.1	24.4	1.18
A1	27 Jan 2026	11	15.82	90.73	7.6	33.27	8.1	24.5	1.17
A1	27 Jan 2026	12	15.79	90.47	7.6	33.26	8.1	24.5	1.18
A1	27 Jan 2026	13	15.76	90.17	7.6	33.26	8.1	24.5	1.14
A1	27 Jan 2026	14	15.74	90.07	7.5	33.26	8.1	24.5	1.08
A1	27 Jan 2026	15	15.70	90.16	7.4	33.26	8.1	24.5	1.02
A1	27 Jan 2026	16	15.61	90.23	7.3	33.26	8.1	24.5	0.94
A1	27 Jan 2026	17	15.39	90.71	7.1	33.26	8.1	24.5	0.76
A1	27 Jan 2026	18	15.23	91.35	6.9	33.26	8.1	24.6	0.63
A1	27 Jan 2026	19	15.20	91.29	6.9	33.26	8.1	24.6	0.65
C4	06 Jan 2026	1	16.80	85.00	7.6	32.93	8.2	24.0	1.42
C4	06 Jan 2026	2	16.80	84.83	7.6	32.94	8.2	24.0	1.53
C4	06 Jan 2026	3	16.79	84.38	7.5	32.97	8.2	24.0	1.66
C4	06 Jan 2026	4	16.80	83.74	7.4	32.98	8.2	24.0	1.72
C4	06 Jan 2026	5	16.81	83.22	7.4	32.98	8.2	24.0	1.53
C4	06 Jan 2026	6	16.81	82.72	7.3	32.99	8.2	24.0	1.29
C4	06 Jan 2026	7	16.81	82.35	7.3	33.00	8.2	24.0	1.21
C4	06 Jan 2026	8	16.81	82.54	7.3	33.01	8.2	24.0	1.12
C4	06 Jan 2026	9	16.80	82.67	7.3	33.02	8.2	24.0	1.00
C4	06 Jan 2026	10	16.83	83.06	7.2	33.04	8.2	24.1	0.90
C4	06 Jan 2026	11	16.85	83.19	7.0	33.06	8.2	24.1	0.75
C4	06 Jan 2026	12	16.86	79.24	6.8	33.07	8.2	24.1	0.67
C4	06 Jan 2026	13	16.86	72.71	6.8	33.07	8.2	24.1	0.69
C4	12 Jan 2026	1	16.19	88.63	7.1	33.16	8.1	24.3	0.66
C4	12 Jan 2026	2	16.17	88.39	7.0	33.16	8.1	24.3	0.66
C4	12 Jan 2026	3	16.16	88.85	7.0	33.16	8.1	24.3	0.72
C4	12 Jan 2026	4	16.16	89.30	7.0	33.16	8.1	24.3	0.80
C4	12 Jan 2026	5	16.15	89.40	6.9	33.17	8.1	24.3	0.84
C4	12 Jan 2026	6	16.15	89.25	6.8	33.17	8.1	24.3	0.82
C4	12 Jan 2026	7	16.15	88.85	6.8	33.17	8.1	24.3	0.70
C4	12 Jan 2026	8	16.15	88.31	6.8	33.17	8.1	24.3	0.70
C4	12 Jan 2026	9	16.15	88.71	6.8	33.17	8.1	24.3	0.69
C4	12 Jan 2026	10	16.15	88.92	6.8	33.17	8.1	24.3	0.65
C4	12 Jan 2026	11	16.15	87.18	6.8	33.17	8.1	24.3	0.60
C4	20 Jan 2026	1	15.76	74.97	7.6	33.19	8.1	24.4	0.87
C4	20 Jan 2026	2	15.76	75.26	7.6	33.19	8.1	24.4	0.81
C4	20 Jan 2026	3	15.75	75.57	7.6	33.20	8.1	24.4	0.87
C4	20 Jan 2026	4	15.75	76.12	7.6	33.20	8.1	24.4	1.08
C4	20 Jan 2026	5	15.75	76.52	7.6	33.20	8.1	24.4	1.27
C4	20 Jan 2026	6	15.75	77.01	7.6	33.20	8.1	24.4	1.23
C4	20 Jan 2026	7	15.75	77.45	7.6	33.20	8.1	24.4	1.17
C4	20 Jan 2026	8	15.75	77.86	7.6	33.20	8.1	24.4	1.16
C4	20 Jan 2026	9	15.75	78.36	7.5	33.21	8.1	24.4	1.06
C4	20 Jan 2026	10	15.75	78.60	7.5	33.20	8.1	24.4	0.99
C4	20 Jan 2026	11	15.75	78.97	7.5	33.21	8.1	24.4	1.02
C4	20 Jan 2026	12	15.75	81.75	7.5	33.21	8.1	24.4	0.82
C4	27 Jan 2026	1	15.81	88.34	7.0	33.28	8.1	24.5	0.38
C4	27 Jan 2026	2	15.79	88.25	7.0	33.28	8.1	24.5	0.40
C4	27 Jan 2026	3	15.76	87.67	7.0	33.28	8.1	24.5	0.45
C4	27 Jan 2026	4	15.75	87.11	7.0	33.28	8.1	24.5	0.52
C4	27 Jan 2026	5	15.73	86.90	7.0	33.28	8.1	24.5	0.62
C4	27 Jan 2026	6	15.73	86.13	7.0	33.28	8.1	24.5	0.69
C4	27 Jan 2026	7	15.72	86.15	7.0	33.28	8.1	24.5	0.68
C4	27 Jan 2026	8	15.71	86.02	7.0	33.28	8.1	24.5	0.66
C4	27 Jan 2026	9	15.70	85.75	7.0	33.28	8.1	24.5	0.61
C4	27 Jan 2026	10	15.70	85.52	7.0	33.28	8.1	24.5	0.54
A7	06 Jan 2026	1	16.81	79.91	7.4	32.99	8.2	24.0	1.37
A7	06 Jan 2026	2	16.80	79.54	7.3	32.99	8.2	24.0	1.36
A7	06 Jan 2026	3	16.84	79.10	7.4	33.02	8.2	24.0	1.36
A7	06 Jan 2026	4	16.90	79.11	7.4	33.05	8.2	24.0	1.24
A7	06 Jan 2026	5	16.88	79.56	7.4	33.04	8.2	24.0	1.10
A7	06 Jan 2026	6	16.92	81.29	7.5	33.08	8.2	24.1	1.09
A7	06 Jan 2026	7	16.98	81.43	7.6	33.12	8.2	24.1	1.07
A7	06 Jan 2026	8	17.00	82.85	7.7	33.14	8.2	24.1	0.95
A7	06 Jan 2026	9	17.00	86.23	7.6	33.15	8.2	24.1	0.94
A7	06 Jan 2026	10	16.97	88.05	7.6	33.15	8.2	24.1	0.92
A7	06 Jan 2026	11	16.93	88.77	7.6	33.16	8.2	24.1	0.91
A7	06 Jan 2026	12	16.91	89.48	7.6	33.16	8.2	24.1	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	06 Jan 2026	13	16.88	89.50	7.6	33.16	8.2	24.1	0.87
A7	06 Jan 2026	14	16.82	89.44	7.6	33.16	8.2	24.1	0.86
A7	06 Jan 2026	15	16.69	89.16	7.5	33.18	8.2	24.2	0.86
A7	06 Jan 2026	16	16.62	88.70	7.4	33.18	8.2	24.2	0.84
A7	06 Jan 2026	17	16.51	88.63	7.3	33.18	8.2	24.2	0.76
A7	06 Jan 2026	18	16.18	88.77	7.3	33.17	8.2	24.3	0.73
A7	12 Jan 2026	1	16.24	97.16	7.5	33.22	8.2	24.3	0.61
A7	12 Jan 2026	2	16.24	97.24	7.4	33.22	8.2	24.3	0.60
A7	12 Jan 2026	3	16.24	97.19	7.4	33.22	8.2	24.3	0.63
A7	12 Jan 2026	4	16.24	97.18	7.4	33.22	8.2	24.3	0.66
A7	12 Jan 2026	5	16.25	97.16	7.5	33.22	8.2	24.3	0.71
A7	12 Jan 2026	6	16.25	97.12	7.5	33.22	8.2	24.3	0.68
A7	12 Jan 2026	7	16.25	97.15	7.5	33.22	8.2	24.3	0.70
A7	12 Jan 2026	8	16.25	96.85	7.5	33.22	8.2	24.3	0.71
A7	12 Jan 2026	9	16.24	97.13	7.5	33.22	8.2	24.3	0.76
A7	12 Jan 2026	10	16.22	97.06	7.4	33.22	8.2	24.3	0.71
A7	12 Jan 2026	11	16.21	97.05	7.4	33.22	8.2	24.3	0.66
A7	12 Jan 2026	12	16.20	97.05	7.4	33.22	8.2	24.3	0.63
A7	12 Jan 2026	13	16.19	96.97	7.4	33.22	8.2	24.3	0.65
A7	12 Jan 2026	14	16.11	96.81	7.3	33.22	8.2	24.4	0.63
A7	12 Jan 2026	15	16.04	96.75	7.2	33.22	8.2	24.4	0.64
A7	12 Jan 2026	16	15.92	96.68	7.1	33.22	8.2	24.4	0.55
A7	12 Jan 2026	17	15.75	96.52	7.0	33.22	8.1	24.4	0.51
A7	12 Jan 2026	18	15.69	96.13	6.9	33.22	8.1	24.4	0.46
A7	12 Jan 2026	19	15.52	95.75	6.8	33.22	8.1	24.5	0.46
A7	20 Jan 2026	1	15.96	90.28	7.8	33.24	8.2	24.4	1.28
A7	20 Jan 2026	2	15.96	90.16	7.8	33.24	8.2	24.4	1.37
A7	20 Jan 2026	3	15.96	91.04	7.8	33.24	8.2	24.4	1.52
A7	20 Jan 2026	4	15.96	91.03	7.8	33.24	8.2	24.4	1.39
A7	20 Jan 2026	5	15.96	91.09	7.8	33.24	8.2	24.4	1.41
A7	20 Jan 2026	6	15.95	91.12	7.8	33.24	8.2	24.4	1.64
A7	20 Jan 2026	7	15.95	91.45	7.8	33.24	8.2	24.4	1.64
A7	20 Jan 2026	8	15.93	91.51	7.8	33.24	8.2	24.4	1.49
A7	20 Jan 2026	9	15.88	91.62	7.7	33.24	8.2	24.4	1.61
A7	20 Jan 2026	10	15.86	91.77	7.7	33.24	8.1	24.4	1.47
A7	20 Jan 2026	11	15.84	91.80	7.6	33.24	8.1	24.4	1.23
A7	20 Jan 2026	12	15.83	91.92	7.6	33.24	8.1	24.4	1.31
A7	20 Jan 2026	13	15.82	92.07	7.6	33.24	8.1	24.4	1.24
A7	20 Jan 2026	14	15.82	92.07	7.6	33.24	8.1	24.4	1.16
A7	20 Jan 2026	15	15.80	92.31	7.6	33.24	8.1	24.4	1.06
A7	20 Jan 2026	16	15.67	92.39	7.5	33.23	8.1	24.5	1.03
A7	20 Jan 2026	17	15.52	92.51	7.3	33.23	8.1	24.5	1.08
A7	20 Jan 2026	18	15.34	92.35	7.2	33.24	8.1	24.5	1.02
A7	20 Jan 2026	19	15.31	91.50	7.2	33.24	8.1	24.5	0.90
A7	20 Jan 2026	20	15.26	91.11	7.2	33.24	8.1	24.6	0.84
A7	27 Jan 2026	1	16.02	90.39	7.7	33.29	8.2	24.4	0.98
A7	27 Jan 2026	2	16.03	90.38	7.7	33.29	8.2	24.4	0.98
A7	27 Jan 2026	3	16.03	90.51	7.7	33.29	8.2	24.4	0.98
A7	27 Jan 2026	4	16.03	90.85	7.7	33.29	8.2	24.4	1.02
A7	27 Jan 2026	5	16.02	91.04	7.7	33.29	8.2	24.4	1.04
A7	27 Jan 2026	6	16.02	91.30	7.7	33.29	8.2	24.4	1.05
A7	27 Jan 2026	7	16.02	91.41	7.7	33.29	8.2	24.4	1.05
A7	27 Jan 2026	8	16.00	91.54	7.6	33.29	8.2	24.4	1.03
A7	27 Jan 2026	9	15.99	91.75	7.6	33.29	8.2	24.4	1.00
A7	27 Jan 2026	10	15.99	92.00	7.6	33.28	8.2	24.4	0.99
A7	27 Jan 2026	11	15.96	92.05	7.6	33.28	8.2	24.4	0.98
A7	27 Jan 2026	12	15.92	91.89	7.6	33.28	8.2	24.4	1.05
A7	27 Jan 2026	13	15.91	91.80	7.6	33.27	8.2	24.4	1.01
A7	27 Jan 2026	14	15.89	91.77	7.5	33.27	8.1	24.4	1.00
A7	27 Jan 2026	15	15.86	91.95	7.5	33.27	8.1	24.4	0.97
A7	27 Jan 2026	16	15.85	91.86	7.5	33.27	8.1	24.5	0.98
A7	27 Jan 2026	17	15.84	91.93	7.5	33.27	8.1	24.5	0.95
A7	27 Jan 2026	18	15.81	92.01	7.4	33.27	8.1	24.5	0.93
A7	27 Jan 2026	19	15.59	92.21	7.2	33.26	8.1	24.5	0.79
A7	27 Jan 2026	20	15.46	92.36	7.1	33.27	8.1	24.5	0.55
C5	06 Jan 2026	1	16.96	66.86	7.3	32.99	8.2	24.0	1.24
C5	06 Jan 2026	2	16.96	66.75	7.3	32.99	8.2	24.0	1.27
C5	06 Jan 2026	3	16.96	65.14	7.3	32.99	8.2	24.0	1.22
C5	06 Jan 2026	4	16.95	66.50	7.3	33.03	8.2	24.0	1.16
C5	06 Jan 2026	5	16.92	67.61	7.2	33.08	8.2	24.1	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C5	06 Jan 2026	6	16.89	71.64	7.2	33.10	8.2	24.1	0.69
C5	06 Jan 2026	7	16.89	75.84	7.2	33.11	8.2	24.1	0.63
C5	06 Jan 2026	8	16.88	78.10	7.2	33.11	8.2	24.1	0.59
C5	06 Jan 2026	9	16.88	81.46	7.2	33.12	8.2	24.1	0.55
C5	06 Jan 2026	10	16.88	80.83	7.1	33.12	8.2	24.1	0.56
C5	06 Jan 2026	11	16.87	79.55	6.8	33.11	8.2	24.1	0.59
C5	12 Jan 2026	1	16.08	89.98	7.1	33.17	8.1	24.3	0.57
C5	12 Jan 2026	2	16.08	90.02	7.1	33.17	8.1	24.3	0.59
C5	12 Jan 2026	3	16.07	89.89	7.0	33.17	8.1	24.3	0.64
C5	12 Jan 2026	4	16.06	89.83	7.0	33.17	8.1	24.3	0.76
C5	12 Jan 2026	5	16.05	89.78	7.0	33.17	8.1	24.3	0.84
C5	12 Jan 2026	6	16.05	89.68	7.0	33.17	8.1	24.3	0.83
