SD Public Utilities

SOUTH BAY OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

SOUTH BAY WATER RECLAMATION PLANT

NPDES Permit No. CA0109045
SDRWQCB Order No. R9-2021-0011

JANUARY 2026

Environmental Monitoring and Technical Services
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CERTIFIED
Public Utilities Department
Continual Improvement, Prevention of Pollution, Regulatory Compliance
ISO 14001

The City *of*
SAN DIEGO
Public Utilities Department
Environmental Monitoring & Technical Services Division

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 South Bay Ocean Outfall, South Bay Water Reclamation Plant as required per Order No. R9-2021-0011, NPDES Permit No. CA0109045.

This report includes raw ocean monitoring data and summaries of water quality parameters and ocean conditions measured during the month for the South Bay outfall region. Also included are summaries of compliance with the bacterial water-contact standards specified in the California Ocean Plan. These data are also presented in the monthly report submitted by the International Boundary and Water Commission, U.S. Section for discharge from the South Bay International Wastewater Treatment Plant (Order No. R9-2021-0001, NPDES Permit No. CA0108928).

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 from Playa Blanco, Mexico to Coronado, USA are submitted to the San Diego Regional Water Quality Control Board and U.S. EPA Region 9 in accordance with Order No. R9-2021-0011, NPDES Permit No. CA0109045, for the South Bay Water Reclamation Plant (SBWRP), South Bay Ocean Outfall (SBOO). 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 SBWRP are presented in separate reports.

MATERIALS AND METHODS

Shore Stations

Water quality monitoring was conducted at 11 stations located along the shore from Playa Blanca, Mexico to Coronado, USA (see station locations map). Three sites are located south of the international border (stations S0, S2, S3), while eight sites are in the United States (stations S4–S6 and S8–S12).

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

Kelp Bed Stations

Seven kelp bed and other nearshore stations (I19, I24, I25, I26, I32, I39, I40; collectively referred to as "kelp" stations herein) were sampled weekly according to NPDES permit specifications. Six stations (I19, I24, I25, I26, I32, I40) are located along the 9-m depth contour, and one (I39) is located along the 18-m depth contour. Three of these stations, I25, I26, and I39, were selected based on their proximity to suitable substrates for the Imperial Beach kelp bed (see station locations map); however, this kelp bed has been historically transient and variable in terms of size and density. Thus, these three stations are only occasionally located within an area where kelp is actually found.

Routine monitoring at each kelp site consists of collecting seawater samples at three discrete depths for bacteriological analyses (total coliforms, fecal coliforms, and *Enterococcus* bacteria) and generating water column profiles of various physical/chemical parameters, including water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, and transmissivity. Visual observations of weather and water conditions are also recorded at all stations.

Seawater samples at the kelp bed stations are primarily collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses were drawn from these bottles into sterile sample bottles for processing at the City's Marine Microbiology Laboratory. Water column profiles of the various physical/chemical parameters were taken using a CTD. The CTD collected these physical/chemical data at a rate ≥ 4 scans per second. The data were then internally averaged using the CTD proprietary software, Seasoft, to create water column profiles equivalent to one reading per meter. Additionally, CTD profile data for each water sample depth are presented

with the bacteriological data.

Offshore Stations

Quarterly offshore water quality sampling is typically conducted over three days during February, May, August, and November for a total of 40 stations during each month (see station locations map). These offshore stations (I1–I40) are arranged in a grid surrounding the discharge site, and are generally located along the 9, 19, 28, 38, and 55-m depth contours. The seven offshore sites designated as kelp bed stations (described above) are included as part of the quarterly offshore water quality sampling, however the data from these seven stations are reported within the kelp bed station section of the report with the other days of kelp bed water quality sampling. Monitoring at all sites included measurements of various physical/chemical parameters, including water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, transmissivity, and chromomorphic dissolved organic matter (CDOM). Visual observations of weather and water conditions were also recorded at all stations. Seawater samples for the analysis of indicator bacteria were collected at 28 of the stations.

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

Bacteriological Reporting and Quality Assurance

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

Results of the bacteriological analysis of seawater samples collected from each of the shore, kelp bed, and offshore stations located within State waters are assessed relative to the water-contact standards specified in the 2019 California Ocean Plan (Ocean Plan). The six standards are defined as follows:

<u>Water-Contact Objectives</u>

Fecal coliform:

(1) The 30-day geometric mean (GM) of fecal coliform density not to exceed 200 CFU/100 mL, calculated based on the five most recent samples from each site
(2) The single sample maximum (SSM) not to exceed 400 CFU/100 mL

Enterococci:

(1) The six-week rolling GM of E*nterococci* not to exceed 30 CFU/100 mL, calculated weekly
(2) The statistical threshold value (STV) of 110 CFU/100 mL not to be exceeded by more than 10 percent of the samples collected in a calendar month, calculated in a static manner

<u>Shellfish Harvesting Standards</u>

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

Total coliform:
(1) The median total coliform density shall not exceed 70 CFU/100 mL
(2) The STV of 230 CFU/100 mL not to be exceeded by more than 10 percent of the samples collected in a calendar month, calculated in a static manner

Compliance with the seven Ocean Plan standards are summarized below for the stations located in USA waters. In contrast, no such compliance summaries are presented for the three shore stations located in Mexican waters south of the International Border (i.e., S0, S2, and S3) since this region is not subject to the Ocean Plan standards.

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 exactly 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[2]) 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

- **Shoreline Water Quality Sampling**
  - Due to site access restrictions in Mexico, the South Bay shoreline sampling is typically carried out on the same day each week (i.e., Tuesday) to coordinate sampling between the Mexican and USA based stations. Seawater samples at the three shore stations located south of the USA/Mexico border (i.e., stations S0, S2 and S3) are presently collected by the Comisión Internacional de Límites y Aguas (CILA) and transported to the USIBWC for subsequent delivery to the City's Marine Microbiology Lab, while samples from the eight stations located in USA waters are sampled by City staff.
  - During January**,** seven of the eight shore stations located north of the border were out of compliance with the 2019 California Ocean Plan (Ocean Plan) water contact standards on one or more days as follows:
    - The 30-day running geometric mean standard for fecal coliforms was exceeded at stations S4, S5, S10, and S11.
    - The single sample maximum (SSM) standard for fecal coliforms was exceeded at stations S4, S5, S6, S8, S10, S11, and S12.
    - The 6-week running geometric mean standard for enterococcus was exceeded at stations S4, S5, S6, S10, S11, and S12.
    - The statistical threshold value (STV) standard for *Enterococcus* was exceeded at stations S4, S5, S6, S8, S10, S11, and S12.

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

        - The 30-day running median standard for total coliforms was exceeded at stations S4, S5, S6, S10, S11, and S12.
        - The STV standard for total coliforms was exceeded at stations S4, S5, S6, S8, S10, S11, and S12.
    - A sewage-like odor was detected at SBOO shore stations S4, S5, S6, S9, S10, S11, and S12 on one or more days in January.
    - Historical analyses of Ocean Plan compliance rates for the South Bay outfall shore and kelp monitoring stations, combined with the results of satellite imagery data, suggest that outflows from the Tijuana River and Los Buenos Creek, as well as surface runoff during or after rain events (storms), are likely to be the cause of impacted water quality along the shore and in near shore recreational waters in the South Bay region. 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 Water Quality Sampling**
    - The seven kelp bed water quality stations (I19, I24, I25, I26, I32, I39, I40) were sampled on January 6, 12, 20, and 27.
    - During January, each of the seven kelp bed stations were out of compliance with one or more of the 2019 Ocean Plan water contact standards on one or more days as follows:
        - The 30-day running geometric mean standard for fecal coliforms was exceeded at stations I19 and I40.
        - The SSM standard for fecal coliforms was exceeded at I19, I24, I25, I26, I32, I39, and I40.
        - The 6-week running geometric mean standard for enterococcus was exceeded at stations I19, I24, I26, and I40.
        - The STV standard for *Enterococcus* was exceeded at stations I24, I25, I26, I32, and I40.
        - The 30-day running median standard for total coliforms was exceeded at stations I19, I24, I25, I26, I32, and I40.
        - The STV standard for total coliforms was exceeded at stations I19, I24, I25, I26, I32, I39, and I40.
    - Water column temperatures ranged from 14.13 to 17.31°C. The difference between surface and bottom waters ranged from 0.04 to 1.70°C.
    - Concentrations of chlorophyll *a* ranged from 0.32 to 4.33 µg/L at the kelp bed stations.
    - A sewage-like odor was detected at SBOO kelp stations I19 and I40 on one or more days in January.

- **Offshore Water Quality Sampling**
    - Quarterly sampling was not conducted during January at the offshore stations. The next quarterly sampling is scheduled for February 2026.

TABLES AND FIGURES

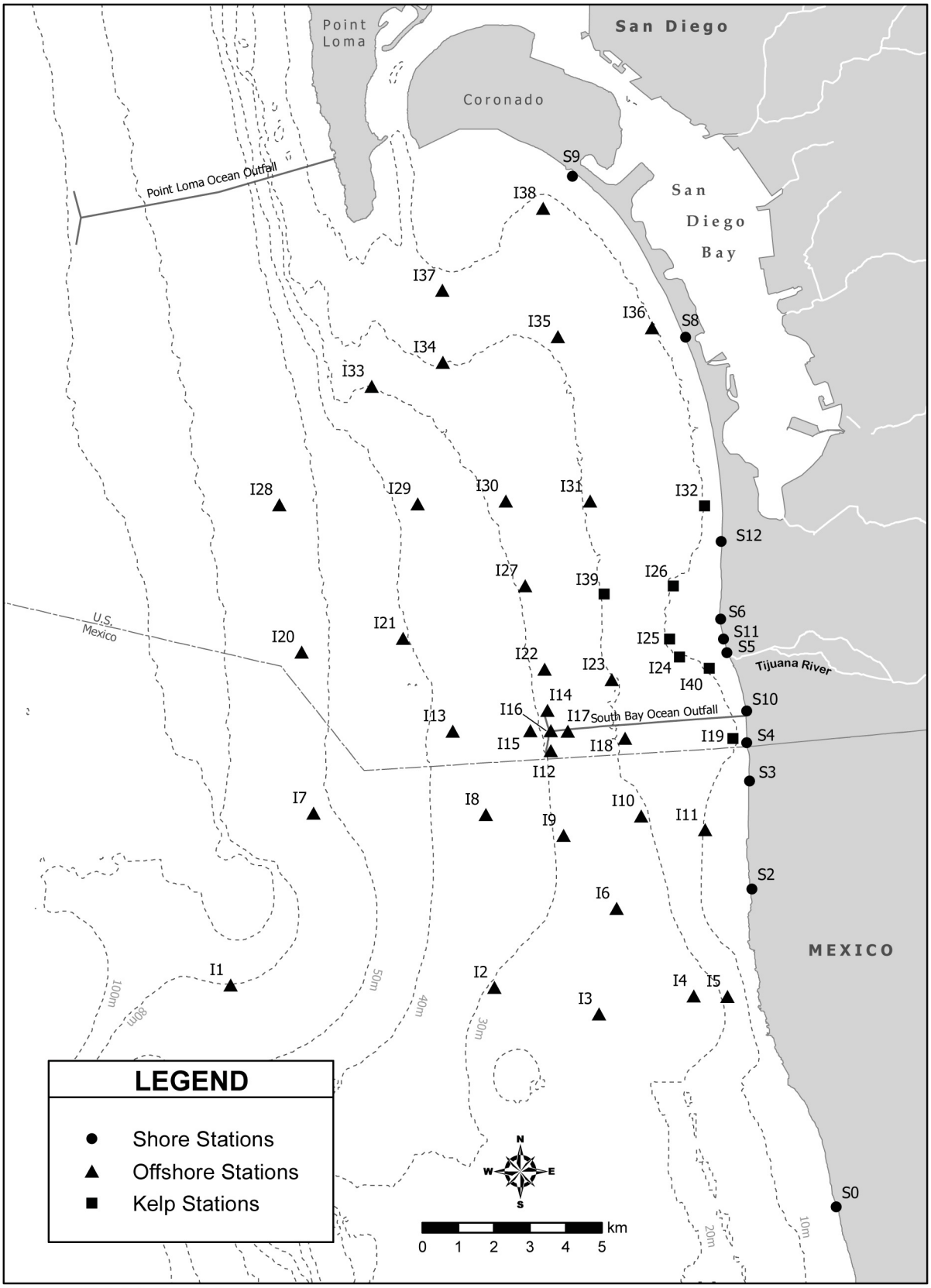

Figure 1.1 Station Map

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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 SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
01 Jan 2026	101	**9727**	26	2	4	**392**	146	10
02 Jan 2026	101	**9727**	26	2	4	**392**	146	10
03 Jan 2026	101	**9727**	26	2	4	**392**	146	10
04 Jan 2026	101	**9727**	26	2	4	**392**	146	10
05 Jan 2026	101	**9727**	26	2	4	**392**	146	10
06 Jan 2026	97	**8242**	49	6	5	**278**	**265**	20
07 Jan 2026	97	**8242**	49	6	5	**278**	**265**	20
08 Jan 2026	143	**7646**	93	7	7	**335**	**270**	25
09 Jan 2026	143	**7646**	93	7	7	**335**	**270**	25
10 Jan 2026	143	**7646**	93	7	7	**335**	**270**	25
11 Jan 2026	143	**7646**	93	7	7	**335**	**270**	25
12 Jan 2026	143	**7646**	93	7	7	**335**	**270**	25
13 Jan 2026	**279**	**6744**	79	5	6	**600**	195	23
14 Jan 2026	**658**	**6744**	89	5	6	**1168**	195	26
15 Jan 2026	**658**	**6744**	89	5	6	**1168**	195	26
16 Jan 2026	**2099**	**6010**	96	7	5	**3163**	184	11
17 Jan 2026	**2099**	**6010**	96	7	5	**3163**	184	11
18 Jan 2026	**2099**	**6010**	96	7	5	**3163**	184	11
19 Jan 2026	**2099**	**6010**	96	7	5	**3163**	184	11
20 Jan 2026	**658**	**3349**	61	5	4	**1402**	152	12
21 Jan 2026	**658**	**3349**	61	5	4	**1402**	152	12
22 Jan 2026	**610**	**3201**	21	7	4	**1137**	64	16
23 Jan 2026	**610**	**3201**	21	7	4	**1137**	64	16
24 Jan 2026	**610**	**3201**	21	7	4	**1137**	64	16
25 Jan 2026	**610**	**3201**	21	7	4	**1137**	64	16
26 Jan 2026	**610**	**3201**	21	7	4	**1137**	64	16
27 Jan 2026	**929**	**3989**	23	5	4	**1321**	86	12
28 Jan 2026	**588**	**3201**	33	7	4	**850**	114	16
29 Jan 2026	**588**	**3201**	33	7	4	**850**	114	16
30 Jan 2026	**588**	**3201**	33	7	4	**850**	114	16
31 Jan 2026	**588**	**3201**	33	7	4	**850**	114	16

* Geometric mean calculated using n<5

Table 2.2

Summary of compliance at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
06 Jan 2026	IC	**E**	**E**	**E**	IC	IC	**E**	**E**
13 Jan 2026	**E**	**E**	IC	IC	IC	**E**	IC	IC
14 Jan 2026	**E**	**E**	IC	IC	IC	**E**	IC	IC
20 Jan 2026	IC	IC	IC	IC	IC	IC	IC	IC
27 Jan 2026	**E**	**E**	IC	IC	IC	**E**	IC	IC

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

Table 2.3

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
01 Jan 2026	**71**	**5452**	**43**	2	4	**293**	**102**	13
02 Jan 2026	**71**	**5452**	**43**	2	4	**293**	**102**	13
03 Jan 2026	**71**	**5452**	**43**	2	4	**293**	**102**	13
04 Jan 2026	**71**	**5452**	**43**	2	4	**293**	**102**	13
05 Jan 2026	**71**	**5452**	**43**	2	4	**293**	**102**	13
06 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
07 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
08 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
09 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
10 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
11 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
12 Jan 2026	**100**	**5522**	**92**	5	5	**329**	**287**	**33**
13 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
14 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
15 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
16 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
17 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
18 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
19 Jan 2026	**170**	**3650**	**94**	5	4	**523**	**305**	29
20 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
21 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
22 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
23 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
24 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
25 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
26 Jan 2026	**139**	**2464**	**135**	5	4	**506**	**305**	**42**
27 Jan 2026	**162**	**3090**	**112**	5	3	**489**	**260**	**35**
28 Jan 2026	**300**	**2464**	**128**	5	3	**884**	**319**	23
29 Jan 2026	**300**	**2464**	**128**	5	3	**884**	**319**	23
30 Jan 2026	**300**	**2464**	**128**	5	3	**884**	**319**	23
31 Jan 2026	**300**	**2464**	**128**	5	3	**884**	**319**	23

* Geometric mean calculated using n<5

Table 2.4

Summary of compliance at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
January	**E**	**E**	**E**	**E**	IC	**E**	**E**	**E**

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

Table 2.5

Summary of compliance with the Ocean Plan's 30-day Median standard for total coliform bacteria at the SBOO 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	S4	S5	S6	S8	S9	S10	S11	S12
01 Jan 2026	***2100**	***16000**	***440**	*11	*19	***7910**	***1700**	*20
02 Jan 2026	***2100**	***16000**	***440**	*11	*19	***7910**	***1700**	*20
03 Jan 2026	***2100**	***16000**	***440**	*11	*19	***7910**	***1700**	*20
04 Jan 2026	***2100**	***16000**	***440**	*11	*19	***7910**	***1700**	*20
05 Jan 2026	***2100**	***16000**	***440**	*11	*19	***7910**	***1700**	*20
06 Jan 2026	**1400**	**16000**	**860**	20	20	**820**	**2000**	20
07 Jan 2026	**1400**	**16000**	**860**	20	20	**820**	**2000**	20
08 Jan 2026	***2700**	***16000**	***8430**	*20	*19	***7740**	***8700**	***3910**
09 Jan 2026	***2700**	***16000**	***8430**	*20	*19	***7740**	***8700**	***3910**
10 Jan 2026	***2700**	***16000**	***8430**	*20	*19	***7740**	***8700**	***3910**
11 Jan 2026	***2700**	***16000**	***8430**	*20	*19	***7740**	***8700**	***3910**
12 Jan 2026	***2700**	***16000**	***8430**	*20	*19	***7740**	***8700**	***3910**
13 Jan 2026	**4000**	**16000**	**860**	20	20	**15000**	**1400**	40
14 Jan 2026	**4000**	**16000**	**860**	20	20	**15000**	**1400**	40
15 Jan 2026	**4000**	**16000**	**860**	20	20	**15000**	**1400**	40
16 Jan 2026	***10000**	***16000**	***8090**	*12	*19	***15500**	***8120**	*30
17 Jan 2026	***10000**	***16000**	***8090**	*12	*19	***15500**	***8120**	*30
18 Jan 2026	***10000**	***16000**	***8090**	*12	*19	***15500**	***8120**	*30
19 Jan 2026	***10000**	***16000**	***8090**	*12	*19	***15500**	***8120**	*30
20 Jan 2026	**4000**	**16000**	**180**	4	18	**15000**	**580**	40
21 Jan 2026	**4000**	**16000**	**180**	4	18	**15000**	**580**	40
22 Jan 2026	***8700**	***16000**	***150**	*12	*15	***8240**	***410**	***130**
23 Jan 2026	***8700**	***16000**	***150**	*12	*15	***8240**	***410**	***130**
24 Jan 2026	***8700**	***16000**	***150**	*12	*15	***8240**	***410**	***130**
25 Jan 2026	***8700**	***16000**	***150**	*12	*15	***8240**	***410**	***130**
26 Jan 2026	***8700**	***16000**	***150**	*12	*15	***8240**	***410**	***130**
27 Jan 2026	**10000**	**16000**	**180**	4	20	**11000**	**580**	40
28 Jan 2026	***5700**	***16000**	***440**	*3	*20	***5740**	***890**	***130**
29 Jan 2026	***5700**	***16000**	***440**	*3	*20	***5740**	***890**	***130**
30 Jan 2026	***5700**	***16000**	***440**	*3	*20	***5740**	***890**	***130**
31 Jan 2026	***5700**	***16000**	***440**	*3	*20	***5740**	***890**	***130**

* Median calculated using n<5

Table 2.6

Summary of compliance at the SBOO 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 month.

Date	S4	S5	S6	S8	S9	S10	S11	S12
January	**E**	**E**	**E**	**E**	IC	**E**	**E**	**E**

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

Table 2.7

Summary of water quality parameters at the SBOO 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
S0	06 Jan 2026	1005	>16000	4000	4600
S0	13 Jan 2026	950	15000	2200e	1600e
S0	20 Jan 2026	850	6000	2200e	980
S0	27 Jan 2026	800	720	100e	98
S10	06 Jan 2026	1238	480	50	100e
S10	13 Jan 2026	1317	>16000	11000	3200e
S10	14 Jan 2026	1056		>12000	
S10	20 Jan 2026	1211	88	24e	82
S10	27 Jan 2026	1053	11000	2800e	400
S11	06 Jan 2026	1124	>16000	5200	1000
S11	13 Jan 2026	945	240e	38e	400
S11	14 Jan 2026	948		4e	
S11	20 Jan 2026	1113	580	60	110
S11	27 Jan 2026	918	1200	400	100
S12	06 Jan 2026	956	9600	660	560
S12	13 Jan 2026	858	40e	14e	44
S12	14 Jan 2026	846		4e	
S12	20 Jan 2026	952	220e	16e	110
S12	27 Jan 2026	822	40e	2e	12e
S2	06 Jan 2026	1058	1600e	160e	280e
S2	13 Jan 2026	1045	4600	660	160e
S2	20 Jan 2026	950	880	96	42
S2	27 Jan 2026	905	140e	110	32e
S3	06 Jan 2026	1135	600e	60e	100e
S3	13 Jan 2026	1020	14000	2600e	760
S3	20 Jan 2026	925	8e	2e	6e
S3	27 Jan 2026	835	240e	38e	24e
S4	06 Jan 2026	1252	1400e	80e	220e
S4	13 Jan 2026	1302	>16000	8000	2400e
S4	14 Jan 2026	1108		7200	
S4	20 Jan 2026	1241	6e	<2	6e
S4	27 Jan 2026	1119	10000	7600	400e
S5	06 Jan 2026	1100	>16000	3600e	540
S5	13 Jan 2026	1005	>16000	3600e	1000e
S5	14 Jan 2026	932		>12000	
S5	20 Jan 2026	1053	680	180e	360e
S5	27 Jan 2026	936	>16000	>12000	>12000
S6	06 Jan 2026	1133	>16000	1200e	600e
S6	13 Jan 2026	923	180e	36e	420
S6	14 Jan 2026	920		4e	
S6	20 Jan 2026	1124	120e	6e	36e
S6	27 Jan 2026	857	700	40e	36e
S8	06 Jan 2026	928	7000	760	340e
S8	13 Jan 2026	832	4e	<2	2e
S8	14 Jan 2026	826		<2	
S8	20 Jan 2026	933	2e	<2	4e

Station	Date	Time	Total	Fecal	Entero
S8	27 Jan 2026	756	<2	<2	<2
S9	06 Jan 2026	910	40e	40e	10e
S9	13 Jan 2026	809	<20	4e	6e
S9	14 Jan 2026	809		2e	
S9	20 Jan 2026	915	10e	2e	2e
S9	27 Jan 2026	733	<20	2e	<2

ns = not sampled
ND = no data

Table 2.8

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

Station	Date	Parameter	Value
S0	06 Jan 2026	Arrive Time	1005
S0	06 Jan 2026	Wind Speed (kts)	3.6
S0	06 Jan 2026	Wind Dir	E
S0	06 Jan 2026	Animal Life	Seal/Sea Lion-5;
S0	06 Jan 2026	Floatables	
S0	06 Jan 2026	Current Direction	S
S0	06 Jan 2026	Water Temp (C)	15
S0	06 Jan 2026	High Tide Time	1028
S0	06 Jan 2026	Low Tide Time	432
S0	06 Jan 2026	Comments	Water clear; Trash-0; 0.5 L/s water flowing from storm drain
S0	13 Jan 2026	Arrive Time	950
S0	13 Jan 2026	Wind Speed (kts)	1.1
S0	13 Jan 2026	Wind Dir	NE
S0	13 Jan 2026	Animal Life	Bird-10; Dog-1;
S0	13 Jan 2026	Floatables	
S0	13 Jan 2026	Current Direction	N
S0	13 Jan 2026	Water Temp (C)	13
S0	13 Jan 2026	High Tide Time	502
S0	13 Jan 2026	Low Tide Time	1256
S0	13 Jan 2026	Comments	Water clear; Trash-0; Algae;Kelp; Person/Walker/Jogger-5; 0.5 L/s water flowing from storm drain
S0	20 Jan 2026	Arrive Time	850
S0	20 Jan 2026	Wind Speed (kts)	0.9
S0	20 Jan 2026	Wind Dir	N
S0	20 Jan 2026	Animal Life	Bird-10; Dog-1;
S0	20 Jan 2026	Floatables	
S0	20 Jan 2026	Current Direction	N
S0	20 Jan 2026	Water Temp (C)	13
S0	20 Jan 2026	High Tide Time	915
S0	20 Jan 2026	Low Tide Time	316
S0	27 Jan 2026	Arrive Time	800
S0	27 Jan 2026	Wind Speed (kts)	1
S0	27 Jan 2026	Wind Dir	NE
S0	27 Jan 2026	Animal Life	Bird-10; Dog-2;
S0	27 Jan 2026	Floatables	
S0	27 Jan 2026	Current Direction	N
S0	27 Jan 2026	Water Temp (C)	13
S0	27 Jan 2026	High Tide Time	325
S0	27 Jan 2026	Low Tide Time	1131
S0	27 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-5; 0.5 L/s water flowing from storm drain
S2	06 Jan 2026	Arrive Time	1058
S2	06 Jan 2026	Wind Speed (kts)	2.8
S2	06 Jan 2026	Wind Dir	E
S2	06 Jan 2026	Animal Life	Seal/Sea Lion-15;
S2	06 Jan 2026	Floatables	
S2	06 Jan 2026	Current Direction	S
S2	06 Jan 2026	Water Temp (C)	16
S2	06 Jan 2026	High Tide Time	1028
S2	06 Jan 2026	Low Tide Time	432
S2	06 Jan 2026	Comments	Water clear; Trash-0; Person/Walker/Jogger-5; No flow from storm drain

Station	Date	Parameter	Value
S2	13 Jan 2026	Arrive Time	1045
S2	13 Jan 2026	Wind Speed (kts)	1
S2	13 Jan 2026	Wind Dir	NE
S2	13 Jan 2026	Animal Life	Bird-10; Dog-3;
S2	13 Jan 2026	Floatables	
S2	13 Jan 2026	Current Direction	N
S2	13 Jan 2026	Water Temp (C)	13
S2	13 Jan 2026	High Tide Time	502
S2	13 Jan 2026	Low Tide Time	1256
S2	13 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-10; No flow from storm drain
S2	20 Jan 2026	Arrive Time	950
S2	20 Jan 2026	Wind Speed (kts)	1
S2	20 Jan 2026	Wind Dir	N
S2	20 Jan 2026	Animal Life	Bird-10; Dog-2;
S2	20 Jan 2026	Floatables	
S2	20 Jan 2026	Current Direction	N
S2	20 Jan 2026	Water Temp (C)	13
S2	20 Jan 2026	High Tide Time	915
S2	20 Jan 2026	Low Tide Time	316
S2	20 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-10; No flow from storm drain
S2	27 Jan 2026	Arrive Time	905
S2	27 Jan 2026	Wind Speed (kts)	1.1
S2	27 Jan 2026	Wind Dir	NE
S2	27 Jan 2026	Animal Life	Bird-10; Dog-2;
S2	27 Jan 2026	Floatables	
S2	27 Jan 2026	Current Direction	N
S2	27 Jan 2026	Water Temp (C)	13
S2	27 Jan 2026	High Tide Time	325
S2	27 Jan 2026	Low Tide Time	1131
S2	27 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-10; No flow from storm drain
S3	06 Jan 2026	Arrive Time	1135
S3	06 Jan 2026	Wind Speed (kts)	1.6
S3	06 Jan 2026	Wind Dir	E
S3	06 Jan 2026	Animal Life	
S3	06 Jan 2026	Floatables	
S3	06 Jan 2026	Current Direction	S
S3	06 Jan 2026	Water Temp (C)	16
S3	06 Jan 2026	High Tide Time	1028
S3	06 Jan 2026	Low Tide Time	432
S3	06 Jan 2026	Comments	Water clear; Trash-0; Person/Walker/Jogger-5; No flow from storm drain
S3	13 Jan 2026	Arrive Time	1020
S3	13 Jan 2026	Wind Speed (kts)	1.2
S3	13 Jan 2026	Wind Dir	NE
S3	13 Jan 2026	Animal Life	Bird-10; Dog-4;
S3	13 Jan 2026	Floatables	
S3	13 Jan 2026	Current Direction	N
S3	13 Jan 2026	Water Temp (C)	13
S3	13 Jan 2026	High Tide Time	502
S3	13 Jan 2026	Low Tide Time	1256
S3	13 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-10; No flow from storm drain

Station	Date	Parameter	Value
S3	20 Jan 2026	Arrive Time	925
S3	20 Jan 2026	Wind Speed (kts)	1
S3	20 Jan 2026	Wind Dir	N
S3	20 Jan 2026	Animal Life	Bird-10; Dog-3;
S3	20 Jan 2026	Floatables	
S3	20 Jan 2026	Current Direction	N
S3	20 Jan 2026	Water Temp (C)	13
S3	20 Jan 2026	High Tide Time	915
S3	20 Jan 2026	Low Tide Time	316
S3	20 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-10; No flow from storm drain
S3	27 Jan 2026	Arrive Time	835
S3	27 Jan 2026	Wind Speed (kts)	0.9
S3	27 Jan 2026	Wind Dir	NE
S3	27 Jan 2026	Animal Life	Bird-10; Dog-4;
S3	27 Jan 2026	Floatables	
S3	27 Jan 2026	Current Direction	N
S3	27 Jan 2026	Water Temp (C)	13
S3	27 Jan 2026	High Tide Time	325
S3	27 Jan 2026	Low Tide Time	1131
S3	27 Jan 2026	Comments	Water clear; Trash-0; Kelp;Algae; Person/Walker/Jogger-10; No flow from storm drain
S4	06 Jan 2026	Arrive Time	1252
S4	06 Jan 2026	Wind Speed (kts)	3.1
S4	06 Jan 2026	Wind Dir	SW
S4	06 Jan 2026	Animal Life	
S4	06 Jan 2026	Floatables	
S4	06 Jan 2026	Current Direction	S
S4	06 Jan 2026	Water Temp (C)	15.6
S4	06 Jan 2026	High Tide Time	1028
S4	06 Jan 2026	Low Tide Time	432
S4	06 Jan 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Debris; Sewage-like odor
S4	13 Jan 2026	Arrive Time	1302
S4	13 Jan 2026	Wind Speed (kts)	1.5
S4	13 Jan 2026	Wind Dir	NW
S4	13 Jan 2026	Animal Life	
S4	13 Jan 2026	Floatables	
S4	13 Jan 2026	Current Direction	S
S4	13 Jan 2026	Water Temp (C)	14.8
S4	13 Jan 2026	High Tide Time	502
S4	13 Jan 2026	Low Tide Time	1256
S4	13 Jan 2026	Comments	Water clear; Trash-5; Kelp;Seagrass
S4	14 Jan 2026	Arrive Time	1108
S4	14 Jan 2026	Wind Speed (kts)	5.8
S4	14 Jan 2026	Wind Dir	W
S4	14 Jan 2026	Animal Life	
S4	14 Jan 2026	Floatables	
S4	14 Jan 2026	Current Direction	S
S4	14 Jan 2026	Water Temp (C)	10.5
S4	14 Jan 2026	High Tide Time	546
S4	14 Jan 2026	Low Tide Time	1331
S4	14 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Kelp
S4	20 Jan 2026	Arrive Time	1241
S4	20 Jan 2026	Wind Speed (kts)	6.9
S4	20 Jan 2026	Wind Dir	S

Station	Date	Parameter	Value
S4	20 Jan 2026	Animal Life	
S4	20 Jan 2026	Floatables	
S4	20 Jan 2026	Current Direction	S
S4	20 Jan 2026	Water Temp (C)	15.1
S4	20 Jan 2026	High Tide Time	915
S4	20 Jan 2026	Low Tide Time	316
S4	20 Jan 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Algae;Debris
S4	27 Jan 2026	Arrive Time	1119
S4	27 Jan 2026	Wind Speed (kts)	1.9
S4	27 Jan 2026	Wind Dir	E
S4	27 Jan 2026	Animal Life	
S4	27 Jan 2026	Floatables	
S4	27 Jan 2026	Current Direction	S
S4	27 Jan 2026	Water Temp (C)	11.9
S4	27 Jan 2026	High Tide Time	325
S4	27 Jan 2026	Low Tide Time	1131
S4	27 Jan 2026	Comments	Water clear; Trash-4; Seagrass;Kelp; Sewage-like odor
S10	06 Jan 2026	Arrive Time	1238
S10	06 Jan 2026	Wind Speed (kts)	0
S10	06 Jan 2026	Wind Dir	XX
S10	06 Jan 2026	Animal Life	
S10	06 Jan 2026	Floatables	
S10	06 Jan 2026	Current Direction	S
S10	06 Jan 2026	Water Temp (C)	16.7
S10	06 Jan 2026	High Tide Time	1028
S10	06 Jan 2026	Low Tide Time	432
S10	06 Jan 2026	Comments	Water clear; Trash-5; Kelp;Seagrass;Debris;Algae; Sewage-like odor
S10	13 Jan 2026	Arrive Time	1317
S10	13 Jan 2026	Wind Speed (kts)	4.8
S10	13 Jan 2026	Wind Dir	N
S10	13 Jan 2026	Animal Life	
S10	13 Jan 2026	Floatables	
S10	13 Jan 2026	Current Direction	S
S10	13 Jan 2026	Water Temp (C)	16.2
S10	13 Jan 2026	High Tide Time	502
S10	13 Jan 2026	Low Tide Time	1256
S10	13 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Kelp; Sewage-like odor
S10	14 Jan 2026	Arrive Time	1056
S10	14 Jan 2026	Wind Speed (kts)	5.3
S10	14 Jan 2026	Wind Dir	NW
S10	14 Jan 2026	Animal Life	
S10	14 Jan 2026	Floatables	
S10	14 Jan 2026	Current Direction	S
S10	14 Jan 2026	Water Temp (C)	11.5
S10	14 Jan 2026	High Tide Time	546
S10	14 Jan 2026	Low Tide Time	1331
S10	14 Jan 2026	Comments	Water clear; Trash-5; Kelp;Seagrass
S10	20 Jan 2026	Arrive Time	1211
S10	20 Jan 2026	Wind Speed (kts)	5
S10	20 Jan 2026	Wind Dir	S
S10	20 Jan 2026	Animal Life	
S10	20 Jan 2026	Floatables	
S10	20 Jan 2026	Current Direction	S
S10	20 Jan 2026	Water Temp (C)	15.9
S10	20 Jan 2026	High Tide Time	915

Station	Date	Parameter	Value
S10	20 Jan 2026	Low Tide Time	316
S10	20 Jan 2026	Comments	Water clear; Trash-5; Kelp;Debris;Seagrass
S10	27 Jan 2026	Arrive Time	1053
S10	27 Jan 2026	Wind Speed (kts)	3.4
S10	27 Jan 2026	Wind Dir	SE
S10	27 Jan 2026	Animal Life	
S10	27 Jan 2026	Floatables	
S10	27 Jan 2026	Current Direction	S
S10	27 Jan 2026	Water Temp (C)	11.2
S10	27 Jan 2026	High Tide Time	325
S10	27 Jan 2026	Low Tide Time	1131
S10	27 Jan 2026	Comments	Water clear; Trash-3
S5	06 Jan 2026	Arrive Time	1100
S5	06 Jan 2026	Wind Speed (kts)	2.5
S5	06 Jan 2026	Wind Dir	NW
S5	06 Jan 2026	Animal Life	
S5	06 Jan 2026	Floatables	
S5	06 Jan 2026	Current Direction	S
S5	06 Jan 2026	Water Temp (C)	16
S5	06 Jan 2026	High Tide Time	1028
S5	06 Jan 2026	Low Tide Time	432
S5	06 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Debris
S5	13 Jan 2026	Arrive Time	1005
S5	13 Jan 2026	Wind Speed (kts)	2.1
S5	13 Jan 2026	Wind Dir	W
S5	13 Jan 2026	Animal Life	Bird-1;
S5	13 Jan 2026	Floatables	
S5	13 Jan 2026	Current Direction	S
S5	13 Jan 2026	Water Temp (C)	12.7
S5	13 Jan 2026	High Tide Time	502
S5	13 Jan 2026	Low Tide Time	1256
S5	13 Jan 2026	Comments	Water clear; Trash-1; Sewage-like odor
S5	14 Jan 2026	Arrive Time	932
S5	14 Jan 2026	Wind Speed (kts)	8
S5	14 Jan 2026	Wind Dir	W
S5	14 Jan 2026	Animal Life	
S5	14 Jan 2026	Floatables	
S5	14 Jan 2026	Current Direction	S
S5	14 Jan 2026	Water Temp (C)	12.4
S5	14 Jan 2026	High Tide Time	546
S5	14 Jan 2026	Low Tide Time	1331
S5	14 Jan 2026	Comments	Water clear; Trash-3; Seagrass
S5	20 Jan 2026	Arrive Time	1053
S5	20 Jan 2026	Wind Speed (kts)	6.9
S5	20 Jan 2026	Wind Dir	S
S5	20 Jan 2026	Animal Life	
S5	20 Jan 2026	Floatables	
S5	20 Jan 2026	Current Direction	S
S5	20 Jan 2026	Water Temp (C)	14.9
S5	20 Jan 2026	High Tide Time	915
S5	20 Jan 2026	Low Tide Time	316
S5	20 Jan 2026	Comments	Water clear; Trash-4; Debris; Sewage-like odor
S5	27 Jan 2026	Arrive Time	936
S5	27 Jan 2026	Wind Speed (kts)	3.6
S5	27 Jan 2026	Wind Dir	NE