C5	12 Jan 2026	7	16.00	89.64	6.8	33.19	8.1	24.4	0.68
C5	12 Jan 2026	8	15.95	90.26	6.6	33.21	8.1	24.4	0.53
C5	12 Jan 2026	9	15.89	91.16	6.3	33.21	8.1	24.4	0.44
C5	12 Jan 2026	10	15.85	89.76	6.2	33.21	8.1	24.4	0.52
C5	12 Jan 2026	11	15.84	67.62	6.1	33.21	8.1	24.4	0.81
C5	20 Jan 2026	1	16.17	76.53	7.1	33.25	8.1	24.4	0.55
C5	20 Jan 2026	2	16.17	76.45	7.1	33.25	8.1	24.4	0.54
C5	20 Jan 2026	3	16.14	76.32	7.0	33.24	8.1	24.4	0.54
C5	20 Jan 2026	4	16.12	75.10	7.0	33.24	8.1	24.4	0.65
C5	20 Jan 2026	5	16.11	71.04	6.8	33.24	8.1	24.4	0.74
C5	20 Jan 2026	6	16.09	61.10	6.6	33.24	8.1	24.4	0.89
C5	20 Jan 2026	7	16.01	46.21	6.5	33.23	8.1	24.4	0.80
C5	20 Jan 2026	8	15.92	42.07	6.6	33.24	8.0	24.4	0.75
C5	20 Jan 2026	9	15.90	42.84	6.7	33.24	8.1	24.4	0.75
C5	20 Jan 2026	10	15.88	47.95	6.6	33.24	8.1	24.4	0.80
C5	20 Jan 2026	11	15.87	49.29	6.4	33.21	8.1	24.4	0.96
C5	27 Jan 2026	1	15.88	85.06	7.1	33.27	8.1	24.4	0.71
C5	27 Jan 2026	2	15.88	85.24	7.0	33.27	8.1	24.4	0.63
C5	27 Jan 2026	3	15.86	85.19	7.0	33.27	8.1	24.4	0.67
C5	27 Jan 2026	4	15.86	84.07	7.0	33.27	8.1	24.4	0.78
C5	27 Jan 2026	5	15.86	83.35	7.0	33.27	8.1	24.4	0.81
C5	27 Jan 2026	6	15.86	83.23	7.0	33.27	8.1	24.4	0.81
C5	27 Jan 2026	7	15.86	82.25	7.0	33.27	8.1	24.5	0.76
C5	27 Jan 2026	8	15.86	80.00	7.0	33.27	8.1	24.5	0.69
C5	27 Jan 2026	9	15.84	76.91	7.1	33.29	8.1	24.5	0.65
C5	27 Jan 2026	10	15.81	73.62	7.1	33.29	8.1	24.5	0.63
C5	27 Jan 2026	11	15.81	66.47	7.1	33.29	8.1	24.5	0.78
A6	06 Jan 2026	1	16.91	85.31	7.7	33.02	8.2	24.0	1.19
A6	06 Jan 2026	2	16.91	85.08	7.7	33.02	8.2	24.0	1.22
A6	06 Jan 2026	3	16.91	84.88	7.6	33.02	8.2	24.0	1.16
A6	06 Jan 2026	4	16.91	85.02	7.6	33.03	8.2	24.0	1.19
A6	06 Jan 2026	5	16.99	85.17	7.7	33.13	8.2	24.1	1.18
A6	06 Jan 2026	6	17.02	85.73	7.7	33.17	8.2	24.1	1.00
A6	06 Jan 2026	7	17.03	88.38	7.7	33.18	8.2	24.1	0.94
A6	06 Jan 2026	8	17.01	90.69	7.7	33.18	8.2	24.1	0.92
A6	06 Jan 2026	9	16.99	91.35	7.7	33.18	8.2	24.1	0.90
A6	06 Jan 2026	10	16.95	91.40	7.7	33.17	8.2	24.1	0.95
A6	06 Jan 2026	11	16.93	91.34	7.7	33.17	8.2	24.1	0.93
A6	06 Jan 2026	12	16.92	90.97	7.7	33.17	8.2	24.1	0.95
A6	06 Jan 2026	13	16.91	90.65	7.7	33.17	8.2	24.1	0.92
A6	06 Jan 2026	14	16.90	90.72	7.7	33.17	8.2	24.1	0.92
A6	06 Jan 2026	15	16.87	90.61	7.7	33.17	8.2	24.1	0.91
A6	06 Jan 2026	16	16.84	90.53	7.7	33.16	8.2	24.1	0.87
A6	06 Jan 2026	17	16.79	90.31	7.6	33.16	8.2	24.2	0.85
A6	06 Jan 2026	18	16.77	90.33	7.6	33.16	8.2	24.2	0.82
A6	06 Jan 2026	19	16.75	90.26	7.6	33.17	8.2	24.2	0.82
A6	06 Jan 2026	20	16.71	90.38	7.6	33.16	8.2	24.2	0.86
A6	06 Jan 2026	21	16.61	90.34	7.5	33.17	8.2	24.2	0.76
A6	12 Jan 2026	1	16.17	93.71	7.6	33.17	8.2	24.3	0.93
A6	12 Jan 2026	2	16.18	93.63	7.7	33.17	8.2	24.3	0.94
A6	12 Jan 2026	3	16.17	93.50	7.6	33.17	8.2	24.3	1.05
A6	12 Jan 2026	4	16.18	93.32	7.6	33.17	8.2	24.3	1.04
A6	12 Jan 2026	5	16.18	93.52	7.6	33.17	8.2	24.3	1.09
A6	12 Jan 2026	6	16.18	93.63	7.6	33.17	8.2	24.3	1.12
A6	12 Jan 2026	7	16.18	93.72	7.6	33.17	8.2	24.3	1.08
A6	12 Jan 2026	8	16.18	93.75	7.6	33.17	8.2	24.3	1.12
A6	12 Jan 2026	9	16.19	94.07	7.5	33.18	8.2	24.3	1.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	12 Jan 2026	10	16.19	94.55	7.5	33.19	8.2	24.3	1.06
A6	12 Jan 2026	11	16.15	94.72	7.4	33.19	8.2	24.3	0.99
A6	12 Jan 2026	12	16.08	94.83	7.3	33.19	8.2	24.3	0.91
A6	12 Jan 2026	13	16.05	94.75	7.3	33.19	8.2	24.3	0.86
A6	12 Jan 2026	14	16.03	94.71	7.2	33.19	8.1	24.4	0.83
A6	12 Jan 2026	15	15.96	94.90	7.2	33.20	8.1	24.4	0.81
A6	12 Jan 2026	16	15.90	95.07	7.0	33.20	8.1	24.4	0.70
A6	12 Jan 2026	17	15.78	95.38	7.0	33.21	8.1	24.4	0.60
A6	12 Jan 2026	18	15.61	95.36	7.0	33.22	8.1	24.5	0.52
A6	20 Jan 2026	1	15.95	93.38	7.9	33.25	8.2	24.4	1.39
A6	20 Jan 2026	2	15.95	93.40	7.9	33.25	8.2	24.4	1.48
A6	20 Jan 2026	3	15.94	93.49	7.9	33.25	8.2	24.4	1.35
A6	20 Jan 2026	4	15.94	93.45	7.9	33.25	8.2	24.4	1.45
A6	20 Jan 2026	5	15.94	93.56	7.8	33.25	8.2	24.4	1.60
A6	20 Jan 2026	6	15.94	93.58	7.8	33.25	8.2	24.4	1.66
A6	20 Jan 2026	7	15.93	93.50	7.8	33.25	8.2	24.4	1.85
A6	20 Jan 2026	8	15.92	93.78	7.8	33.24	8.2	24.4	1.81
A6	20 Jan 2026	9	15.89	93.55	7.8	33.24	8.2	24.4	1.94
A6	20 Jan 2026	10	15.84	93.36	7.8	33.24	8.2	24.4	1.95
A6	20 Jan 2026	11	15.83	92.72	7.8	33.24	8.1	24.4	2.04
A6	20 Jan 2026	12	15.83	92.22	7.8	33.24	8.1	24.4	2.27
A6	20 Jan 2026	13	15.80	92.24	7.8	33.24	8.1	24.4	2.19
A6	20 Jan 2026	14	15.78	92.70	7.8	33.24	8.1	24.4	2.02
A6	20 Jan 2026	15	15.78	92.76	7.8	33.24	8.1	24.4	2.04
A6	20 Jan 2026	16	15.77	93.28	7.7	33.24	8.1	24.4	1.97
A6	20 Jan 2026	17	15.71	93.43	7.6	33.24	8.1	24.5	1.66
A6	20 Jan 2026	18	15.67	93.41	7.6	33.24	8.1	24.5	1.26
A6	20 Jan 2026	19	15.59	93.81	7.5	33.25	8.1	24.5	0.99
A6	27 Jan 2026	1	16.01	90.47	7.6	33.29	8.2	24.4	1.12
A6	27 Jan 2026	2	16.01	90.50	7.6	33.29	8.2	24.4	1.06
A6	27 Jan 2026	3	16.02	90.57	7.6	33.29	8.2	24.4	1.09
A6	27 Jan 2026	4	16.02	90.72	7.6	33.29	8.2	24.4	1.16
A6	27 Jan 2026	5	16.02	90.71	7.6	33.29	8.2	24.4	1.18
A6	27 Jan 2026	6	16.02	90.88	7.6	33.29	8.2	24.4	1.21
A6	27 Jan 2026	7	16.02	90.96	7.6	33.29	8.2	24.4	1.18
A6	27 Jan 2026	8	16.02	91.08	7.6	33.29	8.2	24.4	1.18
A6	27 Jan 2026	9	16.01	91.20	7.6	33.29	8.2	24.4	1.16
A6	27 Jan 2026	10	16.01	91.20	7.6	33.29	8.2	24.4	1.14
A6	27 Jan 2026	11	16.01	91.23	7.6	33.29	8.2	24.4	1.14
A6	27 Jan 2026	12	16.01	91.36	7.6	33.29	8.2	24.4	1.17
A6	27 Jan 2026	13	16.01	91.36	7.6	33.29	8.2	24.4	1.17
A6	27 Jan 2026	14	16.01	91.43	7.6	33.29	8.2	24.4	1.19
A6	27 Jan 2026	15	15.96	91.32	7.6	33.28	8.2	24.4	1.12
A6	27 Jan 2026	16	15.86	91.73	7.4	33.28	8.1	24.5	1.01
A6	27 Jan 2026	17	15.73	92.15	7.3	33.27	8.1	24.5	0.83
A6	27 Jan 2026	18	15.62	92.93	7.1	33.27	8.1	24.5	0.68
A6	27 Jan 2026	19	15.45	93.43	7.0	33.27	8.1	24.5	0.55
C6	06 Jan 2026	1	16.93	81.50	7.2	33.02	8.2	24.0	0.69
C6	06 Jan 2026	2	16.93	78.29	7.1	33.02	8.2	24.0	0.70
C6	06 Jan 2026	3	16.93	80.55	7.2	33.02	8.2	24.0	0.73
C6	06 Jan 2026	4	16.94	81.02	7.3	33.03	8.2	24.0	0.89
C6	06 Jan 2026	5	16.95	81.80	7.3	33.04	8.2	24.0	0.99
C6	06 Jan 2026	6	16.94	83.87	7.2	33.05	8.2	24.0	0.79
C6	06 Jan 2026	7	16.91	84.48	7.0	33.07	8.2	24.1	0.67
C6	06 Jan 2026	8	16.87	86.35	6.9	33.09	8.2	24.1	0.56
C6	06 Jan 2026	9	16.83	87.04	6.9	33.11	8.2	24.1	0.50
C6	06 Jan 2026	10	16.81	87.68	6.8	33.12	8.2	24.1	0.46
C6	06 Jan 2026	11	16.81	88.76	6.8	33.12	8.2	24.1	0.40
C6	12 Jan 2026	1	16.19	91.85	7.5	33.16	8.2	24.3	0.83
C6	12 Jan 2026	2	16.19	91.78	7.5	33.16	8.2	24.3	0.81
C6	12 Jan 2026	3	16.19	91.54	7.5	33.16	8.2	24.3	0.93
C6	12 Jan 2026	4	16.18	91.54	7.3	33.17	8.2	24.3	0.97
C6	12 Jan 2026	5	16.18	91.57	7.3	33.17	8.2	24.3	0.89
C6	12 Jan 2026	6	16.17	91.77	7.2	33.17	8.2	24.3	0.91
C6	12 Jan 2026	7	16.17	91.50	7.1	33.17	8.2	24.3	0.83
C6	12 Jan 2026	8	16.01	91.63	6.4	33.20	8.1	24.4	0.58
C6	12 Jan 2026	9	15.89	91.05	6.0	33.22	8.1	24.4	0.31
C6	20 Jan 2026	1	16.14	89.35	7.9	33.26	8.2	24.4	0.39
C6	20 Jan 2026	2	16.14	89.44	7.9	33.26	8.2	24.4	0.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C6	20 Jan 2026	3	16.09	89.36	7.8	33.26	8.2	24.4	0.36
C6	20 Jan 2026	4	16.06	89.69	7.8	33.26	8.2	24.4	0.55
C6	20 Jan 2026	5	16.04	90.86	7.8	33.26	8.2	24.4	0.69
C6	20 Jan 2026	6	16.03	92.01	7.8	33.26	8.2	24.4	0.84
C6	20 Jan 2026	7	16.01	93.14	7.7	33.26	8.2	24.4	0.97
C6	20 Jan 2026	8	15.94	93.28	7.5	33.25	8.1	24.4	0.82
C6	20 Jan 2026	9	15.85	93.72	7.3	33.25	8.1	24.4	0.69
C6	20 Jan 2026	10	15.82	93.21	7.3	33.25	8.1	24.4	0.41
C6	20 Jan 2026	11	15.82	91.52	7.2	33.24	8.1	24.4	0.40
C6	27 Jan 2026	1	15.98	90.53	7.2	33.29	8.1	24.4	0.46
C6	27 Jan 2026	2	15.98	90.43	7.2	33.29	8.1	24.4	0.46
C6	27 Jan 2026	3	15.97	89.92	7.3	33.29	8.1	24.4	0.49
C6	27 Jan 2026	4	15.96	89.48	7.3	33.29	8.1	24.4	0.55
C6	27 Jan 2026	5	15.95	89.52	7.3	33.29	8.1	24.4	0.58
C6	27 Jan 2026	6	15.95	89.61	7.2	33.29	8.1	24.4	0.57
C6	27 Jan 2026	7	15.94	89.57	7.2	33.29	8.1	24.4	0.54
C6	27 Jan 2026	8	15.94	89.59	7.3	33.29	8.1	24.4	0.51
C6	27 Jan 2026	9	15.94	89.80	7.3	33.29	8.1	24.4	0.50
C7	06 Jan 2026	1	16.93	84.57	7.6	33.03	8.2	24.0	1.07
C7	06 Jan 2026	2	16.93	84.34	7.6	33.02	8.2	24.0	1.15
C7	06 Jan 2026	3	16.93	83.94	7.6	33.03	8.2	24.0	1.23
C7	06 Jan 2026	4	16.92	83.28	7.5	33.06	8.2	24.0	1.25
C7	06 Jan 2026	5	16.89	84.33	7.3	33.08	8.2	24.1	1.13