Station	Date	Parameter	Value
S5	27 Jan 2026	Animal Life	
S5	27 Jan 2026	Floatables	
S5	27 Jan 2026	Current Direction	S
S5	27 Jan 2026	Water Temp (C)	13.6
S5	27 Jan 2026	High Tide Time	325
S5	27 Jan 2026	Low Tide Time	1131
S5	27 Jan 2026	Comments	Water clear; Trash-1; Sewage-like odor
S11	06 Jan 2026	Arrive Time	1124
S11	06 Jan 2026	Wind Speed (kts)	3.6
S11	06 Jan 2026	Wind Dir	NE
S11	06 Jan 2026	Animal Life	
S11	06 Jan 2026	Floatables	
S11	06 Jan 2026	Current Direction	S
S11	06 Jan 2026	Water Temp (C)	16.1
S11	06 Jan 2026	High Tide Time	1028
S11	06 Jan 2026	Low Tide Time	432
S11	06 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Debris
S11	13 Jan 2026	Arrive Time	945
S11	13 Jan 2026	Wind Speed (kts)	1.7
S11	13 Jan 2026	Wind Dir	W
S11	13 Jan 2026	Animal Life	
S11	13 Jan 2026	Floatables	
S11	13 Jan 2026	Current Direction	S
S11	13 Jan 2026	Water Temp (C)	13
S11	13 Jan 2026	High Tide Time	502
S11	13 Jan 2026	Low Tide Time	1256
S11	13 Jan 2026	Comments	Water clear; Trash-2; Algae;Seagrass
S11	14 Jan 2026	Arrive Time	948
S11	14 Jan 2026	Wind Speed (kts)	3.8
S11	14 Jan 2026	Wind Dir	N
S11	14 Jan 2026	Animal Life	
S11	14 Jan 2026	Floatables	
S11	14 Jan 2026	Current Direction	S
S11	14 Jan 2026	Water Temp (C)	12.9
S11	14 Jan 2026	High Tide Time	546
S11	14 Jan 2026	Low Tide Time	1331
S11	14 Jan 2026	Comments	Water clear; Trash-3; Seagrass
S11	20 Jan 2026	Arrive Time	1113
S11	20 Jan 2026	Wind Speed (kts)	5.2
S11	20 Jan 2026	Wind Dir	S
S11	20 Jan 2026	Animal Life	
S11	20 Jan 2026	Floatables	
S11	20 Jan 2026	Current Direction	S
S11	20 Jan 2026	Water Temp (C)	15.4
S11	20 Jan 2026	High Tide Time	915
S11	20 Jan 2026	Low Tide Time	316
S11	20 Jan 2026	Comments	Water clear; Trash-2; Kelp;Seagrass;Debris; Sewage-like odor
S11	27 Jan 2026	Arrive Time	918
S11	27 Jan 2026	Wind Speed (kts)	6
S11	27 Jan 2026	Wind Dir	W
S11	27 Jan 2026	Animal Life	
S11	27 Jan 2026	Floatables	
S11	27 Jan 2026	Current Direction	S
S11	27 Jan 2026	Water Temp (C)	9.6
S11	27 Jan 2026	High Tide Time	325

Station	Date	Parameter	Value
S11	27 Jan 2026	Low Tide Time	1131
S11	27 Jan 2026	Comments	Water clear; Trash-1
S6	06 Jan 2026	Arrive Time	1133
S6	06 Jan 2026	Wind Speed (kts)	1.9
S6	06 Jan 2026	Wind Dir	NE
S6	06 Jan 2026	Animal Life	
S6	06 Jan 2026	Floatables	
S6	06 Jan 2026	Current Direction	S
S6	06 Jan 2026	Water Temp (C)	15.6
S6	06 Jan 2026	High Tide Time	1028
S6	06 Jan 2026	Low Tide Time	432
S6	06 Jan 2026	Comments	Water clear; Trash-4; Seagrass;Algae;Debris
S6	13 Jan 2026	Arrive Time	923
S6	13 Jan 2026	Wind Speed (kts)	1.1
S6	13 Jan 2026	Wind Dir	W
S6	13 Jan 2026	Animal Life	Bird-25;
S6	13 Jan 2026	Floatables	
S6	13 Jan 2026	Current Direction	S
S6	13 Jan 2026	Water Temp (C)	13.9
S6	13 Jan 2026	High Tide Time	502
S6	13 Jan 2026	Low Tide Time	1256
S6	13 Jan 2026	Comments	Water clear; Trash-2; Algae;Seagrass
S6	14 Jan 2026	Arrive Time	920
S6	14 Jan 2026	Wind Speed (kts)	0
S6	14 Jan 2026	Wind Dir	XX
S6	14 Jan 2026	Animal Life	
S6	14 Jan 2026	Floatables	
S6	14 Jan 2026	Current Direction	S
S6	14 Jan 2026	Water Temp (C)	14.2
S6	14 Jan 2026	High Tide Time	546
S6	14 Jan 2026	Low Tide Time	1331
S6	14 Jan 2026	Comments	Water clear; Surfer/Paddle boarder-7; Trash-1; Algae;Seagrass; Person/Walker/Jogger-3
S6	20 Jan 2026	Arrive Time	1124
S6	20 Jan 2026	Wind Speed (kts)	5.4
S6	20 Jan 2026	Wind Dir	S
S6	20 Jan 2026	Animal Life	
S6	20 Jan 2026	Floatables	
S6	20 Jan 2026	Current Direction	S
S6	20 Jan 2026	Water Temp (C)	14.9
S6	20 Jan 2026	High Tide Time	915
S6	20 Jan 2026	Low Tide Time	316
S6	20 Jan 2026	Comments	Water clear; Trash-4; Seagrass;Debris; Sewage-like odor
S6	27 Jan 2026	Arrive Time	857
S6	27 Jan 2026	Wind Speed (kts)	3.6
S6	27 Jan 2026	Wind Dir	W
S6	27 Jan 2026	Animal Life	Dog-1;
S6	27 Jan 2026	Floatables	
S6	27 Jan 2026	Current Direction	S
S6	27 Jan 2026	Water Temp (C)	11.2
S6	27 Jan 2026	High Tide Time	325
S6	27 Jan 2026	Low Tide Time	1131
S6	27 Jan 2026	Comments	Water clear; Trash-1; Person/Walker/Jogger-4
S12	06 Jan 2026	Arrive Time	956
S12	06 Jan 2026	Wind Speed (kts)	3.3

Station	Date	Parameter	Value
S12	06 Jan 2026	Wind Dir	N
S12	06 Jan 2026	Animal Life	
S12	06 Jan 2026	Floatables	
S12	06 Jan 2026	Current Direction	S
S12	06 Jan 2026	Water Temp (C)	15.9
S12	06 Jan 2026	High Tide Time	1028
S12	06 Jan 2026	Low Tide Time	432
S12	06 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Debris; Person/Walker/Jogger-1; Sewage-like odor
S12	13 Jan 2026	Arrive Time	858
S12	13 Jan 2026	Wind Speed (kts)	3.3
S12	13 Jan 2026	Wind Dir	N
S12	13 Jan 2026	Animal Life	
S12	13 Jan 2026	Floatables	
S12	13 Jan 2026	Current Direction	S
S12	13 Jan 2026	Water Temp (C)	14.8
S12	13 Jan 2026	High Tide Time	502
S12	13 Jan 2026	Low Tide Time	1256
S12	13 Jan 2026	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-2
S12	14 Jan 2026	Arrive Time	846
S12	14 Jan 2026	Wind Speed (kts)	1.5
S12	14 Jan 2026	Wind Dir	N
S12	14 Jan 2026	Animal Life	Dog-1;
S12	14 Jan 2026	Floatables	
S12	14 Jan 2026	Current Direction	S
S12	14 Jan 2026	Water Temp (C)	11
S12	14 Jan 2026	High Tide Time	546
S12	14 Jan 2026	Low Tide Time	1331
S12	14 Jan 2026	Comments	Water clear; Trash-1; Seagrass; Person/Walker/Jogger-2
S12	20 Jan 2026	Arrive Time	952
S12	20 Jan 2026	Wind Speed (kts)	3.4
S12	20 Jan 2026	Wind Dir	S
S12	20 Jan 2026	Animal Life	
S12	20 Jan 2026	Floatables	
S12	20 Jan 2026	Current Direction	S
S12	20 Jan 2026	Water Temp (C)	14.8
S12	20 Jan 2026	High Tide Time	915
S12	20 Jan 2026	Low Tide Time	316
S12	20 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Debris;Kelp; Sewage-like odor
S12	27 Jan 2026	Arrive Time	822
S12	27 Jan 2026	Wind Speed (kts)	3.3
S12	27 Jan 2026	Wind Dir	W
S12	27 Jan 2026	Animal Life	
S12	27 Jan 2026	Floatables	
S12	27 Jan 2026	Current Direction	S
S12	27 Jan 2026	Water Temp (C)	11
S12	27 Jan 2026	High Tide Time	325
S12	27 Jan 2026	Low Tide Time	1131
S12	27 Jan 2026	Comments	Water clear; Trash-1; Person/Walker/Jogger-1
S8	06 Jan 2026	Arrive Time	928
S8	06 Jan 2026	Wind Speed (kts)	1.9
S8	06 Jan 2026	Wind Dir	NE
S8	06 Jan 2026	Animal Life	
S8	06 Jan 2026	Floatables	

Station	Date	Parameter	Value
S8	06 Jan 2026	Current Direction	S
S8	06 Jan 2026	Water Temp (C)	15.6
S8	06 Jan 2026	High Tide Time	1028
S8	06 Jan 2026	Low Tide Time	432
S8	06 Jan 2026	Comments	Water clear; Trash-5; Algae;Seagrass;Debris
S8	13 Jan 2026	Arrive Time	832
S8	13 Jan 2026	Wind Speed (kts)	3.1
S8	13 Jan 2026	Wind Dir	W
S8	13 Jan 2026	Animal Life	
S8	13 Jan 2026	Floatables	
S8	13 Jan 2026	Current Direction	S
S8	13 Jan 2026	Water Temp (C)	11.5
S8	13 Jan 2026	High Tide Time	502
S8	13 Jan 2026	Low Tide Time	1256
S8	13 Jan 2026	Comments	Water clear; Trash-1
S8	14 Jan 2026	Arrive Time	826
S8	14 Jan 2026	Wind Speed (kts)	2.5
S8	14 Jan 2026	Wind Dir	E
S8	14 Jan 2026	Animal Life	
S8	14 Jan 2026	Floatables	
S8	14 Jan 2026	Current Direction	S
S8	14 Jan 2026	Water Temp (C)	10.5
S8	14 Jan 2026	High Tide Time	546
S8	14 Jan 2026	Low Tide Time	1331
S8	14 Jan 2026	Comments	Water clear; Trash-1; Kelp;Seagrass
S8	20 Jan 2026	Arrive Time	933
S8	20 Jan 2026	Wind Speed (kts)	1.3
S8	20 Jan 2026	Wind Dir	SW
S8	20 Jan 2026	Animal Life	
S8	20 Jan 2026	Floatables	
S8	20 Jan 2026	Current Direction	S
S8	20 Jan 2026	Water Temp (C)	12
S8	20 Jan 2026	High Tide Time	915
S8	20 Jan 2026	Low Tide Time	316
S8	20 Jan 2026	Comments	Water clear; Trash-4; Kelp;Debris
S8	27 Jan 2026	Arrive Time	756
S8	27 Jan 2026	Wind Speed (kts)	3.3
S8	27 Jan 2026	Wind Dir	W
S8	27 Jan 2026	Animal Life	
S8	27 Jan 2026	Floatables	
S8	27 Jan 2026	Current Direction	S
S8	27 Jan 2026	Water Temp (C)	10.5
S8	27 Jan 2026	High Tide Time	325
S8	27 Jan 2026	Low Tide Time	1131
S8	27 Jan 2026	Comments	Water clear; Trash-1; Person/Walker/Jogger-1
S9	06 Jan 2026	Arrive Time	910
S9	06 Jan 2026	Wind Speed (kts)	2.5
S9	06 Jan 2026	Wind Dir	NE
S9	06 Jan 2026	Animal Life	
S9	06 Jan 2026	Floatables	
S9	06 Jan 2026	Current Direction	S
S9	06 Jan 2026	Water Temp (C)	15.6
S9	06 Jan 2026	High Tide Time	1028
S9	06 Jan 2026	Low Tide Time	432
S9	06 Jan 2026	Comments	Water clear; Trash-5; Seagrass;Debris;Kelp; Sewage-like odor

Station	Date	Parameter	Value
S9	13 Jan 2026	Arrive Time	809
S9	13 Jan 2026	Wind Speed (kts)	0.7
S9	13 Jan 2026	Wind Dir	N
S9	13 Jan 2026	Animal Life	Seagull-3;
S9	13 Jan 2026	Floatables	
S9	13 Jan 2026	Current Direction	S
S9	13 Jan 2026	Water Temp (C)	12
S9	13 Jan 2026	High Tide Time	502
S9	13 Jan 2026	Low Tide Time	1256
S9	13 Jan 2026	Comments	Water clear; Trash-1; Kelp
S9	14 Jan 2026	Arrive Time	809
S9	14 Jan 2026	Wind Speed (kts)	0
S9	14 Jan 2026	Wind Dir	XX
S9	14 Jan 2026	Animal Life	
S9	14 Jan 2026	Floatables	
S9	14 Jan 2026	Current Direction	NW
S9	14 Jan 2026	Water Temp (C)	12.9
S9	14 Jan 2026	High Tide Time	546
S9	14 Jan 2026	Low Tide Time	1331
S9	14 Jan 2026	Comments	Water clear; Trash-1; Kelp;Seagrass; Person/Walker/Jogger-4
S9	20 Jan 2026	Arrive Time	915
S9	20 Jan 2026	Wind Speed (kts)	1.5
S9	20 Jan 2026	Wind Dir	SW
S9	20 Jan 2026	Animal Life	
S9	20 Jan 2026	Floatables	
S9	20 Jan 2026	Current Direction	S
S9	20 Jan 2026	Water Temp (C)	11.8
S9	20 Jan 2026	High Tide Time	915
S9	20 Jan 2026	Low Tide Time	316
S9	20 Jan 2026	Comments	Water clear; Trash-3; Debris
S9	27 Jan 2026	Arrive Time	733
S9	27 Jan 2026	Wind Speed (kts)	1.3
S9	27 Jan 2026	Wind Dir	N
S9	27 Jan 2026	Animal Life	Bird-11;
S9	27 Jan 2026	Floatables	
S9	27 Jan 2026	Current Direction	S
S9	27 Jan 2026	Water Temp (C)	9.7
S9	27 Jan 2026	High Tide Time	325
S9	27 Jan 2026	Low Tide Time	1131
S9	27 Jan 2026	Comments	Water clear; Trash-1

Kelp Stations

Table 3.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for fecal coliform bacteria at the SBOO 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	I19	I24	I25	I26	I32	I39	I40
01 Jan 2026	*159	*50	*13	*11	*6	*2	***1627**
02 Jan 2026	*159	*50	*13	*11	*6	*2	***1627**
03 Jan 2026	*159	*50	*13	*11	*6	*2	***1627**
04 Jan 2026	*159	*50	*13	*11	*6	*2	***1627**
05 Jan 2026	*159	*50	*13	*11	*6	*2	***1627**
06 Jan 2026	142	116	26	21	14	9	**1986**
07 Jan 2026	*171	*100	*15	*20	*8	*13	***3589**
08 Jan 2026	*171	*100	*15	*20	*8	*13	***3589**
09 Jan 2026	*171	*100	*15	*20	*8	*13	***3589**
10 Jan 2026	*171	*100	*15	*20	*8	*13	***3589**
11 Jan 2026	*171	*100	*15	*20	*8	*13	***3589**
12 Jan 2026	**207**	53	10	13	6	9	**2814**
13 Jan 2026	**207**	53	10	13	6	9	**2814**
14 Jan 2026	***448**	*96	*15	*20	*8	*13	***3383**
15 Jan 2026	***448**	*96	*15	*20	*8	*13	***3383**
16 Jan 2026	***448**	*96	*15	*20	*8	*13	***3383**
17 Jan 2026	***448**	*96	*15	*20	*8	*13	***3383**
18 Jan 2026	***448**	*96	*15	*20	*8	*13	***3383**
19 Jan 2026	***448**	*96	*15	*20	*8	*13	***3383**
20 Jan 2026	**224**	92	16	40	18	10	**2314**
21 Jan 2026	**224**	92	16	40	18	10	**2314**
22 Jan 2026	***203**	*52	*15	*29	*32	*14	***2309**
23 Jan 2026	***203**	*52	*15	*29	*32	*14	***2309**
24 Jan 2026	***203**	*52	*15	*29	*32	*14	***2309**
25 Jan 2026	***203**	*52	*15	*29	*32	*14	***2309**
26 Jan 2026	***203**	*52	*15	*29	*32	*14	***2309**
27 Jan 2026	**204**	73	29	17	18	10	**2263**
28 Jan 2026	*104	*130	*53	*29	*28	*14	***1491**
29 Jan 2026	*104	*130	*53	*29	*28	*14	***1491**
30 Jan 2026	*104	*130	*53	*29	*28	*14	***1491**
31 Jan 2026	*104	*130	*53	*29	*28	*14	***1491**

* Geometric mean calculated using n<5

Table 3.2

Summary of compliance at the SBOO 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	I19	I24	I25	I26	I32	I39	I40
06 Jan 2026	IC	**E**	**E**	**E**	**E**	**E**	**E**
12 Jan 2026	**E**	IC	IC	IC	IC	IC	**E**
20 Jan 2026	IC	IC	IC	**E**	**E**	IC	**E**
27 Jan 2026	**E**	**E**	**E**	IC	IC	IC	**E**

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

Table 3.3

Summary of compliance with the Ocean Plan's 6-week Geometric Mean standard for *Enterococcus* at the SBOO 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	I19	I24	I25	I26	I32	I39	I40
01 Jan 2026	**77**	22	10	11	8	4	**526**
02 Jan 2026	**77**	22	10	11	8	4	**526**
03 Jan 2026	**77**	22	10	11	8	4	**526**
04 Jan 2026	**77**	22	10	11	8	4	**526**
05 Jan 2026	**77**	22	10	11	8	4	**526**
06 Jan 2026	**72**	**56**	23	24	16	10	**749**
07 Jan 2026	**72**	**56**	23	24	16	10	**749**
08 Jan 2026	**72**	**56**	23	24	16	10	**749**
09 Jan 2026	**72**	**56**	23	24	16	10	**749**
10 Jan 2026	**72**	**56**	23	24	16	10	**749**
11 Jan 2026	**72**	**56**	23	24	16	10	**749**
12 Jan 2026	**83**	**40**	17	17	14	8	**616**
13 Jan 2026	**92**	29	12	12	15	5	**459**
14 Jan 2026	**92**	29	12	12	15	5	**459**
15 Jan 2026	**92**	29	12	12	15	5	**459**
16 Jan 2026	**92**	29	12	12	15	5	**459**
17 Jan 2026	**92**	29	12	12	15	5	**459**
18 Jan 2026	**92**	29	12	12	15	5	**459**
19 Jan 2026	**136**	28	9	11	9	6	**682**
20 Jan 2026	**81**	**37**	11	21	15	6	**664**
21 Jan 2026	**81**	**37**	11	21	15	6	**664**
22 Jan 2026	**81**	**37**	11	21	15	6	**664**
23 Jan 2026	**81**	**37**	11	21	15	6	**664**
24 Jan 2026	**81**	**37**	11	21	15	6	**664**
25 Jan 2026	**81**	**37**	11	21	15	6	**664**
26 Jan 2026	**116**	**65**	15	**34**	16	8	**624**
27 Jan 2026	**100**	**74**	19	21	12	6	**561**
28 Jan 2026	**100**	**74**	19	21	12	6	**561**
29 Jan 2026	**100**	**74**	19	21	12	6	**561**
30 Jan 2026	**100**	**74**	19	21	12	6	**561**
31 Jan 2026	**100**	**74**	19	21	12	6	**561**

* Geometric mean calculated using n<5

Table 3.4

Summary of compliance at the SBOO 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	I19	I24	I25	I26	I32	I39	I40
January	IC	**E**	**E**	**E**	**E**	IC	**E**

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

Table 3.5

Summary of compliance with the Ocean Plan's 30-day Median standard for total coliform bacteria at the SBOO 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.

	I19			I24			I25			I26			I32			I39			I40		
Date	2m	6m	11m	2m	6m	11m	2m	6m	9m	2m	6m	9m	2m	6m	9m	2m	12m	18m	2m	6m	9m
01 Jan 2026	*1390	*1140	*400	*810	*193	*160	*100	*41	*5	*3	*52	*3	*2	*11	*9	*2	*2	*2	*9600	*5000	*4600
02 Jan 2026	*1390	*1140	*400	*810	*193	*160	*100	*41	*5	*3	*52	*3	*2	*11	*9	*2	*2	*2	*9600	*5000	*4600
03 Jan 2026	*1390	*1140	*400	*810	*193	*160	*100	*41	*5	*3	*52	*3	*2	*11	*9	*2	*2	*2	*9600	*5000	*4600
04 Jan 2026	*1390	*1140	*400	*810	*193	*160	*100	*41	*5	*3	*52	*3	*2	*11	*9	*2	*2	*2	*9600	*5000	*4600
05 Jan 2026	*1390	*1140	*400	*810	*193	*160	*100	*41	*5	*3	*52	*3	*2	*11	*9	*2	*2	*2	*9600	*5000	*4600
06 Jan 2026	180	540	600	1600	380	180	160	80	6	4	100	4	2	20	16	2	2	2	9600	7400	6200
07 Jan 2026	*1390	*1370	*320	*3210	*1303	*230	*100	*41	*5	*701	*52	*3	*2	*11	*9	*2	*2	*2	*12800	*8000	*7000
08 Jan 2026	*1390	*1370	*320	*3210	*1303	*230	*100	*41	*5	*701	*52	*3	*2	*11	*9	*2	*2	*2	*12800	*8000	*7000
09 Jan 2026	*1390	*1370	*320	*3210	*1303	*230	*100	*41	*5	*701	*52	*3	*2	*11	*9	*2	*2	*2	*12800	*8000	*7000
10 Jan 2026	*1390	*1370	*320	*3210	*1303	*230	*100	*41	*5	*701	*52	*3	*2	*11	*9	*2	*2	*2	*12800	*8000	*7000
11 Jan 2026	*1390	*1370	*320	*3210	*1303	*230	*100	*41	*5	*701	*52	*3	*2	*11	*9	*2	*2	*2	*12800	*8000	*7000
12 Jan 2026	2600	2200	280	22	12	140	40	2	4	2	4	4	2	4	16	2	2	2	11000	8600	6200
13 Jan 2026	2600	2200	280	22	12	140	40	2	4	2	4	4	2	4	16	2	2	2	11000	8600	6200
14 Jan 2026	*3800	*5400	*440	*3211	*1306	*230	*100	*41	*5	*701	*52	*5	*2	*12	*28	*2	*2	*2	*13500	*12300	*7000
15 Jan 2026	*3800	*5400	*440	*3211	*1306	*230	*100	*41	*5	*701	*52	*5	*2	*12	*28	*2	*2	*2	*13500	*12300	*7000
16 Jan 2026	*3800	*5400	*440	*3211	*1306	*230	*100	*41	*5	*701	*52	*5	*2	*12	*28	*2	*2	*2	*13500	*12300	*7000
17 Jan 2026	*3800	*5400	*440	*3211	*1306	*230	*100	*41	*5	*701	*52	*5	*2	*12	*28	*2	*2	*2	*13500	*12300	*7000
18 Jan 2026	*3800	*5400	*440	*3211	*1306	*230	*100	*41	*5	*701	*52	*5	*2	*12	*28	*2	*2	*2	*13500	*12300	*7000
19 Jan 2026	*3800	*5400	*440	*3211	*1306	*230	*100	*41	*5	*701	*52	*5	*2	*12	*28	*2	*2	*2	*13500	*12300	*7000
20 Jan 2026	2600	2200	280	1400	52	140	160	44	6	1400	100	8	2	20	40	2	2	2	11000	8600	6200
21 Jan 2026	2600	2200	280	1400	52	140	160	44	6	1400	100	8	2	20	40	2	2	2	11000	8600	6200
22 Jan 2026	*2570	*4570	*440	*711	*32	*108	*620	*23	*16	*701	*1702	*1004	*271	*1010	*1420	*2	*8	*2	*13500	*11700	*5200
23 Jan 2026	*2570	*4570	*440	*711	*32	*108	*620	*23	*16	*701	*1702	*1004	*271	*1010	*1420	*2	*8	*2	*13500	*11700	*5200
24 Jan 2026	*2570	*4570	*440	*711	*32	*108	*620	*23	*16	*701	*1702	*1004	*271	*1010	*1420	*2	*8	*2	*13500	*11700	*5200
25 Jan 2026	*2570	*4570	*440	*711	*32	*108	*620	*23	*16	*701	*1702	*1004	*271	*1010	*1420	*2	*8	*2	*13500	*11700	*5200
26 Jan 2026	*2570	*4570	*440	*711	*32	*108	*620	*23	*16	*701	*1702	*1004	*271	*1010	*1420	*2	*8	*2	*13500	*11700	*5200
27 Jan 2026	160	540	600	600	52	140	340	44	26	2	8	24	2	20	40	2	2	2	16000	7400	4200
28 Jan 2026	*150	*450	*440	*1000	*726	*1038	*770	*622	*1213	*701	*1704	*1012	*271	*1003	*1420	*2	*8	*2	*13500	*6000	*3500
29 Jan 2026	*150	*450	*440	*1000	*726	*1038	*770	*622	*1213	*701	*1704	*1012	*271	*1003	*1420	*2	*8	*2	*13500	*6000	*3500
30 Jan 2026	*150	*450	*440	*1000	*726	*1038	*770	*622	*1213	*701	*1704	*1012	*271	*1003	*1420	*2	*8	*2	*13500	*6000	*3500
31 Jan 2026	*150	*450	*440	*1000	*726	*1038	*770	*622	*1213	*701	*1704	*1012	*271	*1003	*1420	*2	*8	*2	*13500	*6000	*3500

* Median calculated using n<5

Table 3.6

Summary of compliance at the SBOO 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% of samples per month.

	I19			I24			I25			I26			I32			I39			I40		
Date	**2m**	**6m**	**11m**	**2m**	**6m**	**11m**	**2m**	**6m**	**9m**	**2m**	**6m**	**9m**	**2m**	**6m**	**9m**	**2m**	**12m**	**18m**	**2m**	**6m**	**9m**
January	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**	**E**

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

Table 3.7

Summary of water quality parameters at the SBOO 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
I19	06 Jan 2026	1127	2	140e	10e	44
I19	06 Jan 2026	1127	6	540	220e	80e
I19	06 Jan 2026	1127	11	600e	46	100e
I19	12 Jan 2026	1022	2	5000	1200e	480
I19	12 Jan 2026	1022	6	8600	100e	62
I19	12 Jan 2026	1022	11	280e	22e	24e
I19	20 Jan 2026	1032	2	<2	<2	<2
I19	20 Jan 2026	1032	6	<2	<2	<2
I19	20 Jan 2026	1032	11	140e	38e	14e
I19	27 Jan 2026	1019	2	160e	28e	10e
I19	27 Jan 2026	1019	6	360e	76	24e
I19	27 Jan 2026	1019	11	1800e	520	110
I24	06 Jan 2026	1150	2	>16000	7200	340e
I24	06 Jan 2026	1150	6	>16000	2000e	780
I24	06 Jan 2026	1150	11	>16000	600e	600
I24	12 Jan 2026	1041	2	22e	8e	2e
I24	12 Jan 2026	1041	6	12e	<2	4e
I24	12 Jan 2026	1041	11	6e	2e	10e
I24	20 Jan 2026	1050	2	1400	220e	420
I24	20 Jan 2026	1050	6	52	4e	4e
I24	20 Jan 2026	1050	11	76	6e	16e
I24	27 Jan 2026	1040	2	600	120	38e
I24	27 Jan 2026	1040	6	1400e	540	120
I24	27 Jan 2026	1040	11	2000e	200e	240e
I25	06 Jan 2026	1157	2	5800	680	260e
I25	06 Jan 2026	1157	6	6600	380e	200e
I25	06 Jan 2026	1157	9	9200	420	200e
I25	12 Jan 2026	1048	2	2e	<2	<2
I25	12 Jan 2026	1048	6	<2	<2	<2
I25	12 Jan 2026	1048	9	<2	<2	6e
I25	20 Jan 2026	1057	2	1200	48	60e
I25	20 Jan 2026	1057	6	44	10e	26e
I25	20 Jan 2026	1057	9	26e	6e	8e
I25	27 Jan 2026	1047	2	340e	16e	18e
I25	27 Jan 2026	1047	6	1200e	460	110
I25	27 Jan 2026	1047	9	2400e	680	60e
I26	06 Jan 2026	1208	2	1400e	120e	64
I26	06 Jan 2026	1208	6	7200	460	300e
I26	06 Jan 2026	1208	9	2000e	320e	220e

Station	Date	Time	Depth	Total	Fecal	Entero
I26	12 Jan 2026	1056	2	<2	<2	2e
I26	12 Jan 2026	1056	6	<2	<2	<2
I26	12 Jan 2026	1056	9	8e	<2	2e
I26	20 Jan 2026	1106	2	2400e	380e	880
I26	20 Jan 2026	1106	6	3400e	1000	440
I26	20 Jan 2026	1106	9	4800	400e	360e
I26	27 Jan 2026	1055	2	<2	<2	<2
I26	27 Jan 2026	1055	6	8e	<2	<2
I26	27 Jan 2026	1055	9	24e	2e	<2
I32	06 Jan 2026	1221	2	1400e	140e	28e
I32	06 Jan 2026	1221	6	2000e	200e	46
I32	06 Jan 2026	1221	9	6000	740	620
I32	12 Jan 2026	1107	2	<2	<2	<2
I32	12 Jan 2026	1107	6	4e	2e	<2
I32	12 Jan 2026	1107	9	40e	<2	10e
I32	20 Jan 2026	1118	2	540	92	100
I32	20 Jan 2026	1118	6	3800e	400	200e
I32	20 Jan 2026	1118	9	2800e	800	200e
I32	27 Jan 2026	1108	2	2e	<2	<2
I32	27 Jan 2026	1108	6	6e	2e	<2
I32	27 Jan 2026	1108	9	4e	2e	<2
I39	06 Jan 2026	1105	2	>16000	>12000	1000
I39	06 Jan 2026	1105	12	2600e	240e	72
I39	06 Jan 2026	1105	18	460	28e	28e
I39	12 Jan 2026	1001	2	<2	<2	<2
I39	12 Jan 2026	1001	12	<2	<2	<2
I39	12 Jan 2026	1001	18	<2	<2	<2
I39	20 Jan 2026	1009	2	2e	4e	24e
I39	20 Jan 2026	1009	12	14e	<2	<2
I39	20 Jan 2026	1009	18	2e	<2	<2
I39	27 Jan 2026	1002	2	<2	<2	<2
I39	27 Jan 2026	1002	12	<2	<2	<2
I39	27 Jan 2026	1002	18	<2	<2	<2
I40	06 Jan 2026	1140	2	>16000	12000	760
I40	06 Jan 2026	1140	6	7400	740	220e
I40	06 Jan 2026	1140	9	6200	460	20e
I40	12 Jan 2026	1033	2	11000	2200e	460
I40	12 Jan 2026	1033	6	>16000	960	20e
I40	12 Jan 2026	1033	9	260e	28e	90
I40	20 Jan 2026	1043	2	1400e	160e	960
I40	20 Jan 2026	1043	6	4600	660	380e
I40	20 Jan 2026	1043	9	4200	700	400
I40	27 Jan 2026	1031	2	>16000	5000	840
I40	27 Jan 2026	1031	6	4000	580	60e
I40	27 Jan 2026	1031	9	2800e	680	80e

ns = not sampled
ND = no data

Table 3.8

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

Station	Date	Parameter	Value
I19	06 Jan 2026	Arrive Time	1127
I19	06 Jan 2026	Depart Time	1130
I19	06 Jan 2026	Air Temp (C)	17.5
I19	06 Jan 2026	Visibility (mi)	10
I19	06 Jan 2026	Wind Speed (kts)	2.5
I19	06 Jan 2026	Wind Dir	E
I19	06 Jan 2026	Sea State	Wind Ripples
I19	06 Jan 2026	High Tide Time	641
I19	06 Jan 2026	Low Tide Time	1411
I19	06 Jan 2026	Comments	
I19	12 Jan 2026	Arrive Time	1022
I19	12 Jan 2026	Depart Time	1027
I19	12 Jan 2026	Air Temp (C)	16.5
I19	12 Jan 2026	Visibility (mi)	10
I19	12 Jan 2026	Wind Speed (kts)	3.9
I19	12 Jan 2026	Wind Dir	W
I19	12 Jan 2026	Sea State	Calm
I19	12 Jan 2026	High Tide Time	417
I19	12 Jan 2026	Low Tide Time	1205
I19	12 Jan 2026	Comments	Sewage-like Odor
I19	20 Jan 2026	Arrive Time	1032
I19	20 Jan 2026	Depart Time	1037
I19	20 Jan 2026	Air Temp (C)	15.5
I19	20 Jan 2026	Visibility (mi)	2
I19	20 Jan 2026	Wind Speed (kts)	2.2
I19	20 Jan 2026	Wind Dir	S
I19	20 Jan 2026	Sea State	Calm
I19	20 Jan 2026	High Tide Time	912
I19	20 Jan 2026	Low Tide Time	1624
I19	20 Jan 2026	Comments	Patchy Fog
I19	27 Jan 2026	Arrive Time	1019
I19	27 Jan 2026	Depart Time	1023
I19	27 Jan 2026	Air Temp (C)	19
I19	27 Jan 2026	Visibility (mi)	10
I19	27 Jan 2026	Wind Speed (kts)	3.9
I19	27 Jan 2026	Wind Dir	E
I19	27 Jan 2026	Sea State	Calm
I19	27 Jan 2026	High Tide Time	324
I19	27 Jan 2026	Low Tide Time	1124
I19	27 Jan 2026	Comments	Sewage-like Odor
I40	06 Jan 2026	Arrive Time	1140
I40	06 Jan 2026	Depart Time	1144
I40	06 Jan 2026	Air Temp (C)	17.9
I40	06 Jan 2026	Visibility (mi)	10
I40	06 Jan 2026	Wind Speed (kts)	2.6
I40	06 Jan 2026	Wind Dir	SE
I40	06 Jan 2026	Sea State	Wind Ripples
I40	06 Jan 2026	High Tide Time	641
I40	06 Jan 2026	Low Tide Time	1411
I40	06 Jan 2026	Comments	
I40	12 Jan 2026	Arrive Time	1033

Station	Date	Parameter	Value
I40	12 Jan 2026	Depart Time	1037
I40	12 Jan 2026	Air Temp (C)	16.1
I40	12 Jan 2026	Visibility (mi)	10
I40	12 Jan 2026	Wind Speed (kts)	2.9
I40	12 Jan 2026	Wind Dir	NW
I40	12 Jan 2026	Sea State	Calm
I40	12 Jan 2026	High Tide Time	417
I40	12 Jan 2026	Low Tide Time	1205
I40	12 Jan 2026	Comments	Sewage-like Odor
I40	20 Jan 2026	Arrive Time	1043
I40	20 Jan 2026	Depart Time	1047
I40	20 Jan 2026	Air Temp (C)	16.1
I40	20 Jan 2026	Visibility (mi)	6
I40	20 Jan 2026	Wind Speed (kts)	3.4
I40	20 Jan 2026	Wind Dir	SW
I40	20 Jan 2026	Sea State	Calm
I40	20 Jan 2026	High Tide Time	912
I40	20 Jan 2026	Low Tide Time	1624
I40	20 Jan 2026	Comments	Patchy Fog
I40	27 Jan 2026	Arrive Time	1031
I40	27 Jan 2026	Depart Time	1036
I40	27 Jan 2026	Air Temp (C)	17.6
I40	27 Jan 2026	Visibility (mi)	10
I40	27 Jan 2026	Wind Speed (kts)	7.6
I40	27 Jan 2026	Wind Dir	NW
I40	27 Jan 2026	Sea State	Wind Ripples
I40	27 Jan 2026	High Tide Time	324
I40	27 Jan 2026	Low Tide Time	1124
I40	27 Jan 2026	Comments	Large raft of grebes
I24	06 Jan 2026	Arrive Time	1150
I24	06 Jan 2026	Depart Time	1154
I24	06 Jan 2026	Air Temp (C)	19
I24	06 Jan 2026	Visibility (mi)	10
I24	06 Jan 2026	Wind Speed (kts)	0.3
I24	06 Jan 2026	Wind Dir	S
I24	06 Jan 2026	Sea State	Wind Ripples
I24	06 Jan 2026	High Tide Time	641
I24	06 Jan 2026	Low Tide Time	1411
I24	06 Jan 2026	Comments	Cloudy water; Seagrass
I24	12 Jan 2026	Arrive Time	1041
I24	12 Jan 2026	Depart Time	1045
I24	12 Jan 2026	Air Temp (C)	16
I24	12 Jan 2026	Visibility (mi)	10
I24	12 Jan 2026	Wind Speed (kts)	5.4
I24	12 Jan 2026	Wind Dir	NW
I24	12 Jan 2026	Sea State	Calm
I24	12 Jan 2026	High Tide Time	417
I24	12 Jan 2026	Low Tide Time	1205
I24	12 Jan 2026	Comments	
I24	20 Jan 2026	Arrive Time	1050
I24	20 Jan 2026	Depart Time	1056
I24	20 Jan 2026	Air Temp (C)	16.5
I24	20 Jan 2026	Visibility (mi)	7
I24	20 Jan 2026	Wind Speed (kts)	3.1
I24	20 Jan 2026	Wind Dir	SW
I24	20 Jan 2026	Sea State	Calm

Station	Date	Parameter	Value
I24	20 Jan 2026	High Tide Time	912
I24	20 Jan 2026	Low Tide Time	1624
I24	20 Jan 2026	Comments	Patchy Fog
I24	27 Jan 2026	Arrive Time	1040
I24	27 Jan 2026	Depart Time	1044
I24	27 Jan 2026	Air Temp (C)	16.7
I24	27 Jan 2026	Visibility (mi)	10
I24	27 Jan 2026	Wind Speed (kts)	5
I24	27 Jan 2026	Wind Dir	NW
I24	27 Jan 2026	Sea State	Wind Ripples
I24	27 Jan 2026	High Tide Time	324
I24	27 Jan 2026	Low Tide Time	1124
I24	27 Jan 2026	Comments	
I25	06 Jan 2026	Arrive Time	1157
I25	06 Jan 2026	Depart Time	1200
I25	06 Jan 2026	Air Temp (C)	17.3
I25	06 Jan 2026	Visibility (mi)	10
I25	06 Jan 2026	Wind Speed (kts)	2.2
I25	06 Jan 2026	Wind Dir	W
I25	06 Jan 2026	Sea State	Wind Ripples
I25	06 Jan 2026	High Tide Time	641
I25	06 Jan 2026	Low Tide Time	1411
I25	06 Jan 2026	Comments	
I25	12 Jan 2026	Arrive Time	1048
I25	12 Jan 2026	Depart Time	1051
I25	12 Jan 2026	Air Temp (C)	16.2
I25	12 Jan 2026	Visibility (mi)	10
I25	12 Jan 2026	Wind Speed (kts)	3.4
I25	12 Jan 2026	Wind Dir	NW
I25	12 Jan 2026	Sea State	Wind Ripples
I25	12 Jan 2026	High Tide Time	417
I25	12 Jan 2026	Low Tide Time	1205
I25	12 Jan 2026	Comments	
I25	20 Jan 2026	Arrive Time	1057
I25	20 Jan 2026	Depart Time	1102
I25	20 Jan 2026	Air Temp (C)	16.1
I25	20 Jan 2026	Visibility (mi)	7
I25	20 Jan 2026	Wind Speed (kts)	3.2
I25	20 Jan 2026	Wind Dir	W
I25	20 Jan 2026	Sea State	Calm
I25	20 Jan 2026	High Tide Time	912
I25	20 Jan 2026	Low Tide Time	1624
I25	20 Jan 2026	Comments	Patchy Fog
I25	27 Jan 2026	Arrive Time	1047
I25	27 Jan 2026	Depart Time	1050
I25	27 Jan 2026	Air Temp (C)	16.6
I25	27 Jan 2026	Visibility (mi)	10
I25	27 Jan 2026	Wind Speed (kts)	1.9
I25	27 Jan 2026	Wind Dir	SE
I25	27 Jan 2026	Sea State	Wind Ripples
I25	27 Jan 2026	High Tide Time	324
I25	27 Jan 2026	Low Tide Time	1124
I25	27 Jan 2026	Comments	
I39	06 Jan 2026	Arrive Time	1105
I39	06 Jan 2026	Depart Time	1109