C7	06 Jan 2026	6	16.84	87.38	7.2	33.09	8.2	24.1	0.82
C7	06 Jan 2026	7	16.77	88.16	7.1	33.14	8.2	24.1	0.51
C7	06 Jan 2026	8	16.74	88.09	7.1	33.16	8.2	24.2	0.41
C7	06 Jan 2026	9	16.71	88.62	7.1	33.16	8.2	24.2	0.36
C7	06 Jan 2026	10	16.68	88.85	7.1	33.17	8.2	24.2	0.37
C7	06 Jan 2026	11	16.65	88.38	7.1	33.17	8.2	24.2	0.37
C7	06 Jan 2026	12	16.62	88.46	7.1	33.18	8.2	24.2	0.38
C7	06 Jan 2026	13	16.60	88.84	7.2	33.18	8.2	24.2	0.37
C7	06 Jan 2026	14	16.57	89.47	7.2	33.18	8.2	24.2	0.39
C7	06 Jan 2026	15	16.55	89.59	7.2	33.18	8.2	24.2	0.41
C7	06 Jan 2026	16	16.45	89.65	7.2	33.19	8.2	24.3	0.41
C7	06 Jan 2026	17	16.37	90.02	7.1	33.20	8.2	24.3	0.44
C7	06 Jan 2026	18	16.00	90.52	7.1	33.21	8.2	24.4	0.46
C7	06 Jan 2026	19	15.86	90.68	7.1	33.22	8.2	24.4	0.44
C7	12 Jan 2026	1	16.26	95.94	7.7	33.20	8.2	24.3	0.69
C7	12 Jan 2026	2	16.26	95.96	7.6	33.20	8.2	24.3	0.71
C7	12 Jan 2026	3	16.26	95.88	7.6	33.20	8.2	24.3	0.74
C7	12 Jan 2026	4	16.26	95.80	7.7	33.20	8.2	24.3	0.83
C7	12 Jan 2026	5	16.26	95.81	7.6	33.20	8.2	24.3	0.86
C7	12 Jan 2026	6	16.26	95.81	7.6	33.20	8.2	24.3	0.86
C7	12 Jan 2026	7	16.25	95.94	7.6	33.20	8.2	24.3	0.86
C7	12 Jan 2026	8	16.25	95.89	7.6	33.20	8.2	24.3	0.89
C7	12 Jan 2026	9	16.24	96.09	7.6	33.20	8.2	24.3	0.87
C7	12 Jan 2026	10	16.23	96.21	7.6	33.20	8.2	24.3	0.84
C7	12 Jan 2026	11	16.20	96.17	7.6	33.20	8.2	24.3	0.79
C7	12 Jan 2026	12	16.18	96.34	7.5	33.20	8.2	24.3	0.78
C7	12 Jan 2026	13	16.16	96.31	7.5	33.20	8.2	24.3	0.80
C7	12 Jan 2026	14	16.08	96.13	7.4	33.19	8.2	24.3	0.83
C7	12 Jan 2026	15	15.91	95.89	7.2	33.20	8.2	24.4	0.84
C7	12 Jan 2026	16	15.79	95.49	7.0	33.20	8.2	24.4	0.83
C7	12 Jan 2026	17	15.44	94.77	6.8	33.23	8.1	24.5	0.68
C7	12 Jan 2026	18	15.23	94.43	6.8	33.24	8.1	24.6	0.58
C7	20 Jan 2026	1	16.16	92.09	7.9	33.25	8.2	24.4	1.02
C7	20 Jan 2026	2	16.16	87.63	7.9	33.25	8.2	24.4	1.04
C7	20 Jan 2026	3	16.16	91.95	7.9	33.25	8.2	24.4	1.02
C7	20 Jan 2026	4	16.16	92.29	7.9	33.25	8.2	24.4	1.05
C7	20 Jan 2026	5	16.16	92.23	7.9	33.25	8.2	24.4	1.15
C7	20 Jan 2026	6	16.16	92.31	7.9	33.25	8.2	24.4	1.24
C7	20 Jan 2026	7	16.16	92.40	7.9	33.25	8.2	24.4	1.16
C7	20 Jan 2026	8	16.13	92.53	7.8	33.25	8.2	24.4	1.16
C7	20 Jan 2026	9	16.07	92.66	7.8	33.25	8.2	24.4	0.99
C7	20 Jan 2026	10	16.06	92.85	7.8	33.25	8.2	24.4	0.87
C7	20 Jan 2026	11	16.05	92.93	7.7	33.25	8.2	24.4	0.94
C7	20 Jan 2026	12	16.03	93.20	7.7	33.25	8.2	24.4	0.92
C7	20 Jan 2026	13	15.99	93.26	7.7	33.25	8.2	24.4	0.92
C7	20 Jan 2026	14	15.95	93.17	7.6	33.24	8.1	24.4	1.02
C7	20 Jan 2026	15	15.89	93.13	7.5	33.25	8.1	24.4	1.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	20 Jan 2026	16	15.83	93.72	7.4	33.24	8.1	24.4	0.98
C7	20 Jan 2026	17	15.69	94.09	7.2	33.24	8.1	24.5	0.83
C7	20 Jan 2026	18	15.35	94.17	7.1	33.23	8.1	24.5	0.65
C7	20 Jan 2026	19	15.15	94.10	7.1	33.25	8.1	24.6	0.62
C7	27 Jan 2026	1	16.28	93.63	7.8	33.30	8.2	24.4	0.72
C7	27 Jan 2026	2	16.28	93.69	7.8	33.30	8.2	24.4	0.71
C7	27 Jan 2026	3	16.28	93.70	7.8	33.30	8.2	24.4	0.72
C7	27 Jan 2026	4	16.28	93.80	7.8	33.30	8.2	24.4	0.74
C7	27 Jan 2026	5	16.28	93.83	7.8	33.30	8.2	24.4	0.75
C7	27 Jan 2026	6	16.28	93.89	7.8	33.30	8.2	24.4	0.82
C7	27 Jan 2026	7	16.28	93.87	7.8	33.30	8.2	24.4	0.81
C7	27 Jan 2026	8	16.28	93.87	7.8	33.30	8.2	24.4	0.84
C7	27 Jan 2026	9	16.28	93.94	7.8	33.30	8.2	24.4	0.84
C7	27 Jan 2026	10	16.27	93.79	7.8	33.30	8.2	24.4	0.82
C7	27 Jan 2026	11	16.26	94.09	7.8	33.30	8.2	24.4	0.82
C7	27 Jan 2026	12	16.23	94.32	7.8	33.30	8.2	24.4	0.81
C7	27 Jan 2026	13	16.23	94.49	7.8	33.29	8.2	24.4	0.80
C7	27 Jan 2026	14	16.21	94.60	7.7	33.29	8.2	24.4	0.80
C7	27 Jan 2026	15	16.10	94.85	7.6	33.29	8.2	24.4	0.75
C7	27 Jan 2026	16	15.94	94.95	7.6	33.29	8.2	24.4	0.70
C7	27 Jan 2026	17	15.84	95.26	7.5	33.28	8.2	24.5	0.64
C7	27 Jan 2026	18	15.62	95.85	7.2	33.28	8.1	24.5	0.55
C7	27 Jan 2026	19	15.44	95.97	7.0	33.28	8.1	24.5	0.43
C8	06 Jan 2026	1	16.96	89.20	7.7	33.00	8.2	24.0	1.04
C8	06 Jan 2026	2	16.96	89.21	7.7	33.00	8.2	24.0	1.04
C8	06 Jan 2026	3	16.99	89.06	7.7	33.02	8.2	24.0	1.06
C8	06 Jan 2026	4	16.98	88.85	7.7	33.04	8.2	24.0	1.15
C8	06 Jan 2026	5	16.98	89.13	7.7	33.05	8.2	24.0	1.26
C8	06 Jan 2026	6	16.97	89.40	7.6	33.05	8.2	24.0	1.27
C8	06 Jan 2026	7	16.98	89.41	7.6	33.06	8.2	24.0	1.41
C8	06 Jan 2026	8	16.99	89.35	7.7	33.07	8.2	24.0	1.44
C8	06 Jan 2026	9	17.02	89.15	7.7	33.08	8.2	24.0	1.48
C8	06 Jan 2026	10	17.02	88.85	7.7	33.08	8.2	24.0	1.47
C8	06 Jan 2026	11	17.01	88.99	7.7	33.09	8.2	24.0	1.28
C8	06 Jan 2026	12	16.93	89.35	7.6	33.10	8.2	24.1	1.15
C8	06 Jan 2026	13	16.87	90.84	7.6	33.14	8.2	24.1	0.90
C8	06 Jan 2026	14	16.88	91.70	7.6	33.15	8.2	24.1	0.77
C8	06 Jan 2026	15	16.86	91.67	7.7	33.18	8.2	24.1	0.80
C8	06 Jan 2026	16	16.85	92.20	7.7	33.19	8.2	24.2	0.87
C8	06 Jan 2026	17	16.84	92.42	7.7	33.20	8.2	24.2	0.85
C8	06 Jan 2026	18	16.84	92.13	7.7	33.20	8.2	24.2	0.83
C8	06 Jan 2026	19	16.84	91.93	7.7	33.20	8.2	24.2	0.80
C8	06 Jan 2026	20	16.83	91.62	7.7	33.20	8.2	24.2	0.79
C8	12 Jan 2026	1	16.15	95.70	7.6	33.21	8.2	24.3	0.56
C8	12 Jan 2026	2	16.15	95.72	7.5	33.21	8.2	24.3	0.58
C8	12 Jan 2026	3	16.15	95.83	7.5	33.21	8.2	24.3	0.55
C8	12 Jan 2026	4	16.15	95.93	7.6	33.21	8.2	24.3	0.63
C8	12 Jan 2026	5	16.15	95.97	7.6	33.21	8.2	24.3	0.62
C8	12 Jan 2026	6	16.15	95.98	7.5	33.21	8.2	24.3	0.70
C8	12 Jan 2026	7	16.15	96.07	7.6	33.21	8.2	24.3	0.72
C8	12 Jan 2026	8	16.15	96.05	7.6	33.21	8.2	24.3	0.71
C8	12 Jan 2026	9	16.15	96.18	7.6	33.21	8.2	24.3	0.73
C8	12 Jan 2026	10	16.15	96.18	7.5	33.21	8.2	24.3	0.76
C8	12 Jan 2026	11	16.15	96.14	7.5	33.21	8.2	24.3	0.75
C8	12 Jan 2026	12	16.15	96.21	7.5	33.22	8.2	24.3	0.79
C8	12 Jan 2026	13	16.14	96.30	7.5	33.22	8.2	24.3	0.73
C8	12 Jan 2026	14	16.11	96.46	7.4	33.22	8.2	24.4	0.69
C8	12 Jan 2026	15	15.95	96.26	7.3	33.22	8.2	24.4	0.71
C8	12 Jan 2026	16	15.83	95.58	7.1	33.22	8.2	24.4	0.73
C8	12 Jan 2026	17	15.78	95.65	7.1	33.22	8.1	24.4	0.96
C8	12 Jan 2026	18	15.81	95.58	7.1	33.22	8.1	24.4	0.68
C8	12 Jan 2026	19	15.57	94.80	7.0	33.24	8.1	24.5	0.50
C8	20 Jan 2026	1	16.20	93.60	7.8	33.25	8.2	24.4	1.07
C8	20 Jan 2026	2	16.20	93.56	7.7	33.25	8.2	24.4	0.98
C8	20 Jan 2026	3	16.20	93.77	7.7	33.25	8.2	24.4	0.98
C8	20 Jan 2026	4	16.20	93.86	7.8	33.25	8.2	24.4	1.08
C8	20 Jan 2026	5	16.20	93.77	7.8	33.25	8.2	24.4	1.08
C8	20 Jan 2026	6	16.19	93.69	7.8	33.25	8.2	24.4	1.11
C8	20 Jan 2026	7	16.16	93.68	7.8	33.25	8.2	24.4	1.09
C8	20 Jan 2026	8	16.07	93.73	7.8	33.24	8.2	24.4	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C8	20 Jan 2026	9	16.05	93.75	7.9	33.24	8.2	24.4	1.32
C8	20 Jan 2026	10	16.04	93.93	7.9	33.24	8.2	24.4	1.41
C8	20 Jan 2026	11	15.99	93.91	7.8	33.24	8.2	24.4	1.50
C8	20 Jan 2026	12	15.95	93.93	7.8	33.24	8.2	24.4	1.47
C8	20 Jan 2026	13	15.90	93.76	7.7	33.24	8.2	24.4	1.49
C8	20 Jan 2026	14	15.85	93.50	7.7	33.24	8.1	24.4	1.31
C8	20 Jan 2026	15	15.81	93.47	7.6	33.24	8.1	24.4	1.18
C8	20 Jan 2026	16	15.76	93.92	7.5	33.24	8.1	24.4	1.26
C8	20 Jan 2026	17	15.71	94.04	7.5	33.24	8.1	24.5	1.14
C8	20 Jan 2026	18	15.65	94.31	7.4	33.24	8.1	24.5	1.04
C8	20 Jan 2026	19	15.54	94.52	7.3	33.24	8.1	24.5	0.96
C8	20 Jan 2026	20	15.50	94.28	7.3	33.24	8.1	24.5	0.73
C8	27 Jan 2026	1	16.17	91.48	7.7	33.30	8.2	24.4	1.05
C8	27 Jan 2026	2	16.17	90.96	7.7	33.30	8.2	24.4	1.09
C8	27 Jan 2026	3	16.17	90.96	7.7	33.30	8.2	24.4	1.19
C8	27 Jan 2026	4	16.16	91.58	7.7	33.30	8.2	24.4	1.26
C8	27 Jan 2026	5	16.17	91.50	7.7	33.30	8.2	24.4	1.31
C8	27 Jan 2026	6	16.16	91.61	7.7	33.30	8.2	24.4	1.34
C8	27 Jan 2026	7	16.16	91.55	7.7	33.30	8.2	24.4	1.32
C8	27 Jan 2026	8	16.16	91.68	7.7	33.30	8.2	24.4	1.32
C8	27 Jan 2026	9	16.17	91.66	7.7	33.30	8.2	24.4	1.31
C8	27 Jan 2026	10	16.17	91.76	7.7	33.30	8.2	24.4	1.35
C8	27 Jan 2026	11	16.16	91.74	7.7	33.30	8.2	24.4	1.27
C8	27 Jan 2026	12	16.16	91.75	7.7	33.30	8.2	24.4	1.29
C8	27 Jan 2026	13	16.16	91.83	7.7	33.30	8.2	24.4	1.22
C8	27 Jan 2026	14	16.15	91.87	7.7	33.30	8.2	24.4	1.22
C8	27 Jan 2026	15	16.07	91.82	7.7	33.30	8.2	24.4	1.16
C8	27 Jan 2026	16	15.86	92.21	7.5	33.29	8.2	24.5	0.92
C8	27 Jan 2026	17	15.72	93.18	7.3	33.28	8.1	24.5	0.67
C8	27 Jan 2026	18	15.47	93.99	7.1	33.28	8.1	24.5	0.52
C8	27 Jan 2026	19	15.34	93.85	7.1	33.27	8.1	24.6	0.47

NA = not available

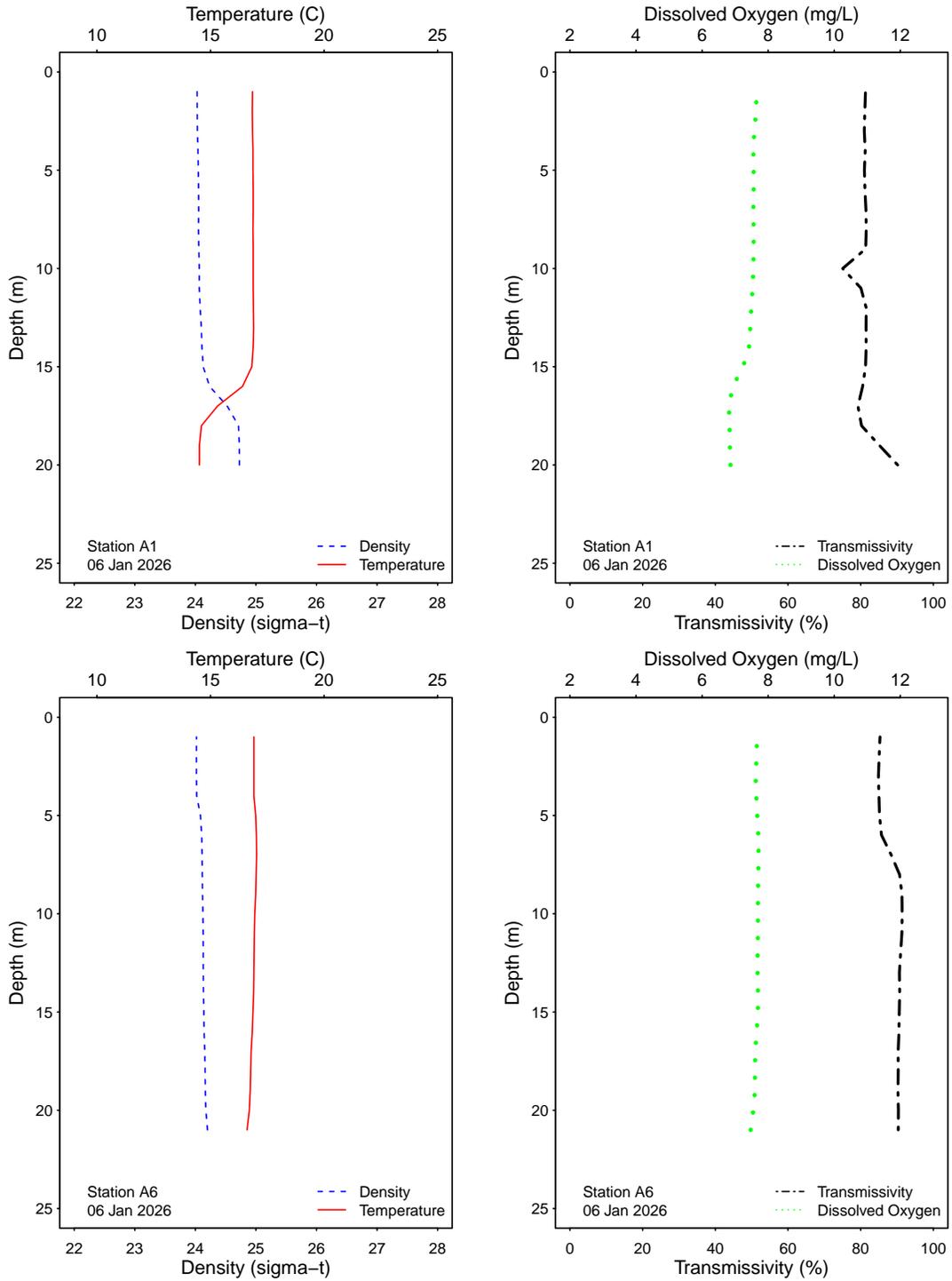


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

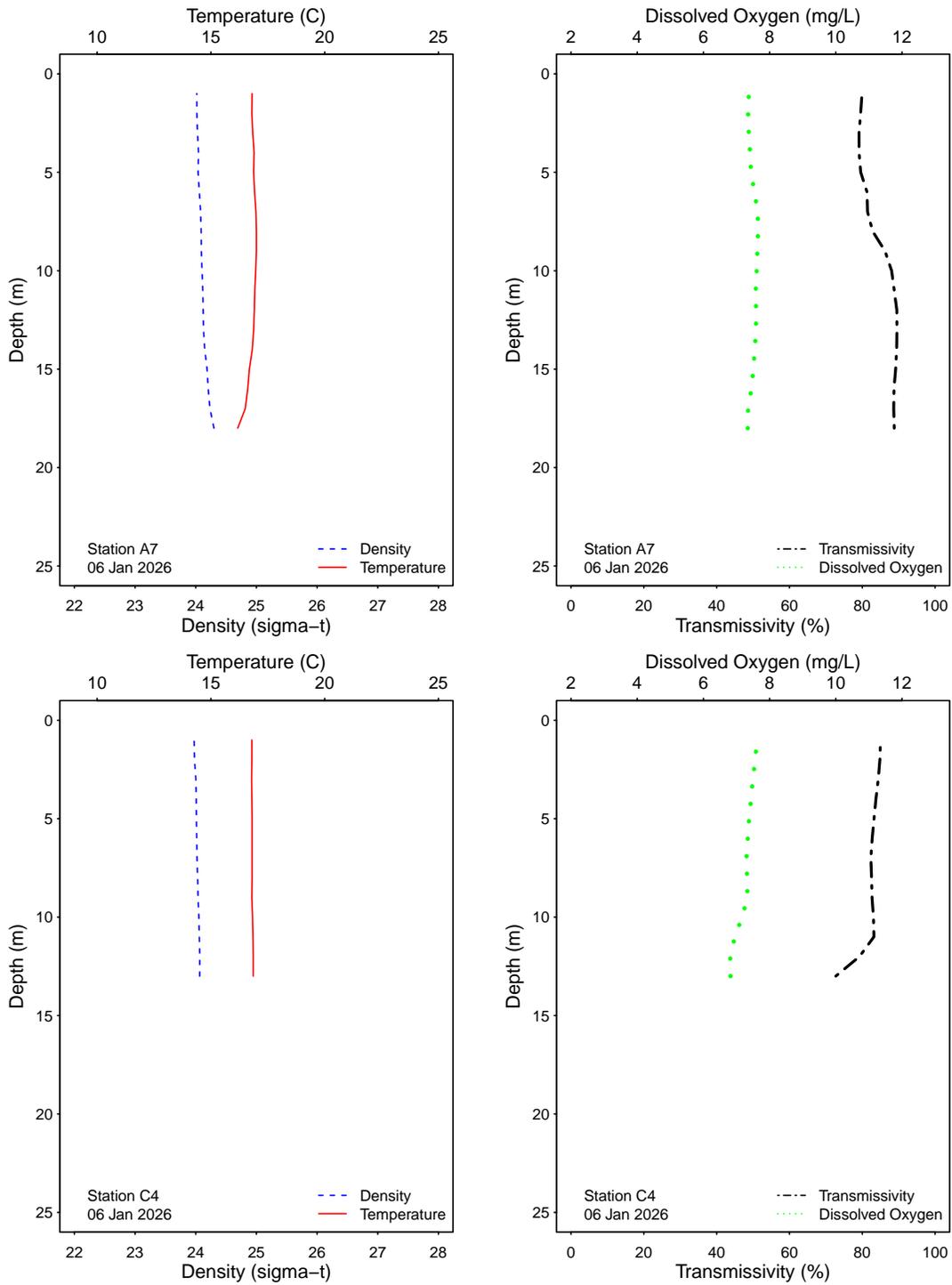


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

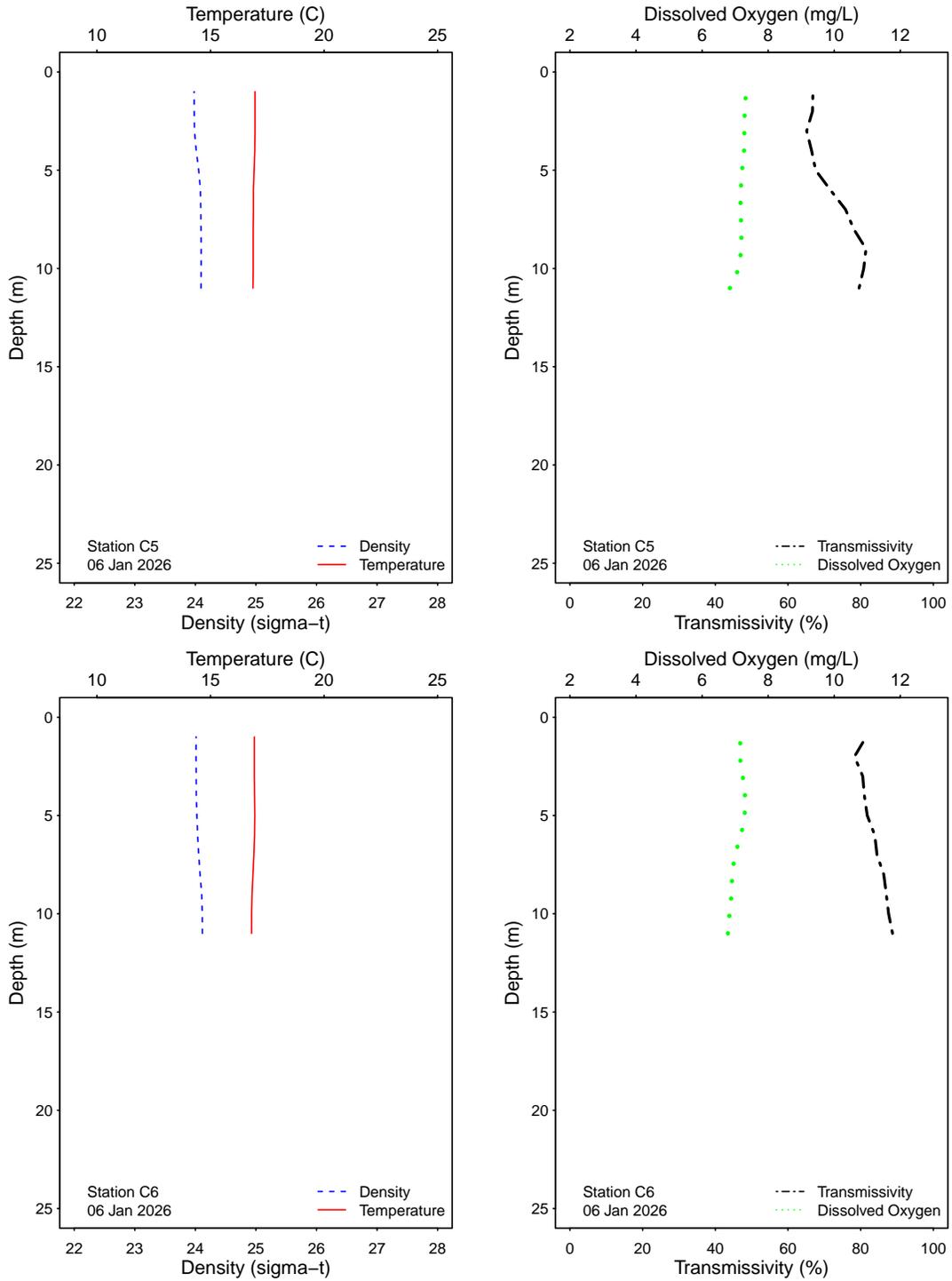


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

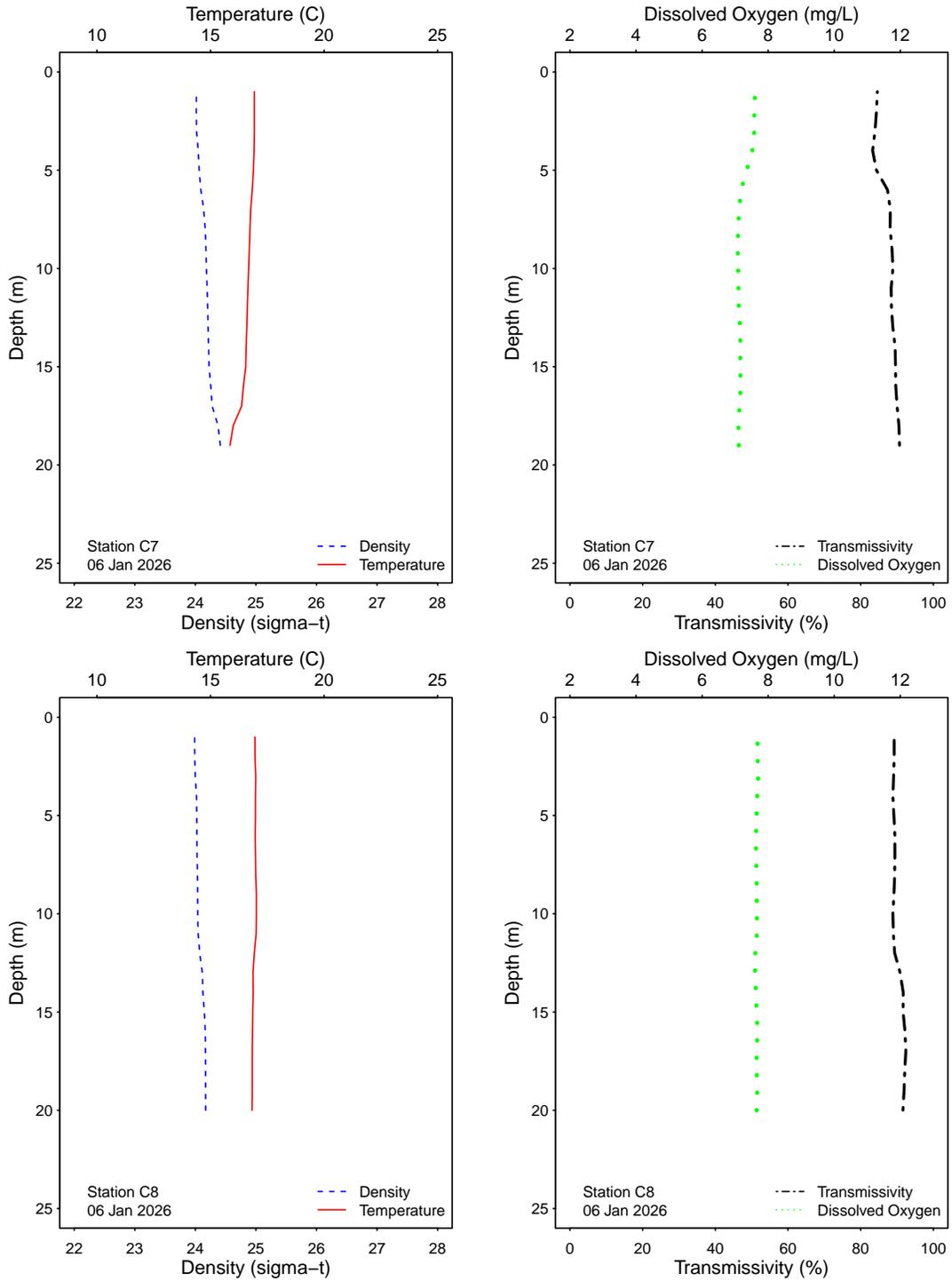


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

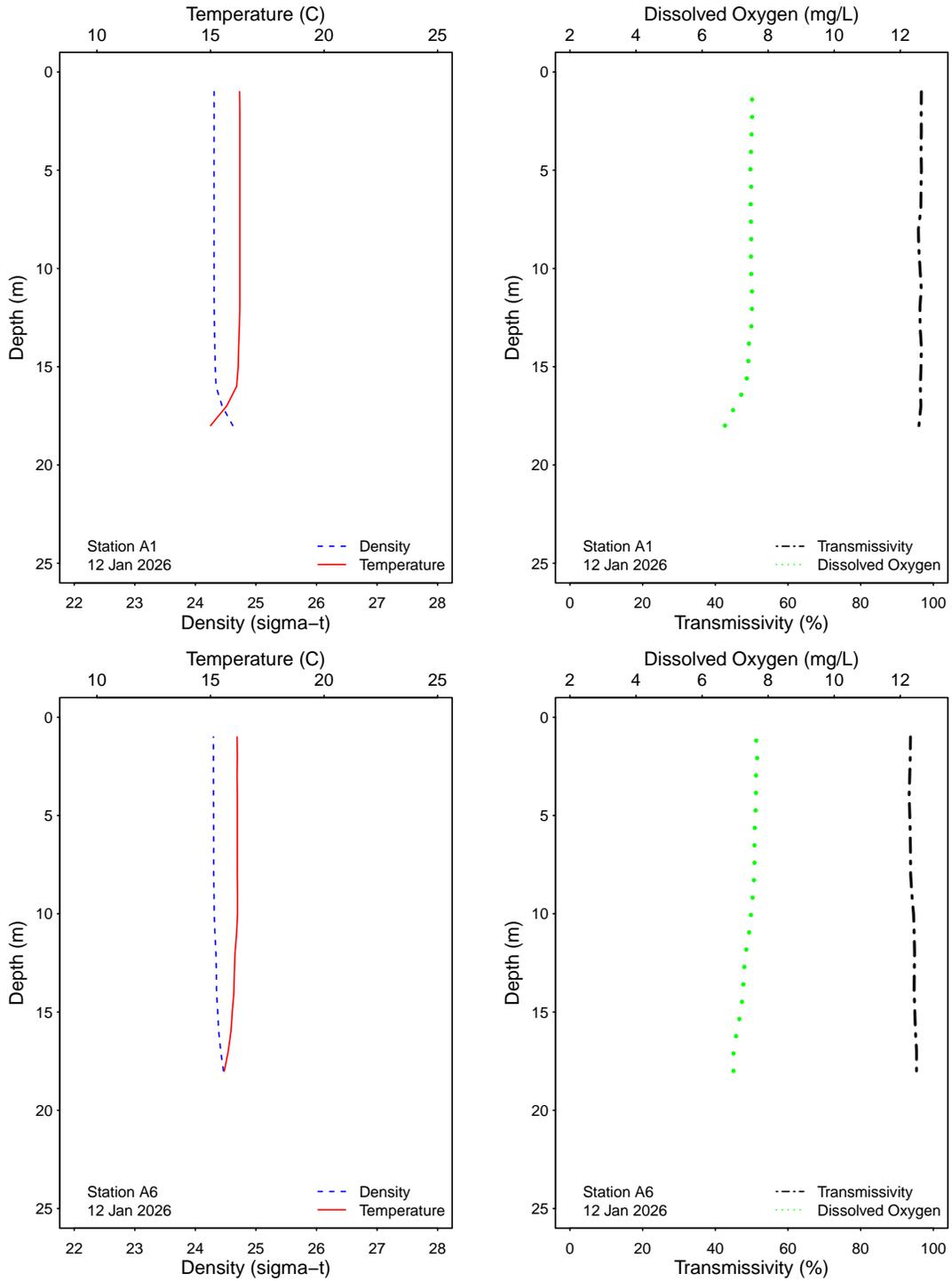


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

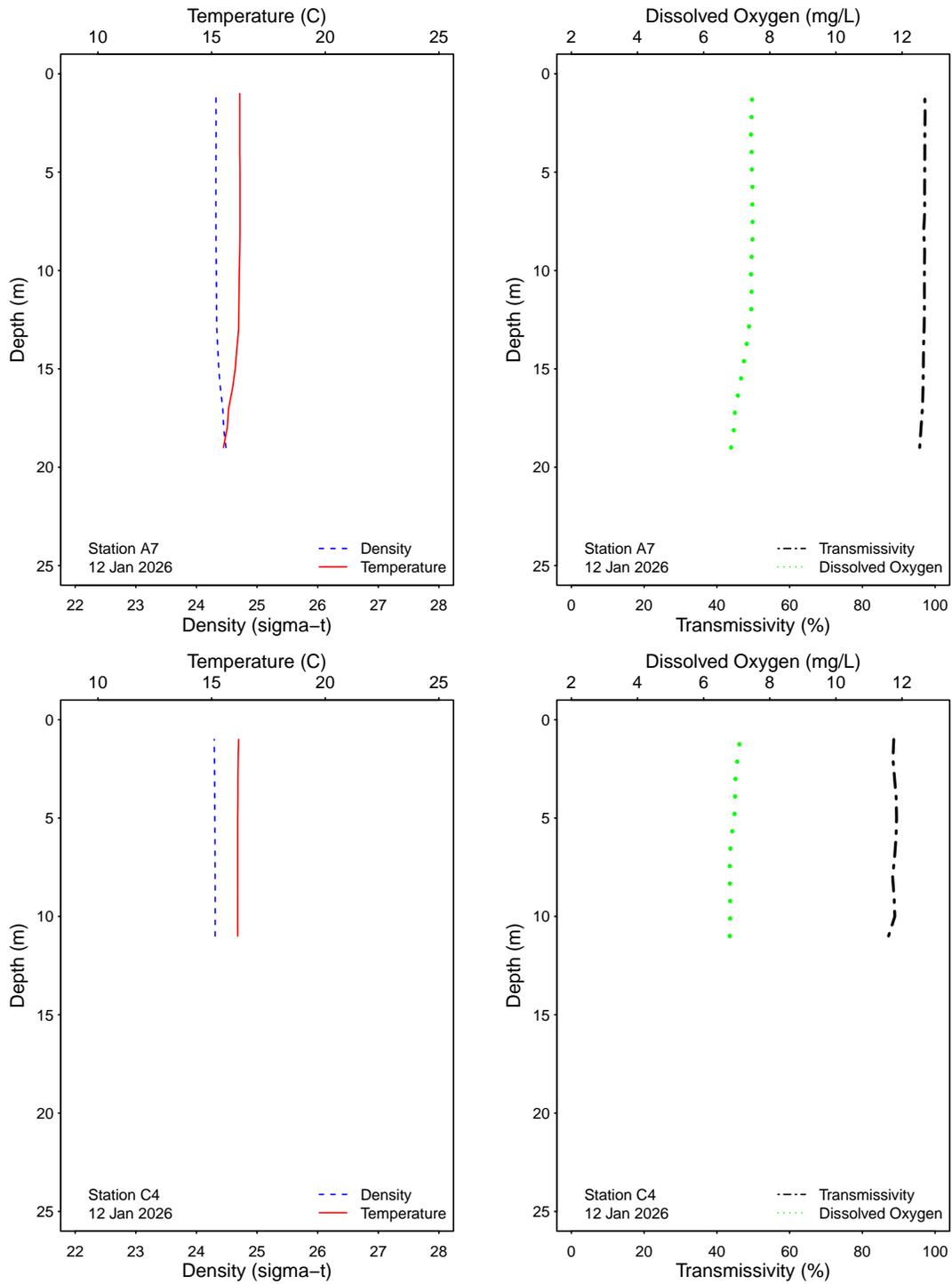


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

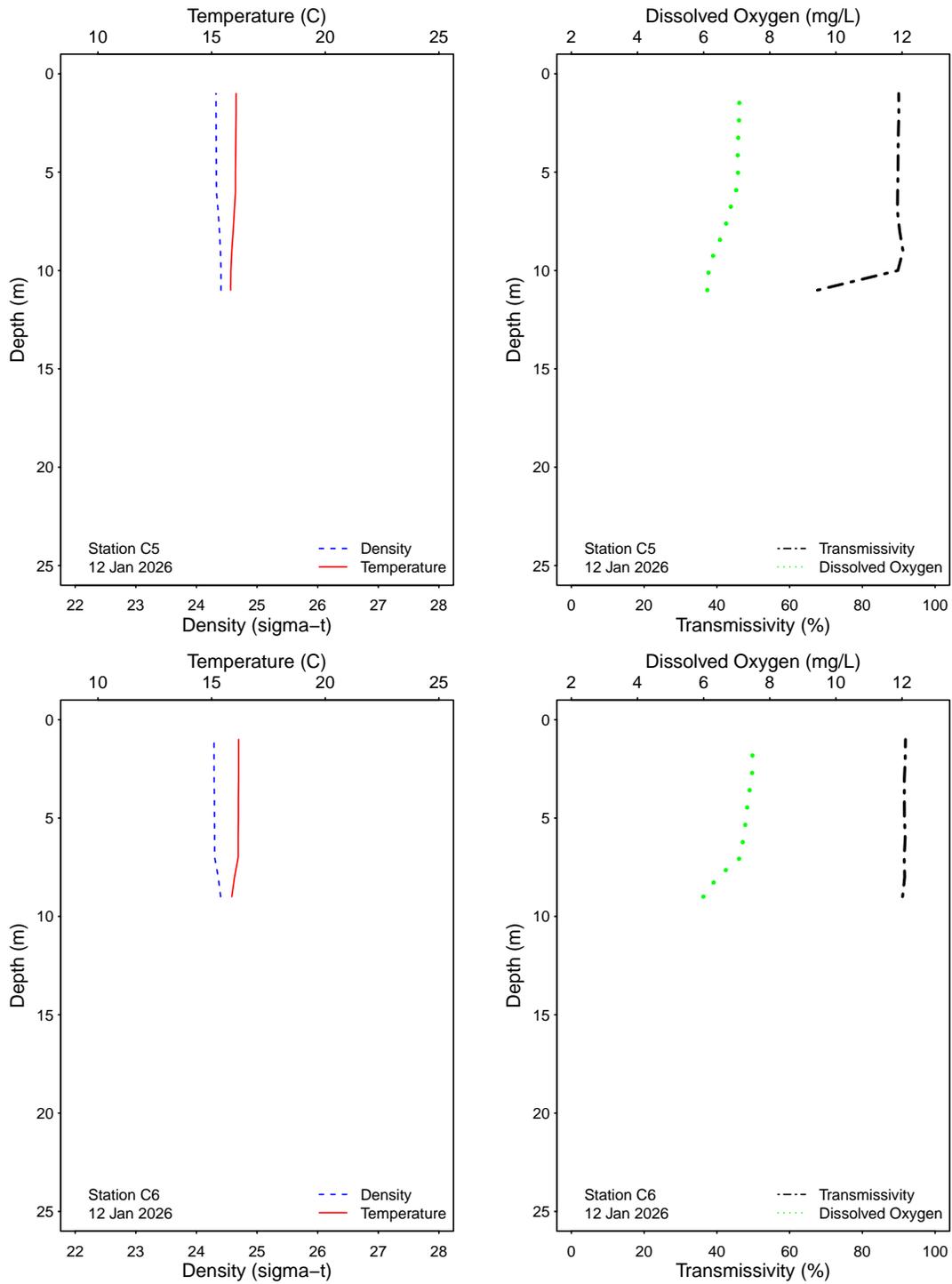


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

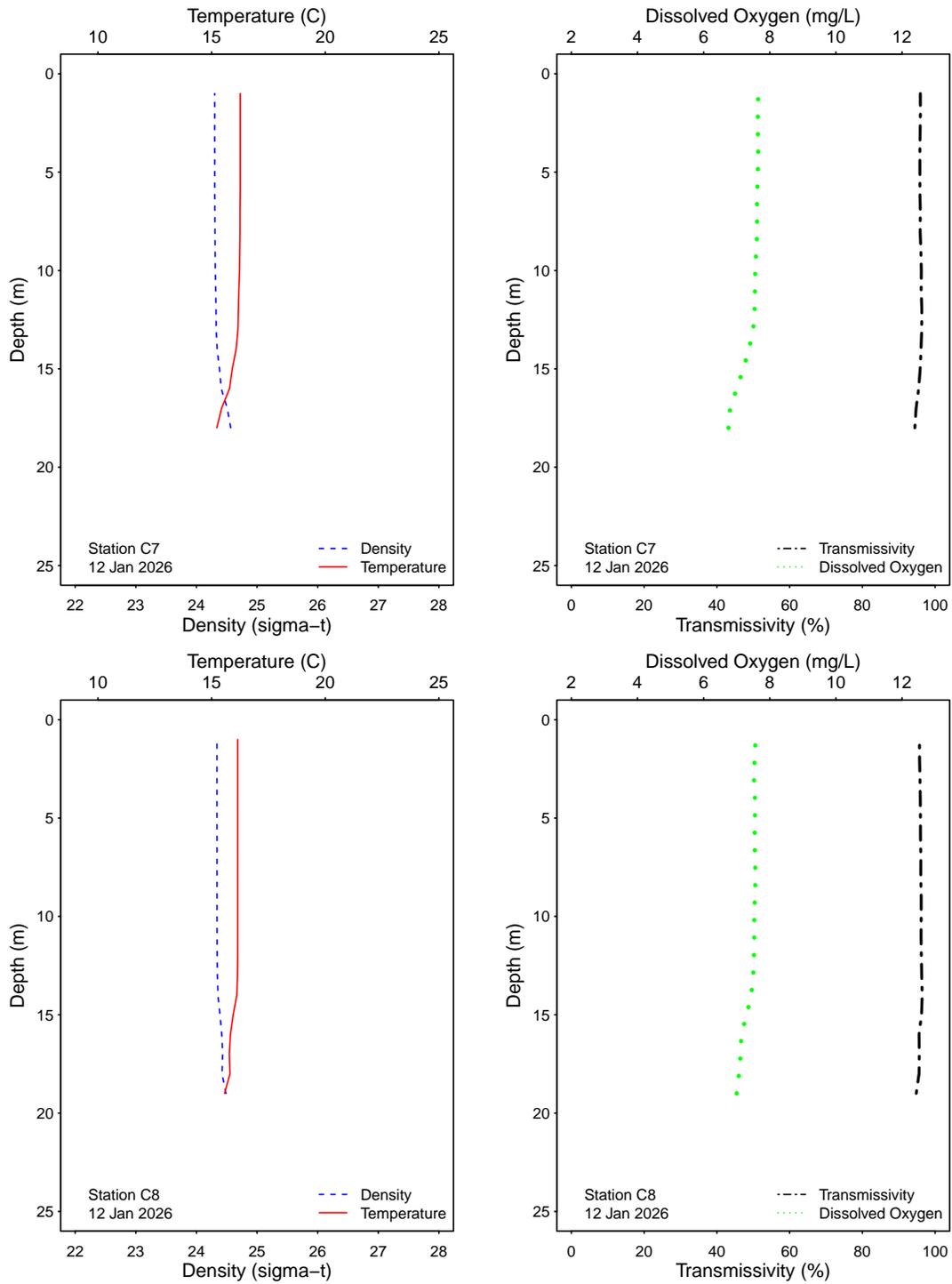


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

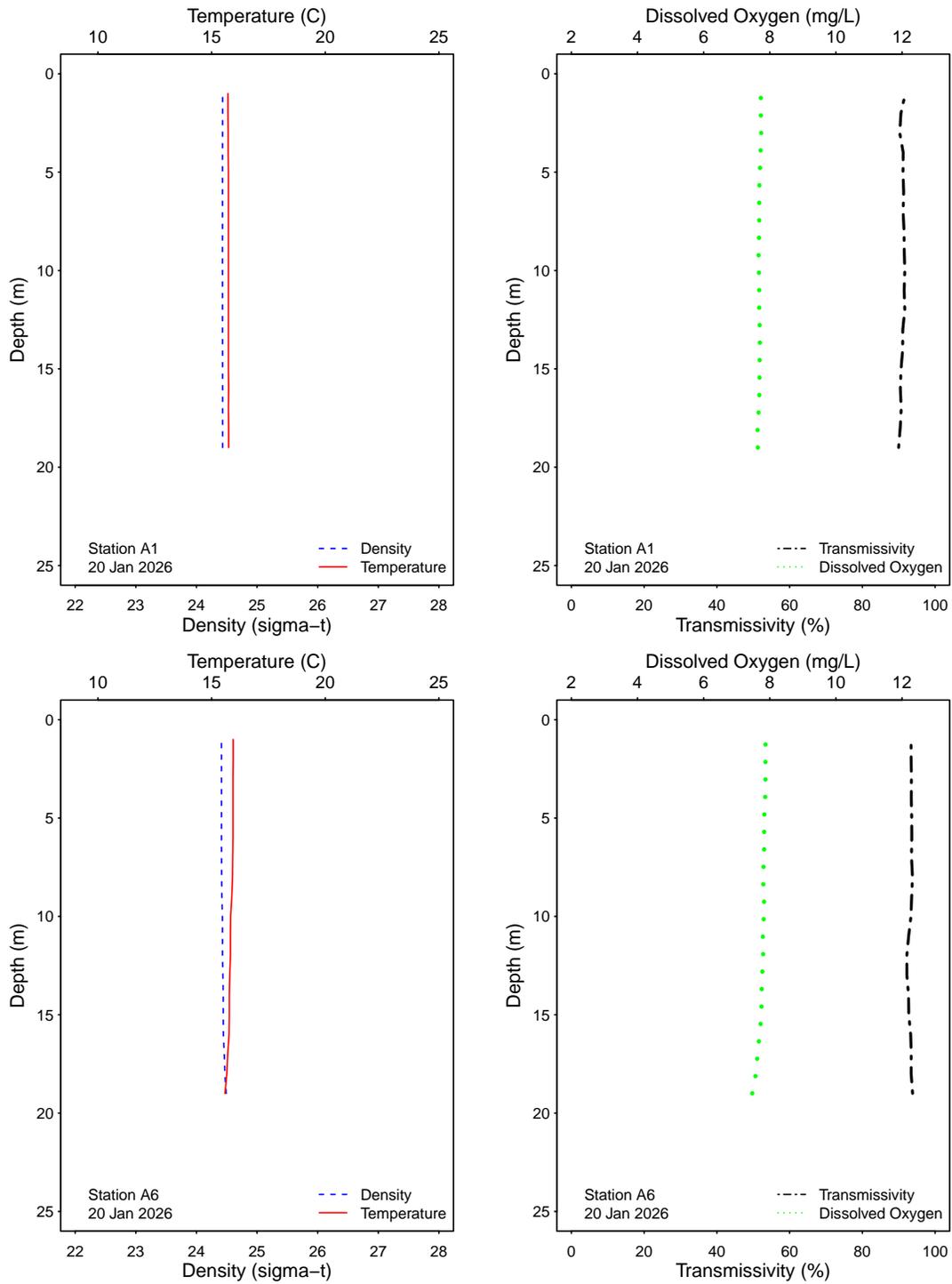


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

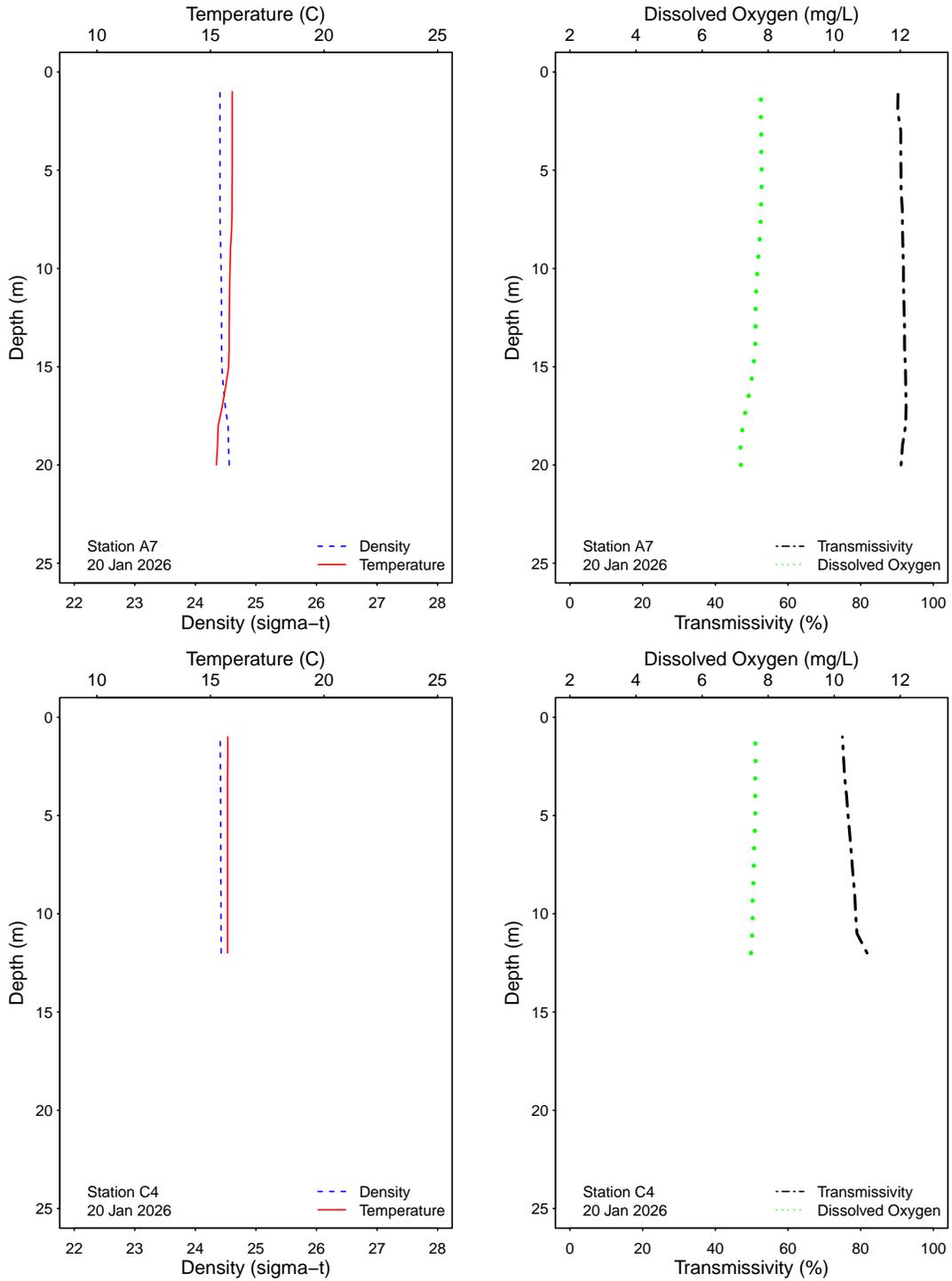


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

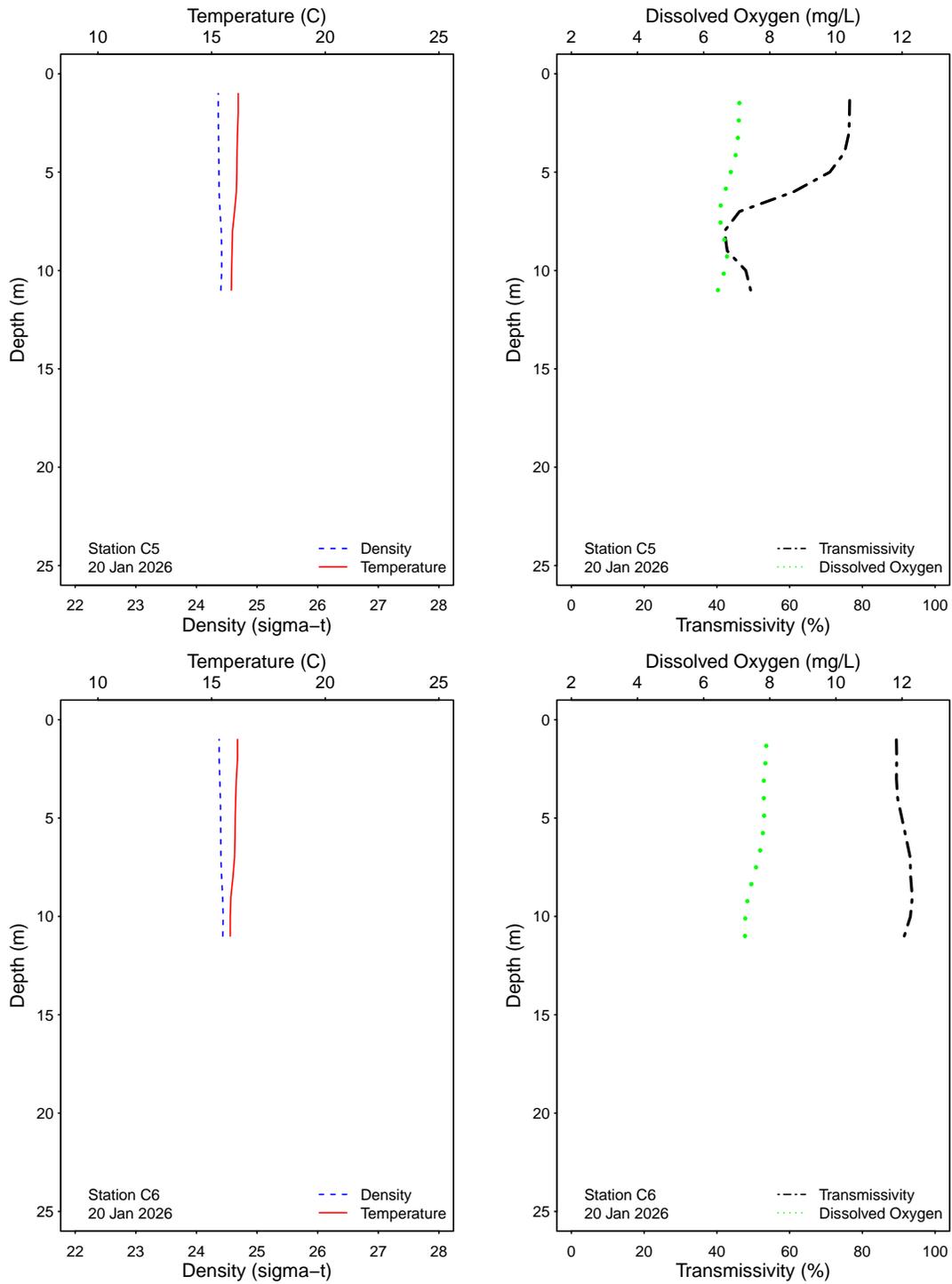


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

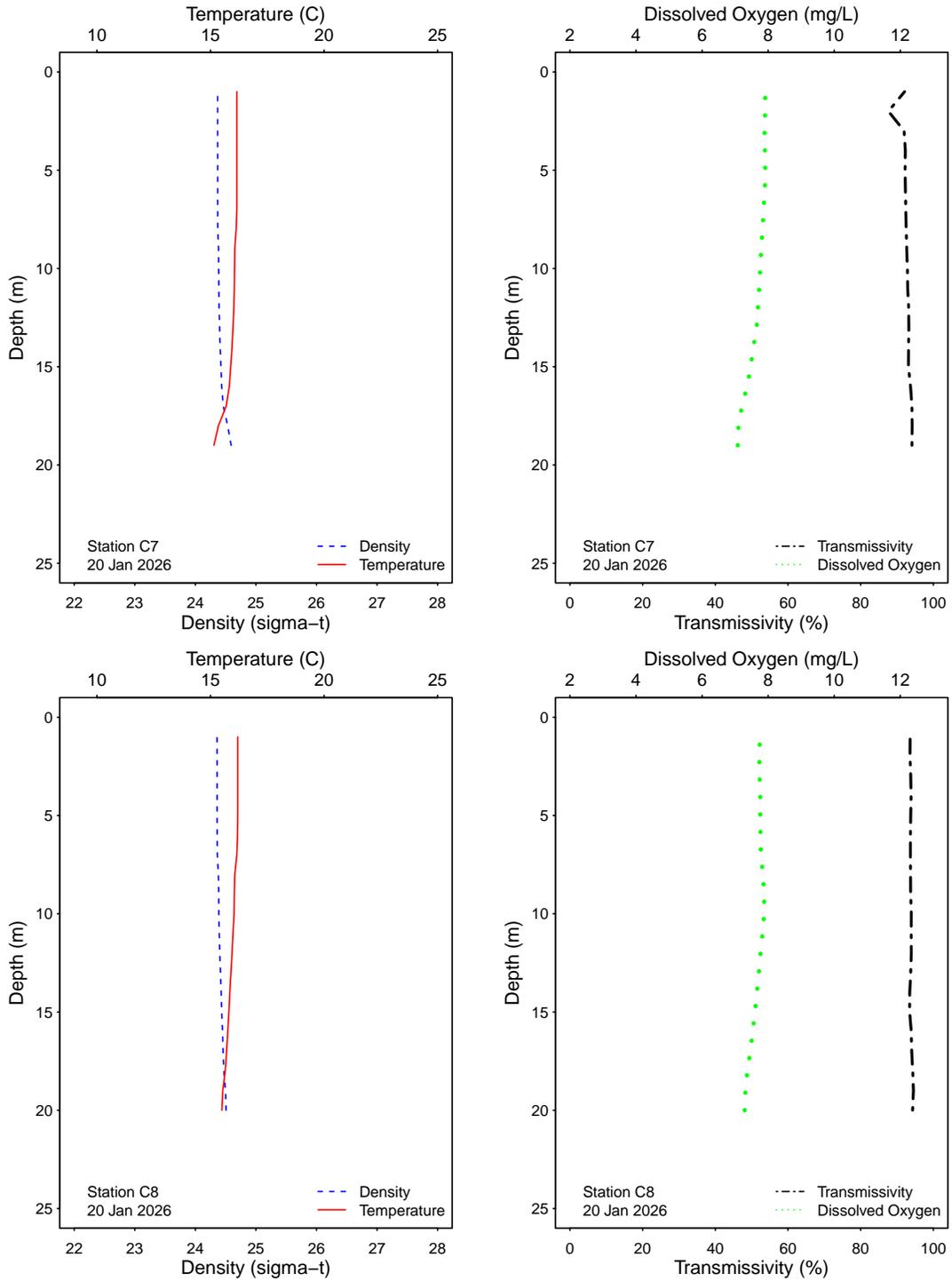


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

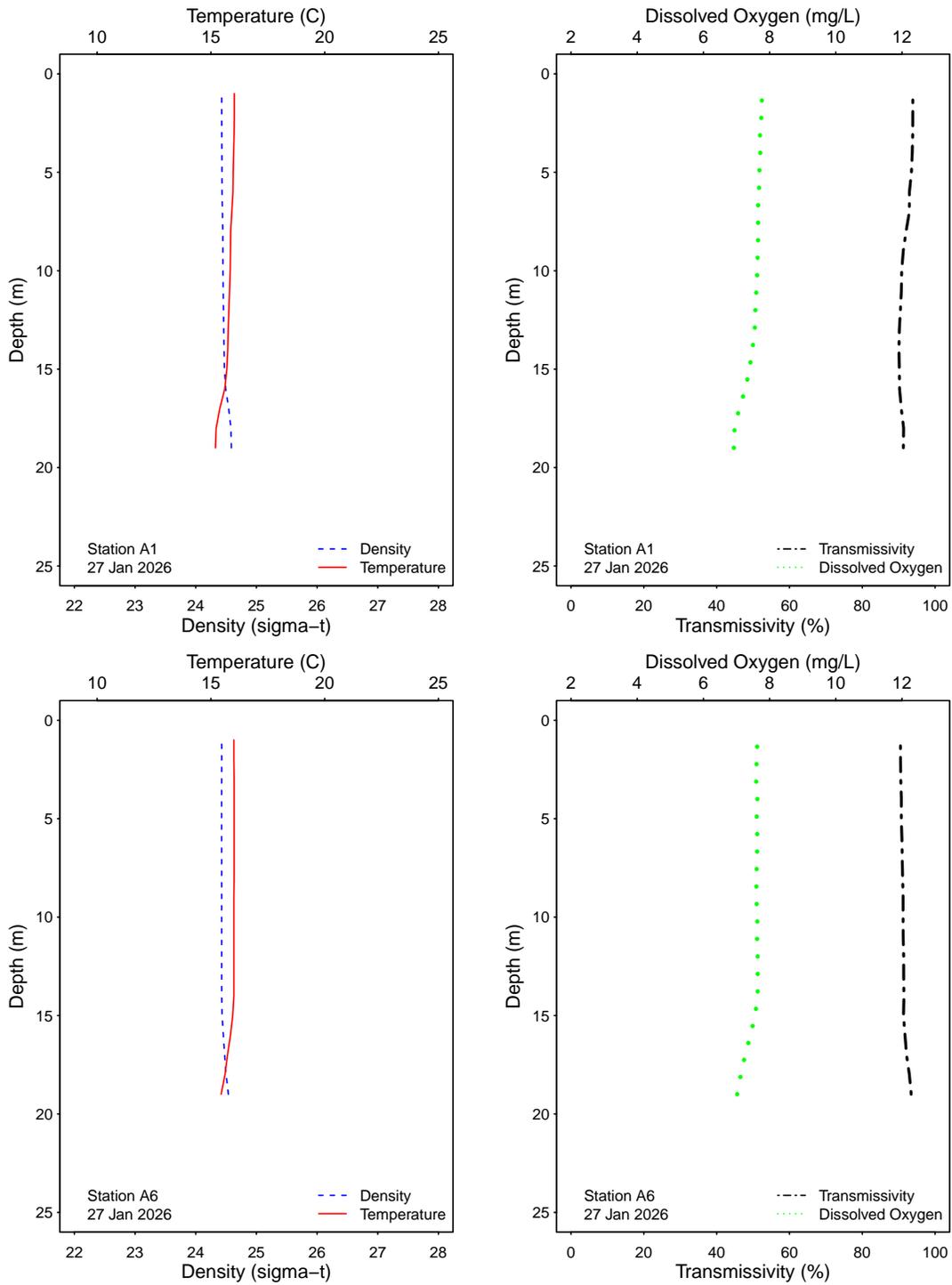


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

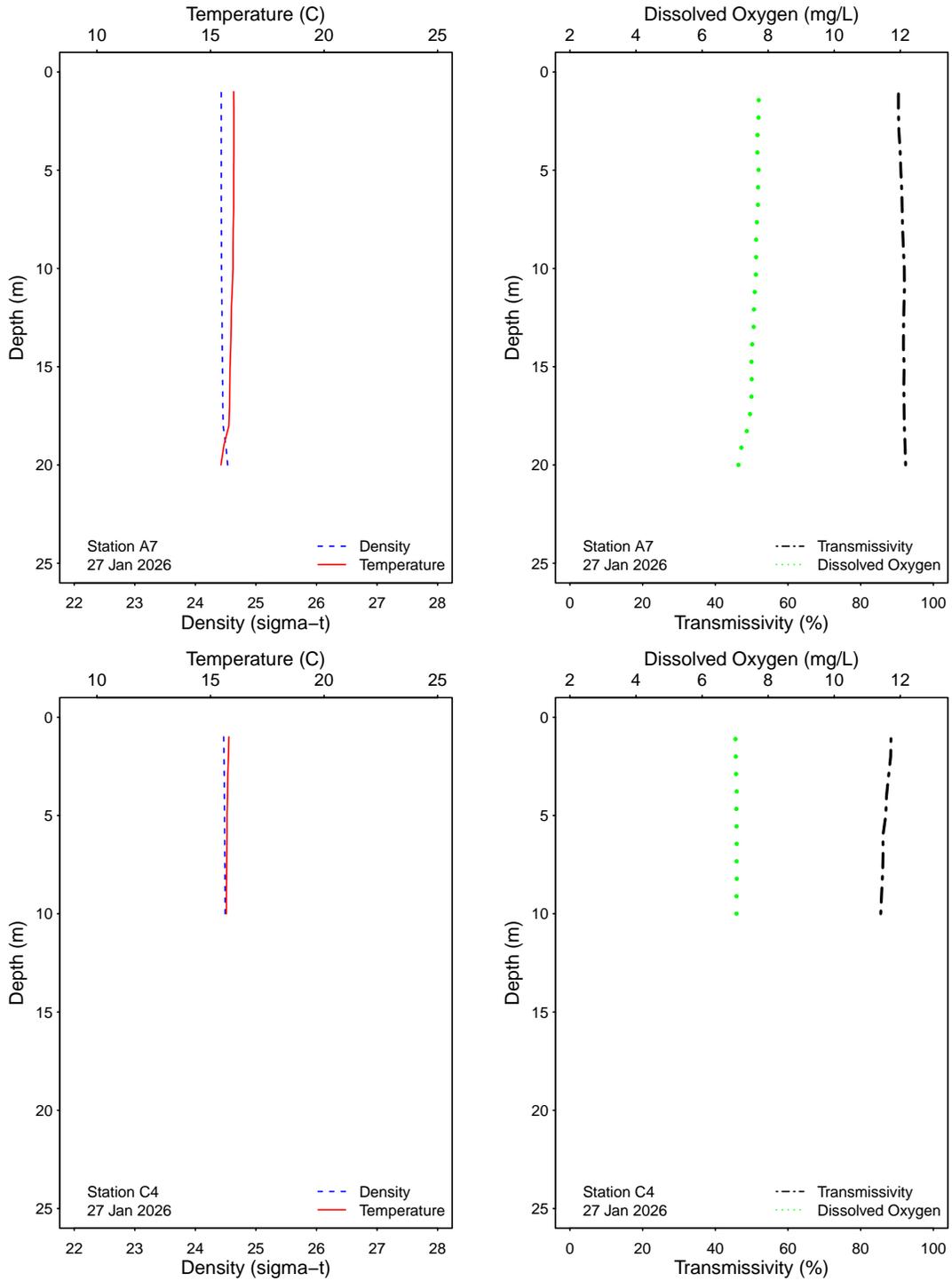


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

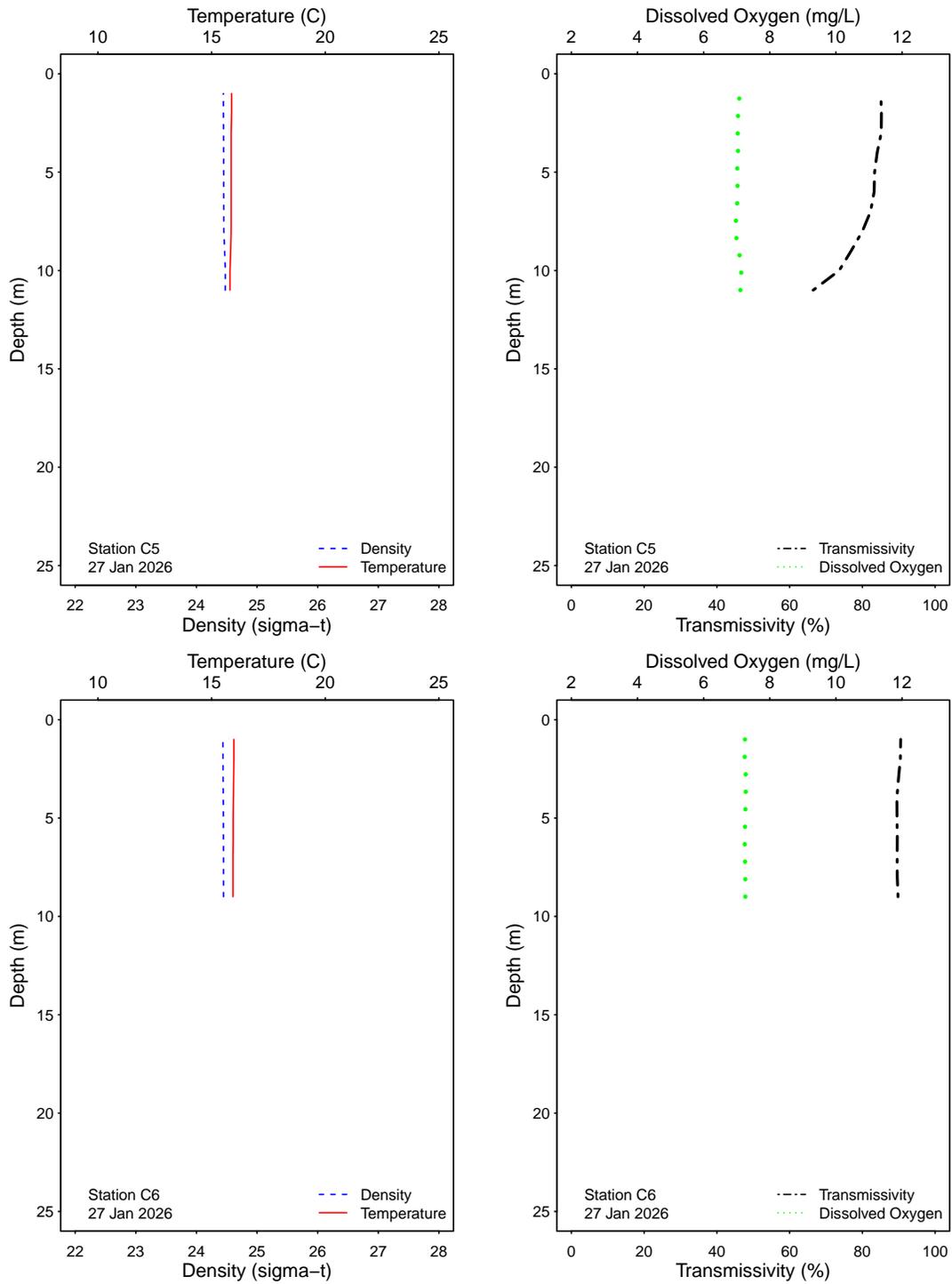


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

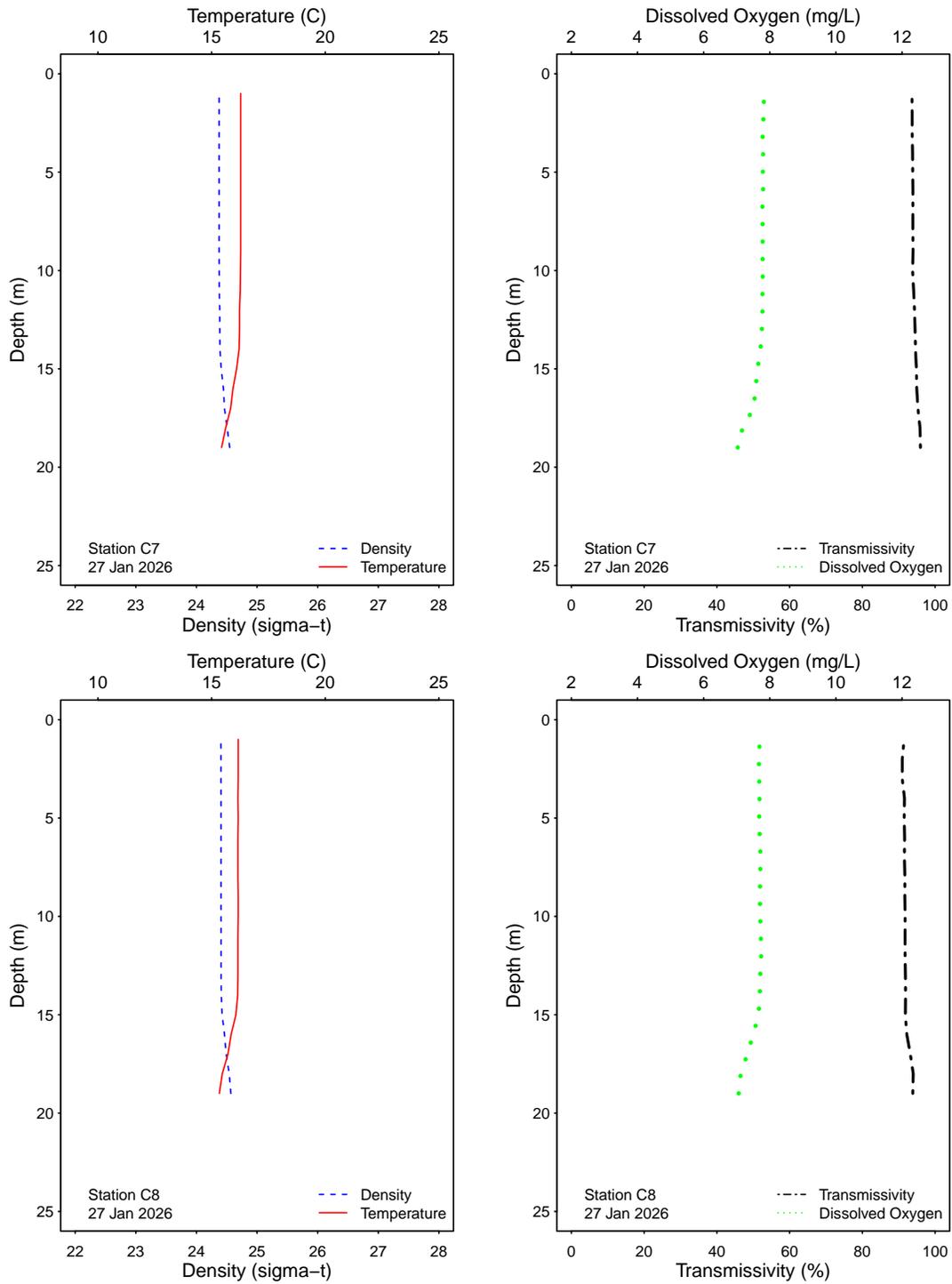


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

# 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	06 Jan 2026	18	NCD	LAB DUPLICATE	160	26	4
A7	12 Jan 2026	18	KT	LAB DUPLICATE	8	2	2
A7	20 Jan 2026	18	SS	LAB DUPLICATE	160	76	2
A7	27 Jan 2026	18	JF	LAB DUPLICATE	2	2	2
C7	06 Jan 2026	18	NCD	LAB DUPLICATE	220	24	10
C7	12 Jan 2026	18	KT	LAB DUPLICATE	2	2	2
C7	20 Jan 2026	18	SS	LAB DUPLICATE	8	2	2
C7	27 Jan 2026	18	JF	LAB DUPLICATE	2	2	2