Station	Date	Parameter	Value
I39	06 Jan 2026	Air Temp (C)	16.6
I39	06 Jan 2026	Visibility (mi)	10
I39	06 Jan 2026	Wind Speed (kts)	3.1
I39	06 Jan 2026	Wind Dir	E
I39	06 Jan 2026	Sea State	Wind Ripples
I39	06 Jan 2026	High Tide Time	641
I39	06 Jan 2026	Low Tide Time	1411
I39	06 Jan 2026	Comments	
I39	12 Jan 2026	Arrive Time	1001
I39	12 Jan 2026	Depart Time	1005
I39	12 Jan 2026	Air Temp (C)	15.5
I39	12 Jan 2026	Visibility (mi)	10
I39	12 Jan 2026	Wind Speed (kts)	1.6
I39	12 Jan 2026	Wind Dir	NW
I39	12 Jan 2026	Sea State	Calm
I39	12 Jan 2026	High Tide Time	417
I39	12 Jan 2026	Low Tide Time	1205
I39	12 Jan 2026	Comments	
I39	20 Jan 2026	Arrive Time	1009
I39	20 Jan 2026	Depart Time	1013
I39	20 Jan 2026	Air Temp (C)	15.7
I39	20 Jan 2026	Visibility (mi)	6
I39	20 Jan 2026	Wind Speed (kts)	0.4
I39	20 Jan 2026	Wind Dir	N
I39	20 Jan 2026	Sea State	Calm
I39	20 Jan 2026	High Tide Time	912
I39	20 Jan 2026	Low Tide Time	1624
I39	20 Jan 2026	Comments	Patchy Fog
I39	27 Jan 2026	Arrive Time	1002
I39	27 Jan 2026	Depart Time	1006
I39	27 Jan 2026	Air Temp (C)	16
I39	27 Jan 2026	Visibility (mi)	10
I39	27 Jan 2026	Wind Speed (kts)	5.8
I39	27 Jan 2026	Wind Dir	W
I39	27 Jan 2026	Sea State	Calm
I39	27 Jan 2026	High Tide Time	324
I39	27 Jan 2026	Low Tide Time	1124
I39	27 Jan 2026	Comments	
I26	06 Jan 2026	Arrive Time	1208
I26	06 Jan 2026	Depart Time	1211
I26	06 Jan 2026	Air Temp (C)	17.2
I26	06 Jan 2026	Visibility (mi)	10
I26	06 Jan 2026	Wind Speed (kts)	2.7
I26	06 Jan 2026	Wind Dir	W
I26	06 Jan 2026	Sea State	Wind Ripples
I26	06 Jan 2026	High Tide Time	641
I26	06 Jan 2026	Low Tide Time	1411
I26	06 Jan 2026	Comments	
I26	12 Jan 2026	Arrive Time	1056
I26	12 Jan 2026	Depart Time	1059
I26	12 Jan 2026	Air Temp (C)	16.3
I26	12 Jan 2026	Visibility (mi)	10
I26	12 Jan 2026	Wind Speed (kts)	6.5
I26	12 Jan 2026	Wind Dir	NW
I26	12 Jan 2026	Sea State	Wind Ripples
I26	12 Jan 2026	High Tide Time	417

Station	Date	Parameter	Value
I26	12 Jan 2026	Low Tide Time	1205
I26	12 Jan 2026	Comments	
I26	20 Jan 2026	Arrive Time	1106
I26	20 Jan 2026	Depart Time	1111
I26	20 Jan 2026	Air Temp (C)	16.3
I26	20 Jan 2026	Visibility (mi)	6
I26	20 Jan 2026	Wind Speed (kts)	3.5
I26	20 Jan 2026	Wind Dir	W
I26	20 Jan 2026	Sea State	Calm
I26	20 Jan 2026	High Tide Time	912
I26	20 Jan 2026	Low Tide Time	1624
I26	20 Jan 2026	Comments	Patchy Fog
I26	27 Jan 2026	Arrive Time	1055
I26	27 Jan 2026	Depart Time	1100
I26	27 Jan 2026	Air Temp (C)	16.7
I26	27 Jan 2026	Visibility (mi)	10
I26	27 Jan 2026	Wind Speed (kts)	1.8
I26	27 Jan 2026	Wind Dir	W
I26	27 Jan 2026	Sea State	Wind Ripples
I26	27 Jan 2026	High Tide Time	324
I26	27 Jan 2026	Low Tide Time	1124
I26	27 Jan 2026	Comments	
I32	06 Jan 2026	Arrive Time	1221
I32	06 Jan 2026	Depart Time	1225
I32	06 Jan 2026	Air Temp (C)	16.9
I32	06 Jan 2026	Visibility (mi)	10
I32	06 Jan 2026	Wind Speed (kts)	1.9
I32	06 Jan 2026	Wind Dir	W
I32	06 Jan 2026	Sea State	Wind Ripples
I32	06 Jan 2026	High Tide Time	641
I32	06 Jan 2026	Low Tide Time	1411
I32	06 Jan 2026	Comments	
I32	12 Jan 2026	Arrive Time	1107
I32	12 Jan 2026	Depart Time	1110
I32	12 Jan 2026	Air Temp (C)	16.6
I32	12 Jan 2026	Visibility (mi)	10
I32	12 Jan 2026	Wind Speed (kts)	2
I32	12 Jan 2026	Wind Dir	W
I32	12 Jan 2026	Sea State	Wind Ripples
I32	12 Jan 2026	High Tide Time	417
I32	12 Jan 2026	Low Tide Time	1205
I32	12 Jan 2026	Comments	
I32	20 Jan 2026	Arrive Time	1118
I32	20 Jan 2026	Depart Time	1122
I32	20 Jan 2026	Air Temp (C)	15.7
I32	20 Jan 2026	Visibility (mi)	6
I32	20 Jan 2026	Wind Speed (kts)	1.9
I32	20 Jan 2026	Wind Dir	NW
I32	20 Jan 2026	Sea State	Calm
I32	20 Jan 2026	High Tide Time	912
I32	20 Jan 2026	Low Tide Time	1624
I32	20 Jan 2026	Comments	Patchy Fog
I32	27 Jan 2026	Arrive Time	1108
I32	27 Jan 2026	Depart Time	1112
I32	27 Jan 2026	Air Temp (C)	16.3

Station	Date	Parameter	Value
I32	27 Jan 2026	Visibility (mi)	10
I32	27 Jan 2026	Wind Speed (kts)	6
I32	27 Jan 2026	Wind Dir	W
I32	27 Jan 2026	Sea State	Wind Ripples
I32	27 Jan 2026	High Tide Time	324
I32	27 Jan 2026	Low Tide Time	1124
I32	27 Jan 2026	Comments	

Table 3.9

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

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I19	06 Jan 2026	1	17.31	65.99	8.0	33.09	8.2	24.0	2.08
I19	06 Jan 2026	2	17.30	65.62	8.0	33.09	8.2	24.0	2.19
I19	06 Jan 2026	3	17.29	64.87	7.9	33.09	8.2	24.0	2.41
I19	06 Jan 2026	4	17.28	62.70	7.9	33.09	8.2	24.0	2.65
I19	06 Jan 2026	5	17.26	61.27	7.9	33.09	8.2	24.0	2.71
I19	06 Jan 2026	6	17.24	60.70	7.9	33.09	8.2	24.0	2.65
I19	06 Jan 2026	7	17.21	59.03	7.9	33.08	8.2	24.0	2.47
I19	06 Jan 2026	8	17.22	56.98	7.8	33.09	8.2	24.0	2.30
I19	06 Jan 2026	9	17.22	56.16	7.8	33.10	8.2	24.0	1.85
I19	06 Jan 2026	10	17.21	61.46	7.8	33.10	8.2	24.0	1.65
I19	12 Jan 2026	1	15.78	69.39	7.3	33.20	8.2	24.4	0.72
I19	12 Jan 2026	2	15.70	69.10	7.2	33.22	8.2	24.4	0.69
I19	12 Jan 2026	3	15.50	68.06	7.0	33.23	8.1	24.5	0.74
I19	12 Jan 2026	4	15.30	66.35	6.9	33.23	8.1	24.5	0.78
I19	12 Jan 2026	5	15.09	66.24	6.8	33.25	8.1	24.6	0.88
I19	12 Jan 2026	6	14.91	70.90	6.8	33.25	8.1	24.6	0.90
I19	12 Jan 2026	7	14.79	77.42	6.7	33.24	8.1	24.7	0.92
I19	12 Jan 2026	8	14.77	77.92	6.7	33.24	8.1	24.7	1.04
I19	12 Jan 2026	9	14.76	66.73	6.7	33.24	8.1	24.7	1.24
I19	12 Jan 2026	10	14.75	58.84	6.7	33.24	8.1	24.7	1.29
I19	20 Jan 2026	1	16.41	91.41	8.0	33.25	8.2	24.3	0.47
I19	20 Jan 2026	2	16.42	91.44	7.9	33.25	8.2	24.3	0.46
I19	20 Jan 2026	3	16.32	91.34	7.9	33.25	8.2	24.3	0.42
I19	20 Jan 2026	4	16.23	90.76	7.9	33.25	8.2	24.4	0.51
I19	20 Jan 2026	5	16.22	89.50	7.9	33.25	8.2	24.4	0.68
I19	20 Jan 2026	6	16.21	89.02	8.0	33.25	8.2	24.4	0.84
I19	20 Jan 2026	7	16.20	88.67	8.0	33.25	8.2	24.4	0.98
I19	20 Jan 2026	8	16.18	87.72	7.9	33.25	8.2	24.4	1.30
I19	20 Jan 2026	9	16.16	86.06	7.9	33.25	8.2	24.4	1.37
I19	20 Jan 2026	10	16.12	85.65	7.9	33.26	8.2	24.4	1.29
I19	27 Jan 2026	1	15.69	75.97	7.4	33.27	8.1	24.5	1.09
I19	27 Jan 2026	2	15.66	75.45	7.4	33.27	8.1	24.5	1.13
I19	27 Jan 2026	3	15.65	75.66	7.4	33.27	8.1	24.5	1.34
I19	27 Jan 2026	4	15.64	75.90	7.4	33.27	8.1	24.5	1.59
I19	27 Jan 2026	5	15.62	75.88	7.5	33.27	8.1	24.5	1.93
I19	27 Jan 2026	6	15.61	75.68	7.4	33.27	8.1	24.5	2.09
I19	27 Jan 2026	7	15.61	75.80	7.4	33.27	8.1	24.5	2.09
I19	27 Jan 2026	8	15.60	76.04	7.4	33.27	8.1	24.5	2.09
I19	27 Jan 2026	9	15.57	75.72	7.5	33.27	8.1	24.5	1.84
I19	27 Jan 2026	10	15.50	75.63	7.6	33.27	8.1	24.5	1.76
I40	06 Jan 2026	1	17.23	61.67	8.1	32.95	8.2	23.9	2.09
I40	06 Jan 2026	2	17.23	61.65	8.1	32.95	8.2	23.9	2.17
I40	06 Jan 2026	3	17.20	61.26	8.0	33.05	8.2	24.0	2.38
I40	06 Jan 2026	4	17.22	62.12	7.9	33.09	8.2	24.0	2.15
I40	06 Jan 2026	5	17.22	65.29	7.9	33.10	8.2	24.0	2.00
I40	06 Jan 2026	6	17.20	69.40	7.9	33.11	8.2	24.0	2.08
I40	06 Jan 2026	7	17.20	71.58	7.8	33.11	8.2	24.0	2.01
I40	06 Jan 2026	8	17.19	72.66	7.8	33.12	8.2	24.0	1.96
I40	06 Jan 2026	9	17.18	73.48	7.8	33.13	8.2	24.0	1.83
I40	06 Jan 2026	10	17.18	74.44	7.7	33.14	8.2	24.0	1.69
I40	12 Jan 2026	1	15.60	63.43	7.1	33.12	8.1	24.4	0.74
I40	12 Jan 2026	2	15.53	63.06	7.0	33.19	8.1	24.5	0.72
I40	12 Jan 2026	3	15.35	60.91	7.1	33.21	8.1	24.5	1.01
I40	12 Jan 2026	4	15.25	56.75	6.8	33.23	8.1	24.6	1.28
I40	12 Jan 2026	5	15.05	58.29	6.7	33.24	8.1	24.6	1.19
I40	12 Jan 2026	6	14.96	62.62	6.6	33.24	8.1	24.6	1.13
I40	12 Jan 2026	7	14.91	64.65	6.6	33.24	8.1	24.6	1.14
I40	12 Jan 2026	8	14.88	64.26	6.6	33.24	8.1	24.6	1.14
I40	12 Jan 2026	9	14.84	64.72	6.6	33.24	8.1	24.6	1.23
I40	12 Jan 2026	10	14.85	59.07	6.5	33.24	8.1	24.6	1.54
I40	20 Jan 2026	1	16.27	91.64	7.9	33.22	8.2	24.3	0.33
I40	20 Jan 2026	2	16.25	91.48	7.9	33.22	8.2	24.3	0.33