C8	06 Jan 2026	12	NCD	LAB DUPLICATE	4	2	2
C8	12 Jan 2026	12	KT	LAB DUPLICATE	2	2	2
C8	20 Jan 2026	12	SS	LAB DUPLICATE	2	2	2
C8	27 Jan 2026	12	JF	LAB DUPLICATE	2	2	2
D12	07 Jan 2026		KT	FIELD DUPLICATE	14	2	10
D12	07 Jan 2026		KT	LAB DUPLICATE	2	4	2
D12	15 Jan 2026		SS	FIELD DUPLICATE	16	12	10
D12	15 Jan 2026		SS	LAB DUPLICATE	14	8	10
D12	21 Jan 2026		ADG	FIELD DUPLICATE	2	2	4
D12	21 Jan 2026		ADG	LAB DUPLICATE	2	2	2
D12	28 Jan 2026		JF	FIELD DUPLICATE	6	2	2
D12	28 Jan 2026		JF	LAB DUPLICATE	2	6	6

ns = not sampled

ND = no data

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# APPENDIX B

New 2019 Ocean Plan  
Water Quality Objectives



# 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	D9	D10	D11	D12
01 Jan 2026	4	4	3	16	4	5	8	4
02 Jan 2026	4	4	3	16	4	5	8	4
03 Jan 2026	4	4	3	16	4	5	8	4
04 Jan 2026	4	4	3	16	4	5	8	4
05 Jan 2026	4	4	3	16	4	5	8	4
06 Jan 2026	4	4	3	16	4	5	8	4
07 Jan 2026	4	4	3	14	4	5	6	5
08 Jan 2026	4	4	3	14	4	5	6	5
09 Jan 2026	4	4	3	14	4	5	6	5
10 Jan 2026	4	4	3	14	4	5	6	5
11 Jan 2026	4	4	3	14	4	5	6	5
12 Jan 2026	4	4	3	14	4	5	6	5
13 Jan 2026	4	4	3	14	4	5	6	5
14 Jan 2026	5	3	2	10	3	3	4	4
15 Jan 2026	4	3	2	8	3	3	4	5
16 Jan 2026	4	3	2	8	3	3	4	5
17 Jan 2026	4	3	2	8	3	3	4	5
18 Jan 2026	4	3	2	8	3	3	4	5
19 Jan 2026	4	3	2	8	3	3	4	5
20 Jan 2026	4	3	2	8	3	3	4	5
21 Jan 2026	4	3	2	13	3	3	6	7
22 Jan 2026	4	3	2	13	3	3	6	7
23 Jan 2026	4	3	2	13	3	3	6	7
24 Jan 2026	4	3	2	13	3	3	6	7
25 Jan 2026	4	3	2	13	3	3	6	7
26 Jan 2026	4	3	2	13	3	3	6	7
27 Jan 2026	4	3	2	13	3	3	6	7
28 Jan 2026	4	3	2	10	3	3	5	6
29 Jan 2026	4	2	2	8	3	3	3	6
30 Jan 2026	4	2	2	8	3	3	3	6
31 Jan 2026	4	2	2	8	3	3	3	6

\* 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	D9	D10	D11	D12
January	IC	IC	IC	IC	IC	IC	IC	IC

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	D9	D10	D11	D12
01 Jan 2026	20	20	18	<b>120</b>	20	20	18	20
02 Jan 2026	*12	*11	*13	*70	*16	*20	*16	*22
03 Jan 2026	*12	*11	*13	*70	*16	*20	*16	*22
04 Jan 2026	*12	*11	*13	*70	*16	*20	*16	*22
05 Jan 2026	*12	*11	*13	*70	*16	*20	*16	*22
06 Jan 2026	*12	*11	*13	*70	*16	*20	*16	*22
07 Jan 2026	4	20	8	<b>100</b>	20	20	18	20
08 Jan 2026	4	20	8	<b>100</b>	20	20	18	20
09 Jan 2026	*12	*50	*13	* <b>110</b>	*30	*20	*27	*12
10 Jan 2026	*12	*50	*13	* <b>110</b>	*30	*20	*27	*12
11 Jan 2026	*12	*50	*13	* <b>110</b>	*30	*20	*27	*12
12 Jan 2026	*12	*50	*13	* <b>110</b>	*30	*20	*27	*12
13 Jan 2026	*12	*50	*13	* <b>110</b>	*30	*20	*27	*12
14 Jan 2026	*12	*50	*13	* <b>110</b>	*30	*20	*27	*12
15 Jan 2026	4	20	8	<b>100</b>	20	20	14	10
16 Jan 2026	4	20	8	<b>100</b>	20	20	14	10
17 Jan 2026	*3	*20	*6	* <b>110</b>	*16	*19	*13	*15
18 Jan 2026	*3	*20	*6	* <b>110</b>	*16	*19	*13	*15
19 Jan 2026	*3	*20	*6	* <b>110</b>	*16	*19	*13	*15
20 Jan 2026	*3	*20	*6	* <b>110</b>	*16	*19	*13	*15
21 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
22 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
23 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
24 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
25 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
26 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
27 Jan 2026	*3	*20	*4	*70	*13	*39	*37	*7
28 Jan 2026	2	20	4	40	12	18	14	10
29 Jan 2026	*2	*20	*4	*40	*13	*38	*33	*7
30 Jan 2026	*2	*20	*4	*40	*13	*38	*33	*7
31 Jan 2026	*2	*20	*4	*40	*13	*38	*33	*7

\* 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	D9	D10	D11	D12
January	E	IC	IC	IC	IC	E	IC	IC

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 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 >30 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Jan 2026	2	2	2	2	2	2	2	2
02 Jan 2026	2	2	2	2	2	2	2	2
03 Jan 2026	2	2	2	2	2	2	2	2
04 Jan 2026	2	2	2	2	2	2	2	2
05 Jan 2026	2	2	2	2	2	2	2	2
06 Jan 2026	2	2	2	2	2	2	3	2
07 Jan 2026	2	2	2	2	2	2	3	2
08 Jan 2026	2	2	2	2	2	2	3	2
09 Jan 2026	2	2	2	2	2	2	3	2
10 Jan 2026	2	2	2	2	2	2	3	2
11 Jan 2026	2	2	2	2	2	2	3	2
12 Jan 2026	2	2	2	2	2	2	2	2
13 Jan 2026	2	2	2	2	2	2	3	2
14 Jan 2026	2	2	2	2	2	2	3	2
15 Jan 2026	2	2	2	2	2	2	3	2