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I40	20 Jan 2026	3	16.21	91.54	7.9	33.23	8.2	24.3	0.32
I40	20 Jan 2026	4	16.19	91.67	7.9	33.23	8.2	24.3	0.37
I40	20 Jan 2026	5	16.19	91.62	7.9	33.23	8.2	24.3	0.41
I40	20 Jan 2026	6	16.18	91.68	8.0	33.23	8.2	24.3	0.42
I40	20 Jan 2026	7	16.18	91.76	8.0	33.23	8.2	24.3	0.45
I40	20 Jan 2026	8	16.14	91.74	8.0	33.24	8.2	24.4	0.52
I40	20 Jan 2026	9	16.13	91.64	8.0	33.24	8.2	24.4	0.71
I40	20 Jan 2026	10	16.13	91.18	8.0	33.24	8.2	24.4	0.73
I40	27 Jan 2026	1	15.73	66.51	7.4	33.10	8.1	24.4	1.02
I40	27 Jan 2026	2	15.73	66.34	7.3	33.10	8.1	24.4	0.98
I40	27 Jan 2026	3	15.68	66.23	7.3	33.18	8.1	24.4	1.04
I40	27 Jan 2026	4	15.65	62.55	7.2	33.23	8.1	24.5	1.55
I40	27 Jan 2026	5	15.64	57.25	7.1	33.23	8.1	24.5	1.98
I40	27 Jan 2026	6	15.62	54.16	7.1	33.24	8.1	24.5	2.14
I40	27 Jan 2026	7	15.61	49.28	7.1	33.24	8.1	24.5	2.50
I40	27 Jan 2026	8	15.61	44.39	7.1	33.24	8.1	24.5	2.71
I40	27 Jan 2026	9	15.60	41.27	7.1	33.23	8.1	24.5	2.95
I40	27 Jan 2026	10	15.59	39.99	7.1	33.23	8.1	24.5	2.81
I24	06 Jan 2026	1	17.24	38.06	7.8	32.93	8.2	23.9	1.93
I24	06 Jan 2026	2	17.24	37.85	7.8	32.96	8.2	23.9	1.97
I24	06 Jan 2026	3	17.23	38.12	7.8	32.97	8.2	23.9	2.09
I24	06 Jan 2026	4	17.21	40.21	7.8	33.00	8.2	23.9	2.20
I24	06 Jan 2026	5	17.13	41.70	7.5	33.07	8.2	24.0	2.32
I24	06 Jan 2026	6	17.06	45.52	7.3	33.09	8.2	24.0	2.47
I24	06 Jan 2026	7	17.07	42.06	7.3	33.12	8.2	24.1	2.36
I24	06 Jan 2026	8	17.10	40.27	7.3	33.16	8.2	24.1	1.90
I24	06 Jan 2026	9	17.10	44.46	7.3	33.18	8.2	24.1	1.41
I24	06 Jan 2026	10	17.07	55.08	7.2	33.19	8.2	24.1	1.24
I24	12 Jan 2026	1	15.90	80.62	7.5	33.23	8.2	24.4	0.69
I24	12 Jan 2026	2	15.88	80.36	7.5	33.23	8.2	24.4	0.65
I24	12 Jan 2026	3	15.78	79.76	7.4	33.24	8.2	24.4	0.66
I24	12 Jan 2026	4	15.63	79.46	7.2	33.24	8.2	24.5	0.74
I24	12 Jan 2026	5	15.39	80.41	7.0	33.24	8.1	24.5	0.76
I24	12 Jan 2026	6	15.18	83.71	6.9	33.24	8.1	24.6	0.67
I24	12 Jan 2026	7	15.15	86.86	6.9	33.24	8.1	24.6	0.60
I24	12 Jan 2026	8	15.13	84.16	6.9	33.24	8.1	24.6	0.70
I24	12 Jan 2026	9	15.02	80.90	6.8	33.24	8.1	24.6	0.81
I24	12 Jan 2026	10	14.96	78.84	6.8	33.24	8.1	24.6	0.93
I24	20 Jan 2026	1	16.33	91.37	7.9	33.21	8.2	24.3	0.38
I24	20 Jan 2026	2	16.36	91.45	8.0	33.24	8.2	24.3	0.35
I24	20 Jan 2026	3	16.34	91.98	8.0	33.24	8.2	24.3	0.39
I24	20 Jan 2026	4	16.33	92.48	8.0	33.24	8.2	24.3	0.45
I24	20 Jan 2026	5	16.30	92.48	8.0	33.25	8.2	24.3	0.49
I24	20 Jan 2026	6	16.27	92.93	8.0	33.25	8.2	24.3	0.50
I24	20 Jan 2026	7	16.25	93.24	8.0	33.25	8.2	24.3	0.48
I24	20 Jan 2026	8	16.22	93.38	8.0	33.25	8.2	24.4	0.56
I24	20 Jan 2026	9	16.18	93.22	7.9	33.25	8.2	24.4	0.70
I24	20 Jan 2026	10	16.15	91.64	7.9	33.26	8.2	24.4	1.06
I24	20 Jan 2026	11	16.15	85.86	7.9	33.26	8.2	24.4	1.25
I24	27 Jan 2026	1	15.71	73.43	7.2	33.22	8.1	24.4	1.09
I24	27 Jan 2026	2	15.66	72.68	7.1	33.22	8.1	24.5	1.07
I24	27 Jan 2026	3	15.63	72.08	7.1	33.23	8.1	24.5	1.33
I24	27 Jan 2026	4	15.62	71.61	7.0	33.22	8.1	24.5	1.43
I24	27 Jan 2026	5	15.61	71.11	7.0	33.22	8.1	24.5	1.51
I24	27 Jan 2026	6	15.60	69.52	7.0	33.22	8.1	24.5	1.58
I24	27 Jan 2026	7	15.60	64.87	7.0	33.22	8.1	24.5	1.57
I24	27 Jan 2026	8	15.60	62.57	7.0	33.22	8.1	24.5	1.59
I24	27 Jan 2026	9	15.60	60.27	7.0	33.22	8.1	24.5	1.64
I25	06 Jan 2026	1	17.21	61.61	7.8	33.07	8.2	24.0	2.07
I25	06 Jan 2026	2	17.15	60.99	7.7	33.07	8.2	24.0	2.17
I25	06 Jan 2026	3	17.11	58.53	7.6	33.10	8.2	24.0	2.28
I25	06 Jan 2026	4	17.15	56.32	7.7	33.15	8.2	24.1	2.08
I25	06 Jan 2026	5	17.08	59.02	7.6	33.19	8.2	24.1	1.48
I25	06 Jan 2026	6	17.05	68.87	7.4	33.20	8.2	24.1	1.21
I25	06 Jan 2026	7	17.04	70.82	7.4	33.21	8.2	24.1	1.19
I25	06 Jan 2026	8	17.04	66.63	7.3	33.20	8.2	24.1	1.17
I25	06 Jan 2026	9	17.04	60.84	7.3	33.20	8.2	24.1	1.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I25	12 Jan 2026	1	15.95	84.30	7.5	33.23	8.2	24.4	0.78
I25	12 Jan 2026	2	15.91	84.25	7.5	33.23	8.2	24.4	0.77
I25	12 Jan 2026	3	15.82	84.71	7.4	33.23	8.2	24.4	0.80
I25	12 Jan 2026	4	15.49	84.94	7.1	33.25	8.2	24.5	0.79
I25	12 Jan 2026	5	15.14	87.67	6.9	33.25	8.1	24.6	0.53
I25	12 Jan 2026	6	15.13	88.51	6.9	33.24	8.1	24.6	0.48
I25	12 Jan 2026	7	15.14	86.37	6.9	33.24	8.1	24.6	0.58
I25	12 Jan 2026	8	15.13	84.38	6.9	33.24	8.1	24.6	0.70
I25	12 Jan 2026	9	15.13	82.84	6.8	33.24	8.1	24.6	0.76
I25	20 Jan 2026	1	16.34	92.38	7.9	33.23	8.2	24.3	0.47
I25	20 Jan 2026	2	16.33	92.49	7.9	33.23	8.2	24.3	0.48
I25	20 Jan 2026	3	16.32	92.39	8.0	33.24	8.2	24.3	0.54
I25	20 Jan 2026	4	16.31	92.34	8.0	33.24	8.2	24.3	0.53
I25	20 Jan 2026	5	16.30	92.48	8.0	33.25	8.2	24.3	0.63
I25	20 Jan 2026	6	16.29	92.53	8.0	33.25	8.2	24.3	0.67
I25	20 Jan 2026	7	16.25	92.79	7.9	33.25	8.2	24.3	0.70
I25	20 Jan 2026	8	16.19	92.71	7.9	33.25	8.2	24.4	0.79
I25	20 Jan 2026	9	16.17	91.04	7.9	33.26	8.2	24.4	0.95
I25	27 Jan 2026	1	15.92	82.52	7.6	33.25	8.1	24.4	0.93
I25	27 Jan 2026	2	15.86	81.54	7.6	33.25	8.1	24.4	0.99
I25	27 Jan 2026	3	15.78	80.95	7.5	33.24	8.1	24.4	1.11
I25	27 Jan 2026	4	15.75	79.82	7.4	33.23	8.1	24.4	1.42
I25	27 Jan 2026	5	15.71	78.51	7.3	33.23	8.1	24.4	1.59
I25	27 Jan 2026	6	15.68	77.42	7.2	33.22	8.1	24.5	1.73
I25	27 Jan 2026	7	15.62	76.27	7.2	33.22	8.1	24.5	1.75
I25	27 Jan 2026	8	15.60	74.56	7.1	33.22	8.1	24.5	1.43
I39	06 Jan 2026	1	17.03	74.58	7.8	32.87	8.2	23.9	1.21
I39	06 Jan 2026	2	17.03	74.26	7.8	32.87	8.2	23.9	1.31
I39	06 Jan 2026	3	17.00	74.10	7.8	32.95	8.2	23.9	1.33
I39	06 Jan 2026	4	16.99	75.31	7.8	33.10	8.2	24.1	1.21
I39	06 Jan 2026	5	17.00	79.86	7.7	33.19	8.2	24.1	0.94
I39	06 Jan 2026	6	17.00	85.80	7.7	33.20	8.2	24.1	0.89
I39	06 Jan 2026	7	16.99	89.81	7.7	33.21	8.2	24.1	0.94
I39	06 Jan 2026	8	16.99	91.79	7.7	33.22	8.2	24.1	0.86
I39	06 Jan 2026	9	16.99	92.24	7.7	33.22	8.2	24.1	0.87
I39	06 Jan 2026	10	16.99	92.56	7.7	33.22	8.2	24.1	0.86
I39	06 Jan 2026	11	16.99	92.70	7.7	33.22	8.2	24.1	0.85
I39	06 Jan 2026	12	16.99	92.44	7.7	33.22	8.2	24.1	0.83
I39	06 Jan 2026	13	16.99	91.96	7.7	33.22	8.2	24.1	0.86
I39	06 Jan 2026	14	16.99	91.70	7.7	33.22	8.2	24.1	0.87
I39	06 Jan 2026	15	16.99	91.01	7.7	33.22	8.2	24.1	0.86
I39	06 Jan 2026	16	16.99	90.63	7.7	33.22	8.2	24.1	0.86
I39	06 Jan 2026	17	16.99	90.44	7.7	33.22	8.2	24.1	0.86
I39	06 Jan 2026	18	16.99	89.63	7.6	33.22	8.2	24.2	0.84
I39	12 Jan 2026	1	15.83	95.19	7.5	33.22	8.2	24.4	0.60
I39	12 Jan 2026	2	15.82	95.10	7.5	33.22	8.2	24.4	0.58
I39	12 Jan 2026	3	15.82	95.08	7.5	33.22	8.2	24.4	0.60
I39	12 Jan 2026	4	15.81	95.00	7.5	33.22	8.2	24.4	0.66
I39	12 Jan 2026	5	15.81	94.84	7.5	33.22	8.2	24.4	0.74
I39	12 Jan 2026	6	15.81	94.85	7.5	33.22	8.2	24.4	0.84
I39	12 Jan 2026	7	15.80	94.48	7.5	33.22	8.2	24.4	0.92
I39	12 Jan 2026	8	15.80	94.74	7.5	33.22	8.2	24.4	0.96
I39	12 Jan 2026	9	15.79	95.01	7.4	33.22	8.2	24.4	0.99
I39	12 Jan 2026	10	15.72	95.15	7.4	33.23	8.2	24.4	0.97
I39	12 Jan 2026	11	15.48	95.37	7.2	33.25	8.2	24.5	0.88
I39	12 Jan 2026	12	15.04	95.63	6.9	33.27	8.1	24.6	0.64
I39	12 Jan 2026	13	14.84	96.35	6.8	33.26	8.1	24.7	0.48
I39	12 Jan 2026	14	14.63	96.85	6.8	33.26	8.1	24.7	0.50
I39	12 Jan 2026	15	14.38	97.00	6.8	33.25	8.1	24.8	0.50
I39	12 Jan 2026	16	14.21	97.07	6.8	33.25	8.1	24.8	0.54
I39	12 Jan 2026	17	14.14	96.80	6.7	33.25	8.1	24.8	0.56
I39	12 Jan 2026	18	14.13	95.64	6.7	33.25	8.1	24.8	0.58
I39	20 Jan 2026	1	16.37	93.86	7.9	33.24	8.2	24.3	0.76
I39	20 Jan 2026	2	16.35	93.87	7.9	33.24	8.2	24.3	0.72
I39	20 Jan 2026	3	16.30	93.72	7.9	33.24	8.2	24.3	0.77
I39	20 Jan 2026	4	16.27	93.48	7.9	33.25	8.2	24.3	0.88
I39	20 Jan 2026	5	16.27	93.30	8.0	33.25	8.2	24.3	1.03
I39	20 Jan 2026	6	16.27	93.31	8.0	33.25	8.2	24.3	1.03
I39	20 Jan 2026	7	16.27	93.50	8.0	33.25	8.2	24.3	1.00

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I39	20 Jan 2026	8	16.26	93.93	8.0	33.25	8.2	24.3	1.06
I39	20 Jan 2026	9	16.26	93.72	8.0	33.26	8.2	24.3	1.06
I39	20 Jan 2026	10	16.25	93.80	8.0	33.26	8.2	24.3	1.12
I39	20 Jan 2026	11	16.25	93.84	7.9	33.26	8.2	24.3	1.10
I39	20 Jan 2026	12	16.25	93.97	8.0	33.26	8.2	24.3	1.13
I39	20 Jan 2026	13	16.25	94.01	8.0	33.26	8.2	24.3	1.07
I39	20 Jan 2026	14	16.25	94.07	7.9	33.26	8.2	24.4	1.08
I39	20 Jan 2026	15	16.21	94.21	7.9	33.25	8.2	24.4	1.08
I39	20 Jan 2026	16	16.08	93.90	7.8	33.26	8.2	24.4	1.23
I39	20 Jan 2026	17	16.05	93.21	7.8	33.26	8.2	24.4	1.35
I39	20 Jan 2026	18	16.04	91.73	7.9	33.26	8.2	24.4	1.31
I39	27 Jan 2026	1	15.96	74.87	7.7	33.29	8.2	24.4	0.57
I39	27 Jan 2026	2	15.96	75.39	7.8	33.29	8.2	24.4	0.55
I39	27 Jan 2026	3	15.94	75.95	7.8	33.28	8.2	24.4	0.61
I39	27 Jan 2026	4	15.93	76.83	7.8	33.28	8.2	24.4	0.65
I39	27 Jan 2026	5	15.93	77.91	7.8	33.28	8.2	24.4	0.77
I39	27 Jan 2026	6	15.93	78.90	7.8	33.28	8.2	24.4	0.86
I39	27 Jan 2026	7	15.93	79.52	7.8	33.28	8.2	24.4	0.91
I39	27 Jan 2026	8	15.92	79.77	7.8	33.28	8.2	24.4	1.01
I39	27 Jan 2026	9	15.92	80.22	7.8	33.28	8.2	24.4	1.13
I39	27 Jan 2026	10	15.92	80.63	7.8	33.28	8.2	24.4	1.16
I39	27 Jan 2026	11	15.91	81.01	7.8	33.28	8.2	24.4	1.21
I39	27 Jan 2026	12	15.91	81.16	7.8	33.28	8.2	24.4	1.23
I39	27 Jan 2026	13	15.91	81.52	7.8	33.28	8.2	24.4	1.27
I39	27 Jan 2026	14	15.89	81.88	7.8	33.28	8.2	24.5	1.32
I39	27 Jan 2026	15	15.88	81.93	7.8	33.28	8.2	24.5	1.38
I39	27 Jan 2026	16	15.87	81.75	7.7	33.28	8.2	24.5	1.36
I39	27 Jan 2026	17	15.86	81.96	7.7	33.28	8.2	24.5	1.30
I39	27 Jan 2026	18	15.86	82.09	7.7	33.28	8.2	24.5	1.38
I26	06 Jan 2026	1	17.29	68.67	8.0	33.09	8.2	24.0	2.05
I26	06 Jan 2026	2	17.27	66.73	7.9	33.09	8.2	24.0	2.14
I26	06 Jan 2026	3	17.19	66.85	7.8	33.10	8.2	24.0	2.32
I26	06 Jan 2026	4	17.08	68.01	7.7	33.15	8.2	24.1	2.11
I26	06 Jan 2026	5	17.04	70.92	7.6	33.17	8.2	24.1	1.54
I26	06 Jan 2026	6	17.01	74.07	7.4	33.18	8.2	24.1	1.61
I26	06 Jan 2026	7	16.99	74.27	7.3	33.20	8.2	24.1	1.56
I26	06 Jan 2026	8	16.99	69.76	7.3	33.20	8.2	24.1	1.45
I26	06 Jan 2026	9	17.00	57.44	7.3	33.20	8.2	24.1	1.47
I26	12 Jan 2026	1	15.98	84.73	7.6	33.23	8.2	24.4	0.70
I26	12 Jan 2026	2	15.96	84.74	7.6	33.23	8.2	24.4	0.64
I26	12 Jan 2026	3	15.81	84.83	7.4	33.23	8.2	24.4	0.72
I26	12 Jan 2026	4	15.60	86.40	7.2	33.24	8.2	24.5	0.64
I26	12 Jan 2026	5	15.20	88.25	7.0	33.25	8.2	24.6	0.55
I26	12 Jan 2026	6	15.03	88.60	6.9	33.25	8.1	24.6	0.42
I26	12 Jan 2026	7	15.02	89.73	6.9	33.25	8.1	24.6	0.49
I26	12 Jan 2026	8	15.02	89.44	6.9	33.24	8.1	24.6	0.53
I26	12 Jan 2026	9	15.03	89.20	6.9	33.24	8.1	24.6	0.59
I26	20 Jan 2026	1	16.28	91.91	7.9	33.18	8.2	24.3	0.41
I26	20 Jan 2026	2	16.24	91.99	8.0	33.20	8.2	24.3	0.38
I26	20 Jan 2026	3	16.25	92.32	8.0	33.24	8.2	24.3	0.49
I26	20 Jan 2026	4	16.23	92.97	8.0	33.24	8.2	24.3	0.59
I26	20 Jan 2026	5	16.18	93.25	7.9	33.24	8.2	24.4	0.63
I26	20 Jan 2026	6	16.11	92.63	7.9	33.23	8.2	24.4	0.75
I26	20 Jan 2026	7	16.06	91.42	7.9	33.23	8.2	24.4	0.79
I26	20 Jan 2026	8	16.05	90.54	7.9	33.24	8.2	24.4	0.85
I26	20 Jan 2026	9	16.05	89.28	7.9	33.24	8.2	24.4	0.87
I26	27 Jan 2026	1	15.89	82.96	8.0	33.27	8.2	24.4	1.50
I26	27 Jan 2026	2	15.86	82.77	8.0	33.27	8.2	24.4	1.64
I26	27 Jan 2026	3	15.83	82.18	8.0	33.27	8.2	24.5	2.00
I26	27 Jan 2026	4	15.81	81.18	7.9	33.27	8.2	24.5	2.49
I26	27 Jan 2026	5	15.79	80.23	7.9	33.27	8.2	24.5	2.79
I26	27 Jan 2026	6	15.79	80.29	7.9	33.27	8.2	24.5	3.00
I26	27 Jan 2026	7	15.78	80.15	7.9	33.27	8.2	24.5	3.07
I26	27 Jan 2026	8	15.77	80.00	8.0	33.26	8.2	24.5	2.91
I26	27 Jan 2026	9	15.77	80.53	8.0	33.26	8.2	24.5	2.61
I32	06 Jan 2026	1	17.27	63.70	8.1	33.10	8.2	24.0	2.57
I32	06 Jan 2026	2	17.27	63.32	8.0	33.10	8.2	24.0	2.64
I32	06 Jan 2026	3	17.25	62.12	8.0	33.10	8.2	24.0	2.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/l)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
I32	06 Jan 2026	4	17.18	61.93	7.9	33.12	8.2	24.0	2.94
I32	06 Jan 2026	5	17.16	63.60	7.8	33.12	8.2	24.0	2.74
I32	06 Jan 2026	6	17.14	69.10	7.7	33.12	8.2	24.0	2.54
I32	06 Jan 2026	7	17.07	73.91	7.4	33.13	8.2	24.1	2.21
I32	06 Jan 2026	8	17.03	69.23	7.1	33.13	8.2	24.1	2.12
I32	06 Jan 2026	9	17.00	51.99	6.8	33.14	8.2	24.1	2.55
I32	06 Jan 2026	10	16.97	29.90	6.5	33.14	8.2	24.1	3.05
I32	12 Jan 2026	1	15.99	85.07	7.6	33.22	8.2	24.4	0.79
I32	12 Jan 2026	2	15.89	84.95	7.6	33.22	8.2	24.4	0.73
I32	12 Jan 2026	3	15.78	84.17	7.5	33.23	8.2	24.4	0.93
I32	12 Jan 2026	4	15.63	83.17	7.4	33.23	8.2	24.5	1.22
I32	12 Jan 2026	5	15.53	81.55	7.3	33.24	8.2	24.5	1.48
I32	12 Jan 2026	6	15.48	78.25	7.3	33.24	8.2	24.5	1.71
I32	12 Jan 2026	7	15.48	75.36	7.3	33.24	8.1	24.5	1.76
I32	12 Jan 2026	8	15.45	75.31	7.4	33.24	8.1	24.5	1.77
I32	12 Jan 2026	9	15.29	74.40	7.5	33.25	8.1	24.6	1.60
I32	12 Jan 2026	10	15.21	64.43	7.4	33.25	8.1	24.6	1.72
I32	20 Jan 2026	1	16.30	82.71	8.2	33.21	8.2	24.3	1.98
I32	20 Jan 2026	2	16.26	82.59	8.2	33.21	8.2	24.3	1.95
I32	20 Jan 2026	3	16.09	82.12	8.1	33.21	8.2	24.4	2.13
I32	20 Jan 2026	4	16.06	82.31	8.1	33.21	8.2	24.4	2.78
I32	20 Jan 2026	5	16.04	81.96	7.9	33.22	8.2	24.4	2.73
I32	20 Jan 2026	6	16.02	82.22	7.8	33.23	8.2	24.4	1.93
I32	20 Jan 2026	7	16.00	84.69	7.8	33.23	8.2	24.4	1.52
I32	20 Jan 2026	8	15.98	85.59	7.7	33.23	8.1	24.4	1.65
I32	20 Jan 2026	9	15.97	82.86	7.7	33.23	8.1	24.4	1.94
I32	20 Jan 2026	10	15.96	77.35	7.6	33.23	8.1	24.4	2.06
I32	27 Jan 2026	1	15.89	72.07	7.5	33.27	8.1	24.4	1.46
I32	27 Jan 2026	2	15.79	71.53	7.6	33.27	8.1	24.5	1.65
I32	27 Jan 2026	3	15.71	69.80	7.6	33.27	8.1	24.5	2.98
I32	27 Jan 2026	4	15.69	68.13	7.7	33.27	8.1	24.5	4.04
I32	27 Jan 2026	5	15.67	67.79	7.6	33.27	8.1	24.5	4.33
I32	27 Jan 2026	6	15.62	68.43	7.7	33.27	8.1	24.5	4.26
I32	27 Jan 2026	7	15.56	68.86	7.8	33.28	8.1	24.5	4.09
I32	27 Jan 2026	8	15.53	68.64	7.8	33.28	8.1	24.5	3.91
I32	27 Jan 2026	9	15.46	68.35	7.8	33.28	8.1	24.5	3.61
I32	27 Jan 2026	10	15.40	67.69	7.8	33.28	8.1	24.6	3.21