16 Jan 2026	2	2	2	2	2	2	3	2
17 Jan 2026	2	2	2	2	2	2	3	2
18 Jan 2026	2	2	2	2	2	2	3	2
19 Jan 2026	2	2	2	2	2	2	2	2
20 Jan 2026	2	2	2	2	2	2	2	2
21 Jan 2026	2	2	2	2	2	2	2	2
22 Jan 2026	2	2	2	2	2	2	2	2
23 Jan 2026	2	2	2	2	2	2	2	2
24 Jan 2026	2	2	2	2	2	2	2	2
25 Jan 2026	2	2	2	2	2	2	2	2
26 Jan 2026	2	2	2	2	2	2	2	2
27 Jan 2026	2	2	2	2	2	2	2	2
28 Jan 2026	2	2	2	2	2	2	2	2
29 Jan 2026	2	2	2	2	2	2	2	2
30 Jan 2026	2	2	2	2	2	2	2	2
31 Jan 2026	2	2	2	2	2	2	2	2

\* Geometric mean calculated using n<5

## Table B.6

Summary of compliance at the PLOO kelp 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 = In Compliance

E = Exceedance

ns = not sampled

ND = no data

**Table B.7**

Summary of compliance with the Ocean Plan's 30-day Median<sup>TM</sup> 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 2026	*5	*7	*51	*2	*6	*14	*2	*5	*17	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7
02 Jan 2026	*5	*7	*51	*2	*6	*14	*2	*5	*17	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7
03 Jan 2026	*5	*7	*51	*2	*6	*14	*2	*5	*17	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7
04 Jan 2026	*5	*7	*51	*2	*6	*14	*2	*5	*17	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7
05 Jan 2026	*5	*7	*51	*2	*6	*14	*2	*5	*17	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*7
06 Jan 2026	6	8	20	2	4	18	2	8	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8	8
07 Jan 2026	*10	*7	*16	*2	*7	*18	*2	*16	*55	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
08 Jan 2026	*10	*7	*16	*2	*7	*18	*2	*16	*55	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
09 Jan 2026	*10	*7	*16	*2	*7	*18	*2	*16	*55	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
10 Jan 2026	*10	*7	*16	*2	*7	*18	*2	*16	*55	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
11 Jan 2026	*10	*7	*16	*2	*7	*18	*2	*16	*55	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
12 Jan 2026	4	6	12	2	4	10	2	8	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8
13 Jan 2026	4	6	12	2	4	10	2	8	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8
14 Jan 2026	*3	*5	*10	*2	*3	*14	*2	*5	*18	*3	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
15 Jan 2026	*3	*5	*10	*2	*3	*14	*2	*5	*18	*3	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
16 Jan 2026	*3	*5	*10	*2	*3	*14	*2	*5	*18	*3	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
17 Jan 2026	*3	*5	*10	*2	*3	*14	*2	*5	*18	*3	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
18 Jan 2026	*3	*5	*10	*2	*3	*14	*2	*5	*18	*3	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
19 Jan 2026	*3	*5	*10	*2	*3	*14	*2	*5	*18	*3	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*8
20 Jan 2026	2	2	8	2	2	8	2	8	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8
21 Jan 2026	2	2	8	2	2	8	2	8	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8
22 Jan 2026	*3	*5	*10	*2	*2	*5	*2	*9	*55	*3	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5
23 Jan 2026	*3	*5	*10	*2	*2	*5	*2	*9	*55	*3	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5
24 Jan 2026	*3	*5	*10	*2	*2	*5	*2	*9	*55	*3	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5
25 Jan 2026	*3	*5	*10	*2	*2	*5	*2	*9	*55	*3	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5
26 Jan 2026	*3	*5	*10	*2	*2	*5	*2	*9	*55	*3	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*5
27 Jan 2026	2	2	8	2	2	8	2	8	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
28 Jan 2026	*2	*2	*5	*2	*2	*5	*2	*6	*43	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*3
29 Jan 2026	*2	*2	*5	*2	*2	*5	*2	*6	*43	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*3
30 Jan 2026	*2	*2	*5	*2	*2	*5	*2	*6	*43	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*3
31 Jan 2026	*2	*2	*5	*2	*2	*5	*2	*6	*43	*2	*2	*2	*2	*2	*5	*2	*2	*2	*2	*2	*2	*2	*2	*2	*3

\* 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	18m	1m	18m	1m	3m	9m	3m	9m	1m	3m	9m	1m	18m
January	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC

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