NA = not available

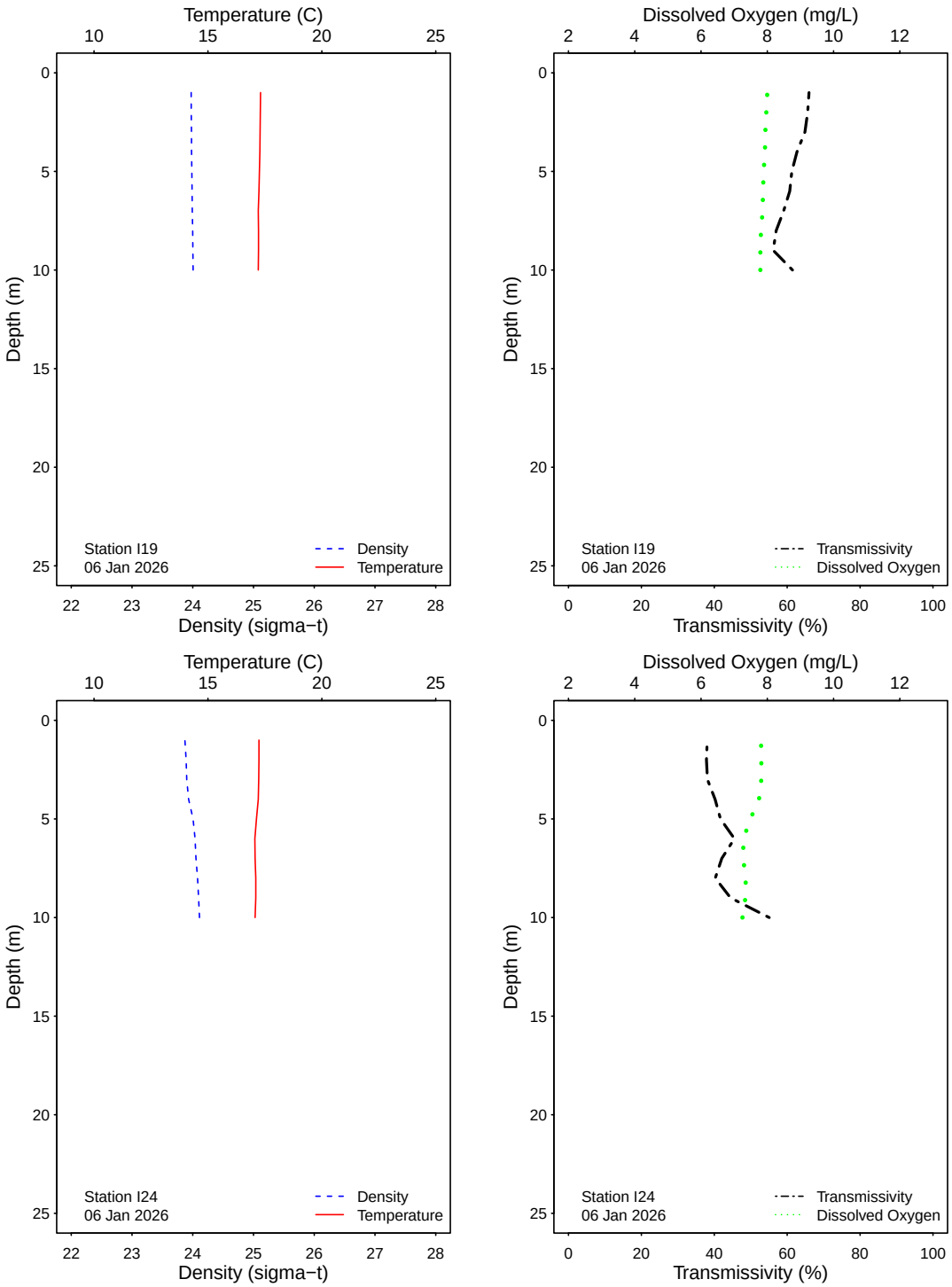

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

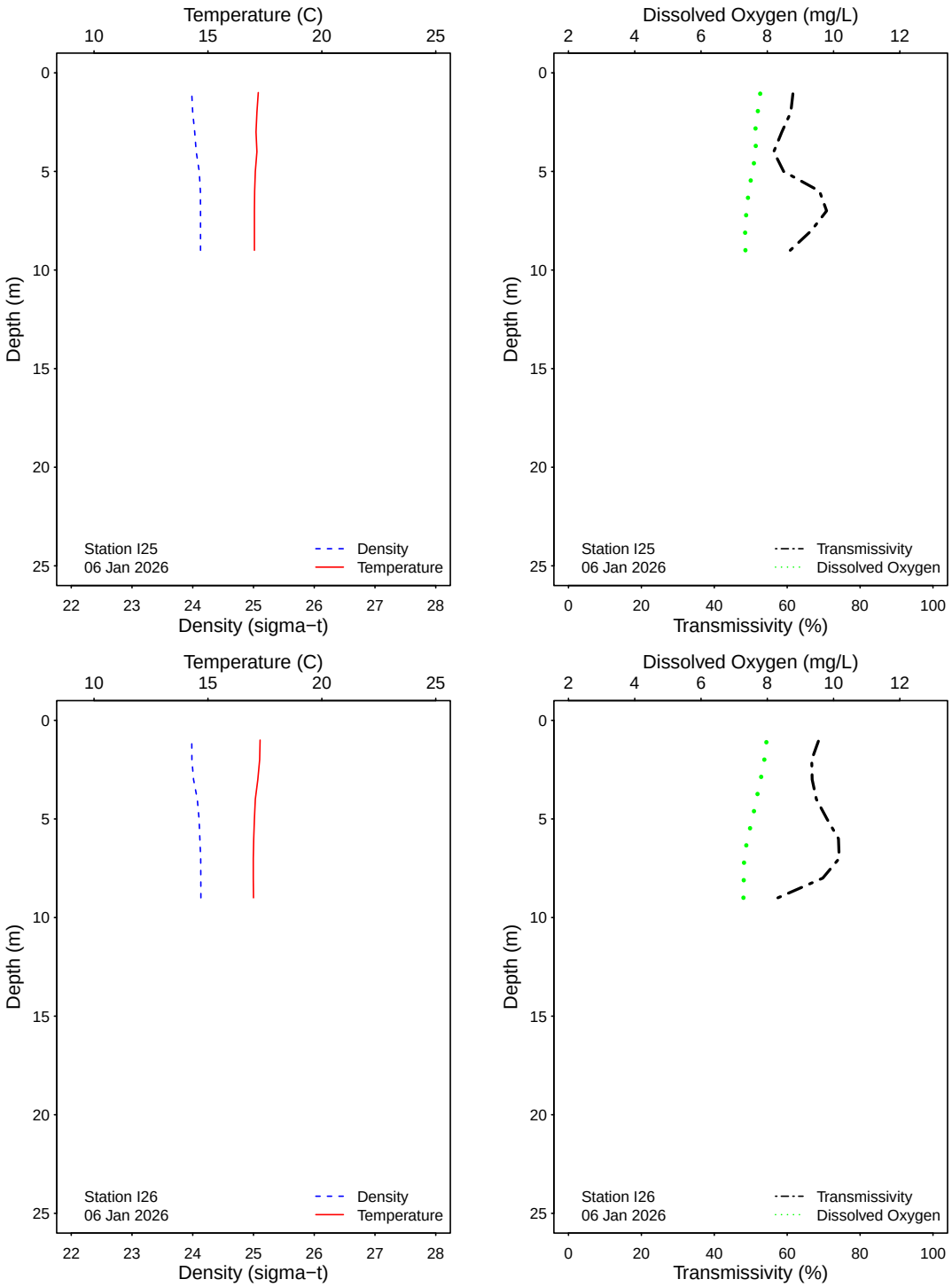

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

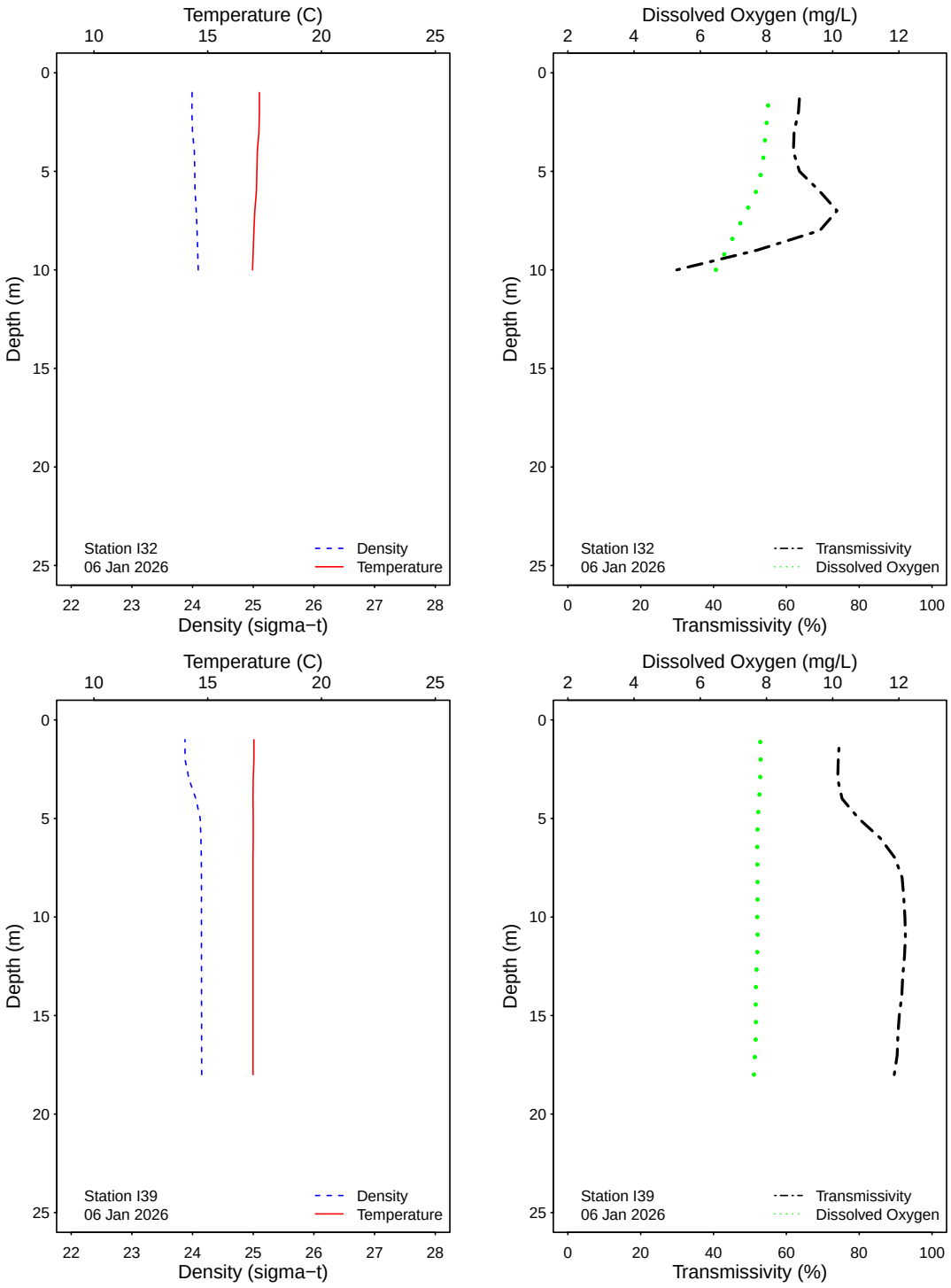

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

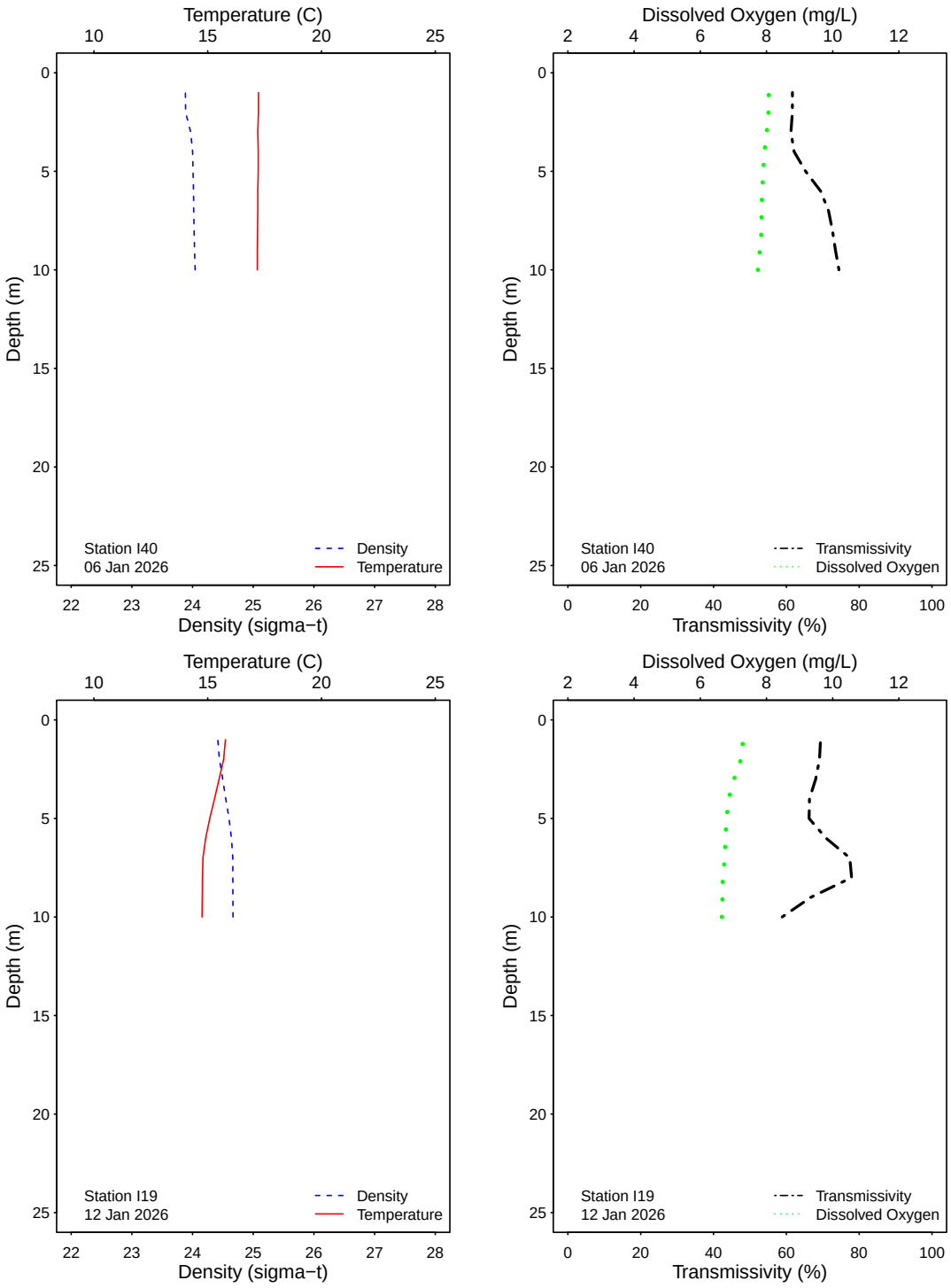

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

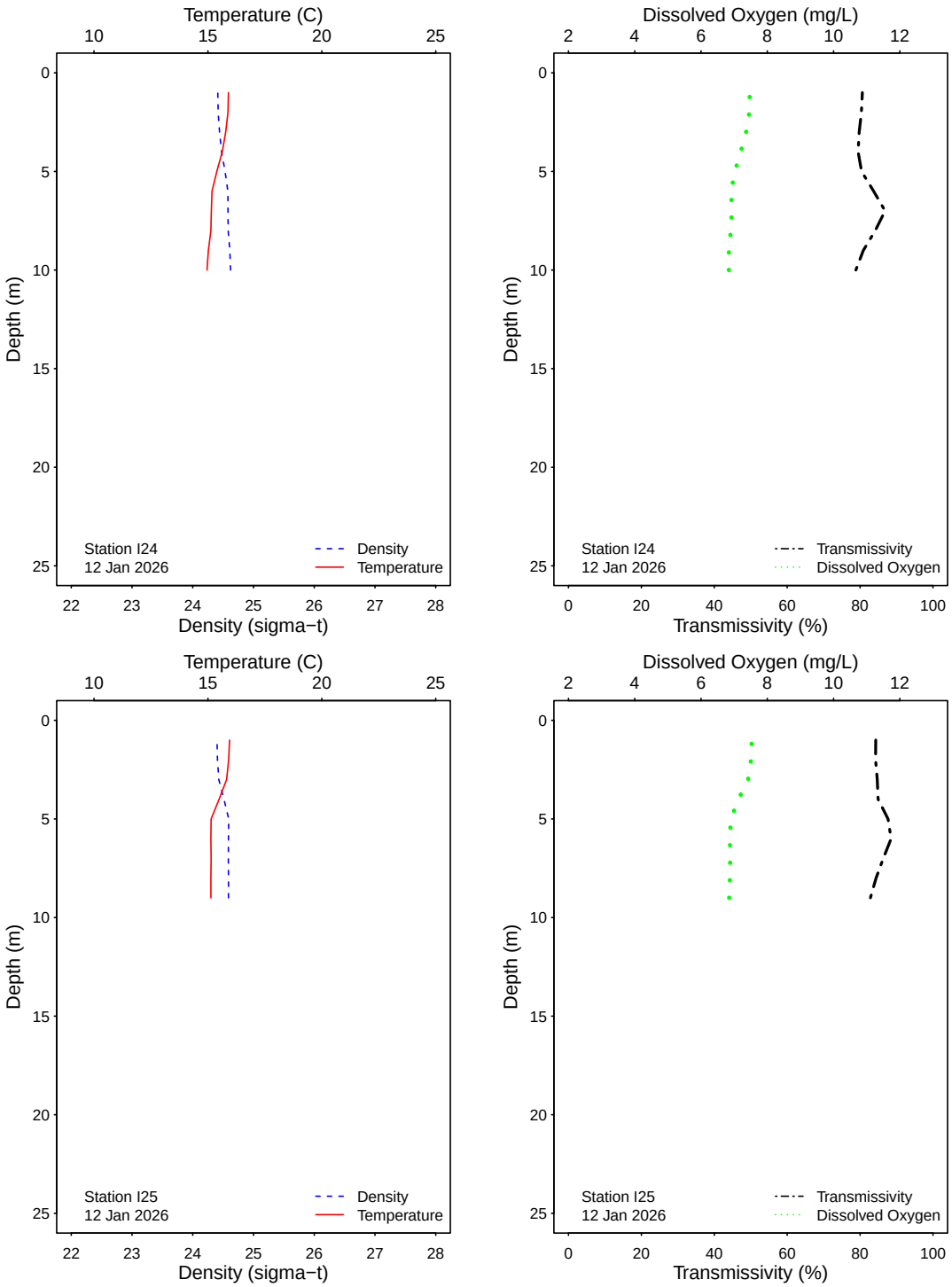

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

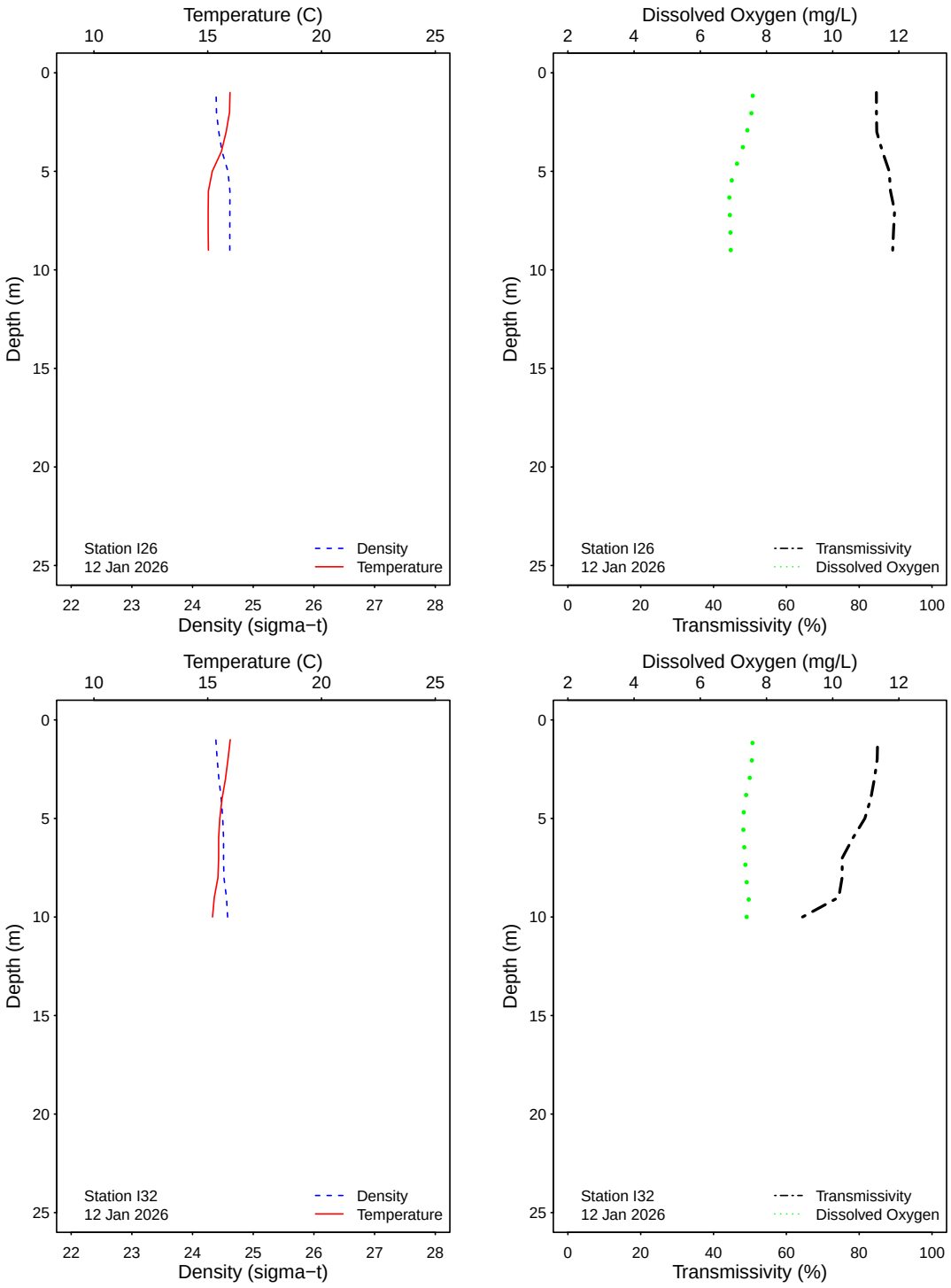

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

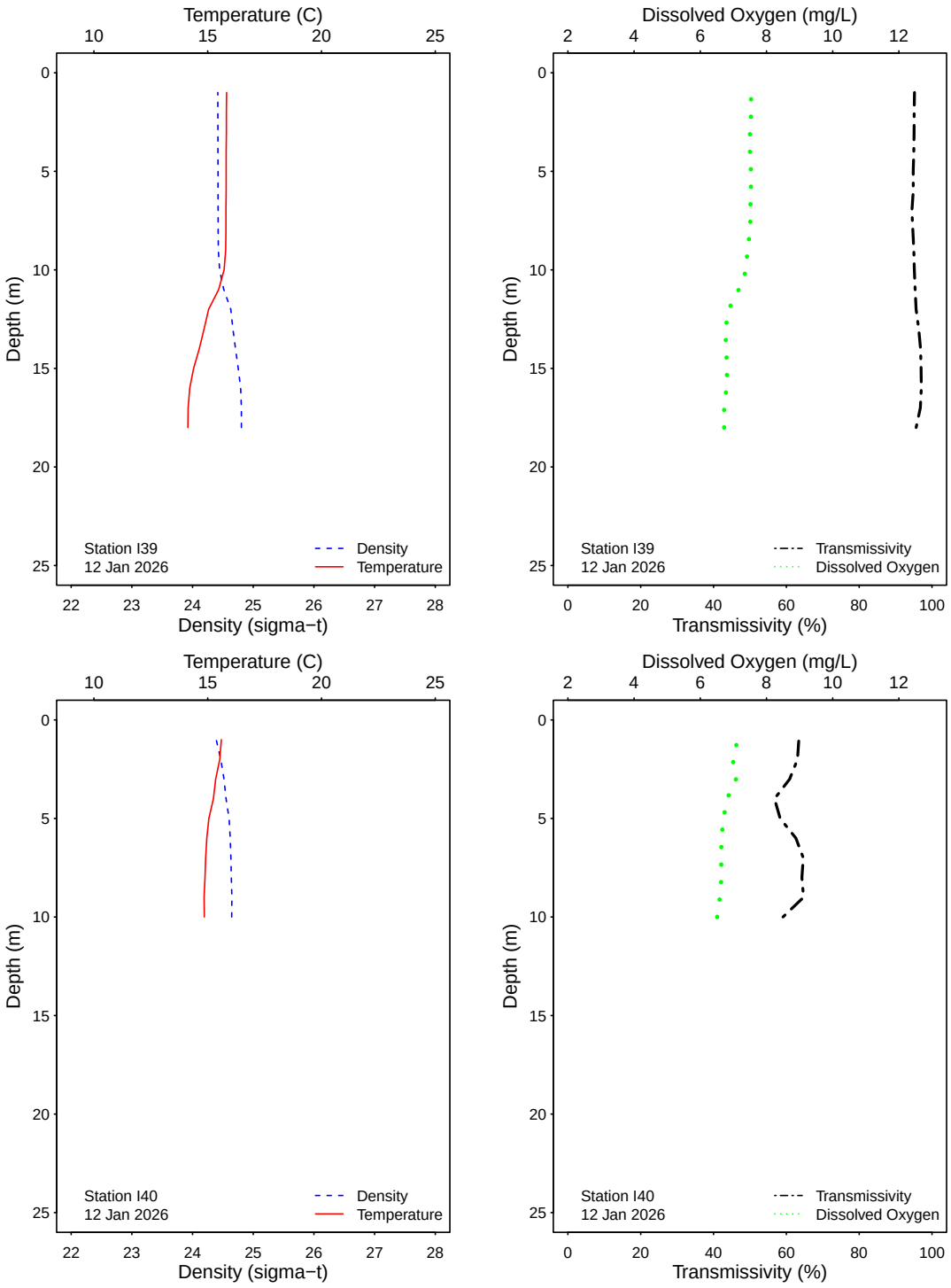

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

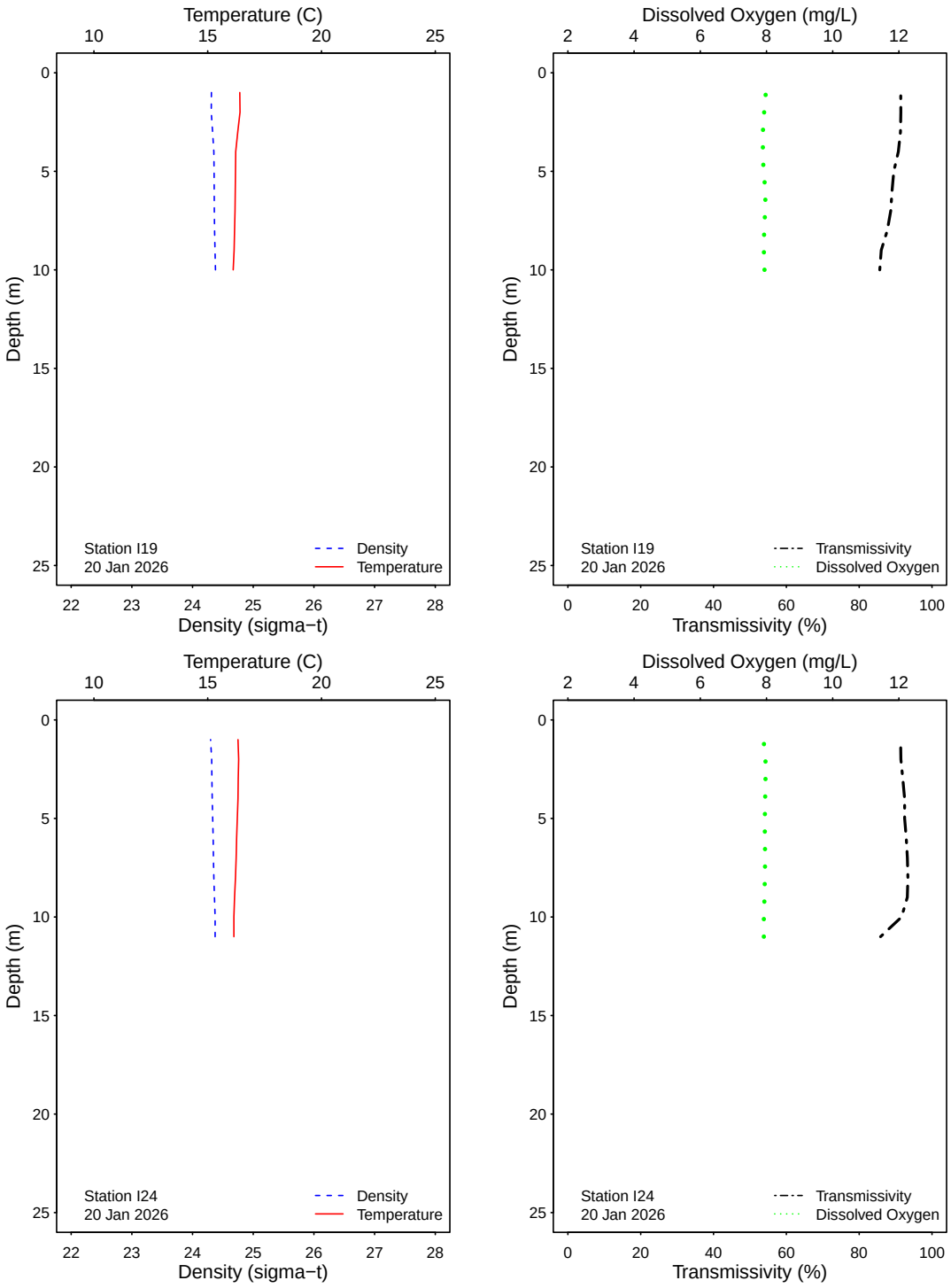

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

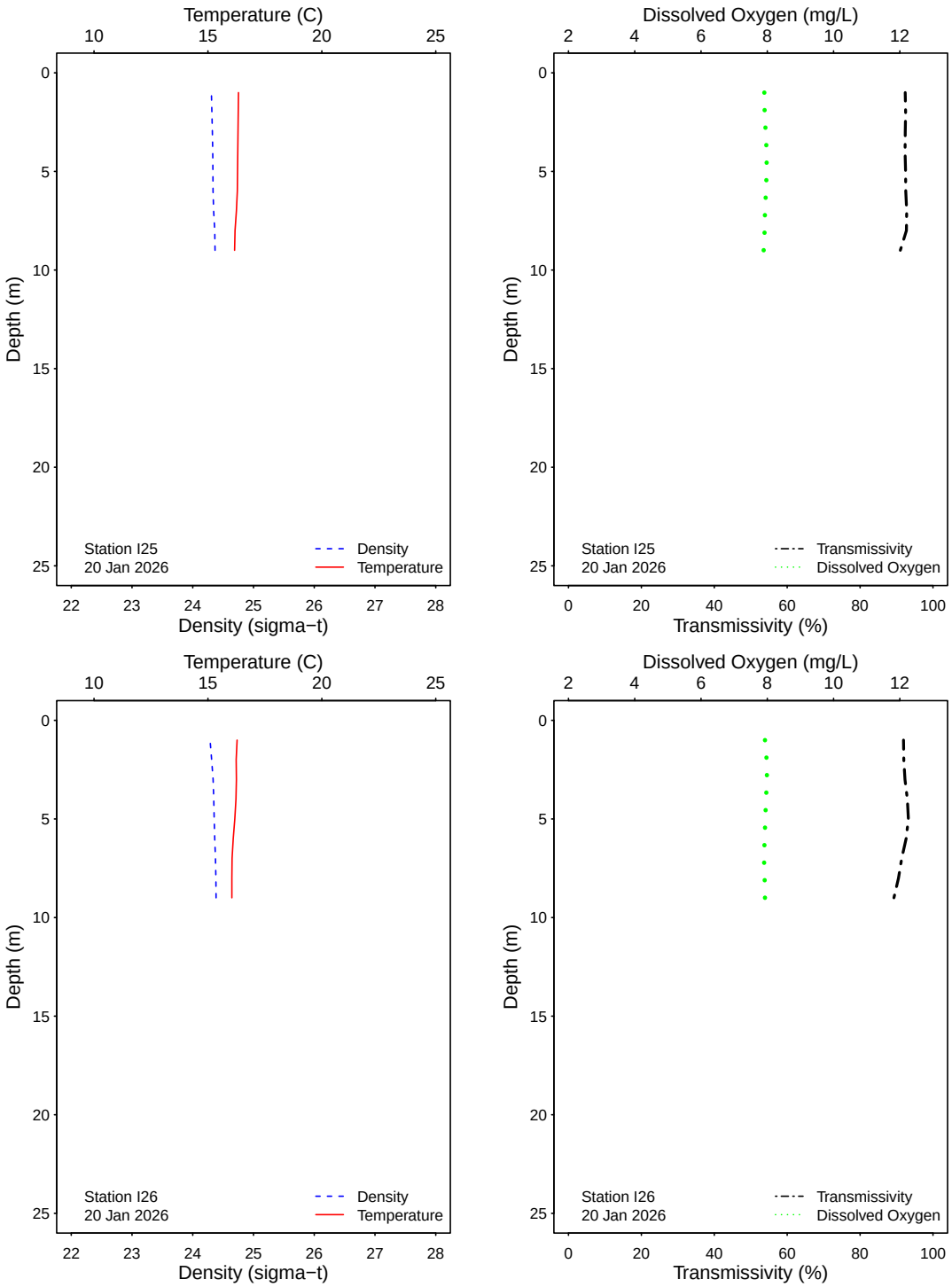

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

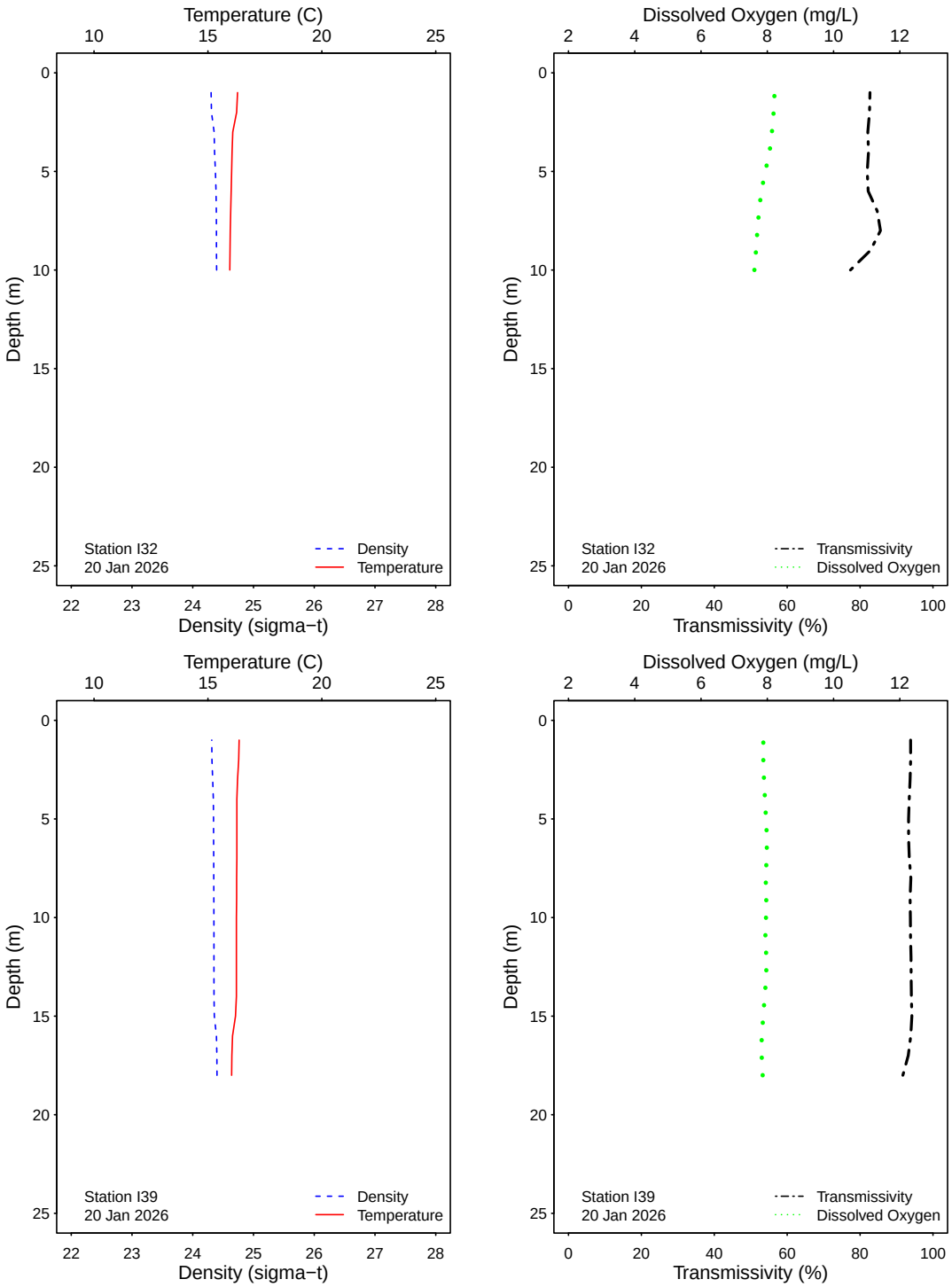

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

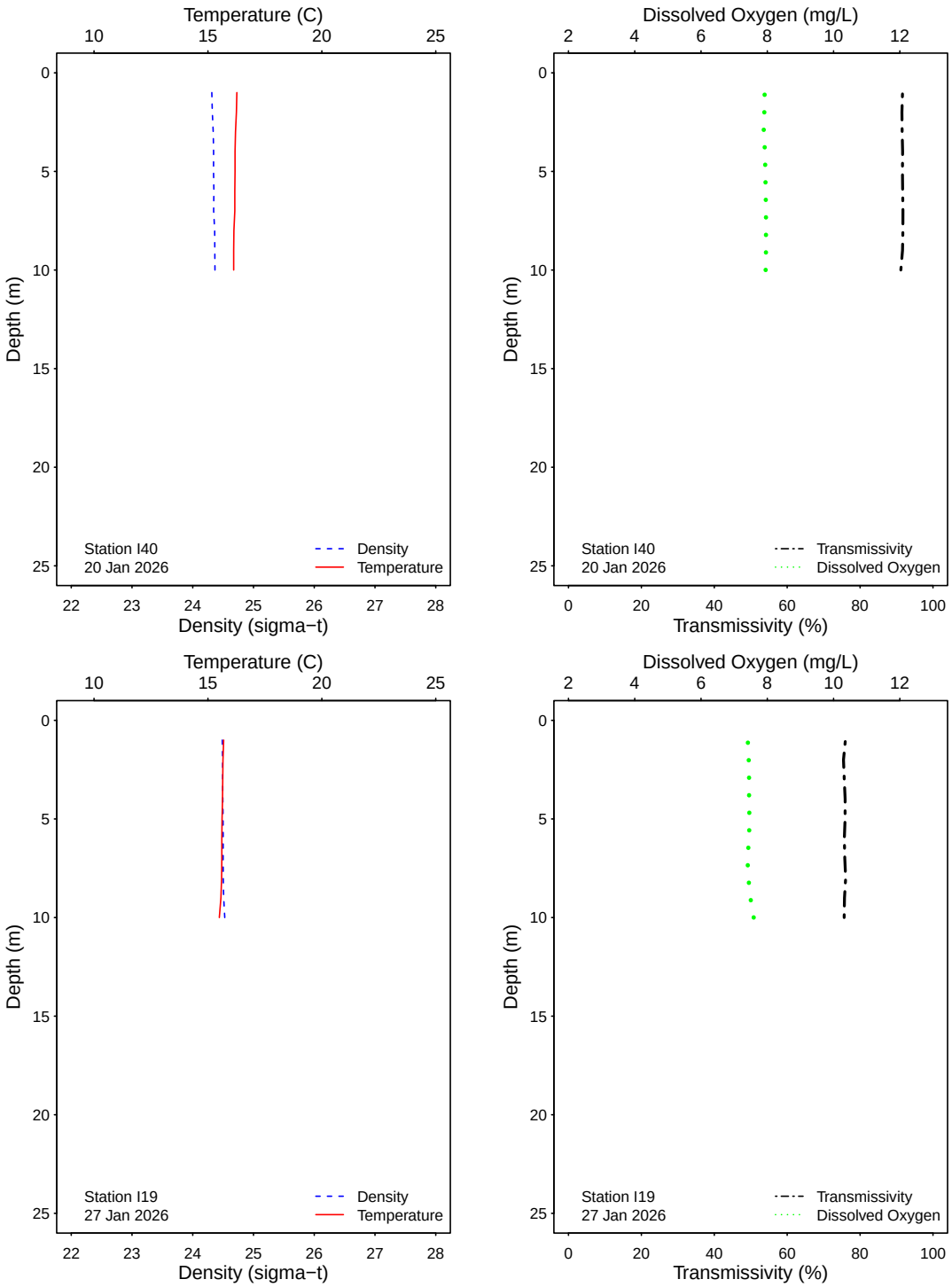

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

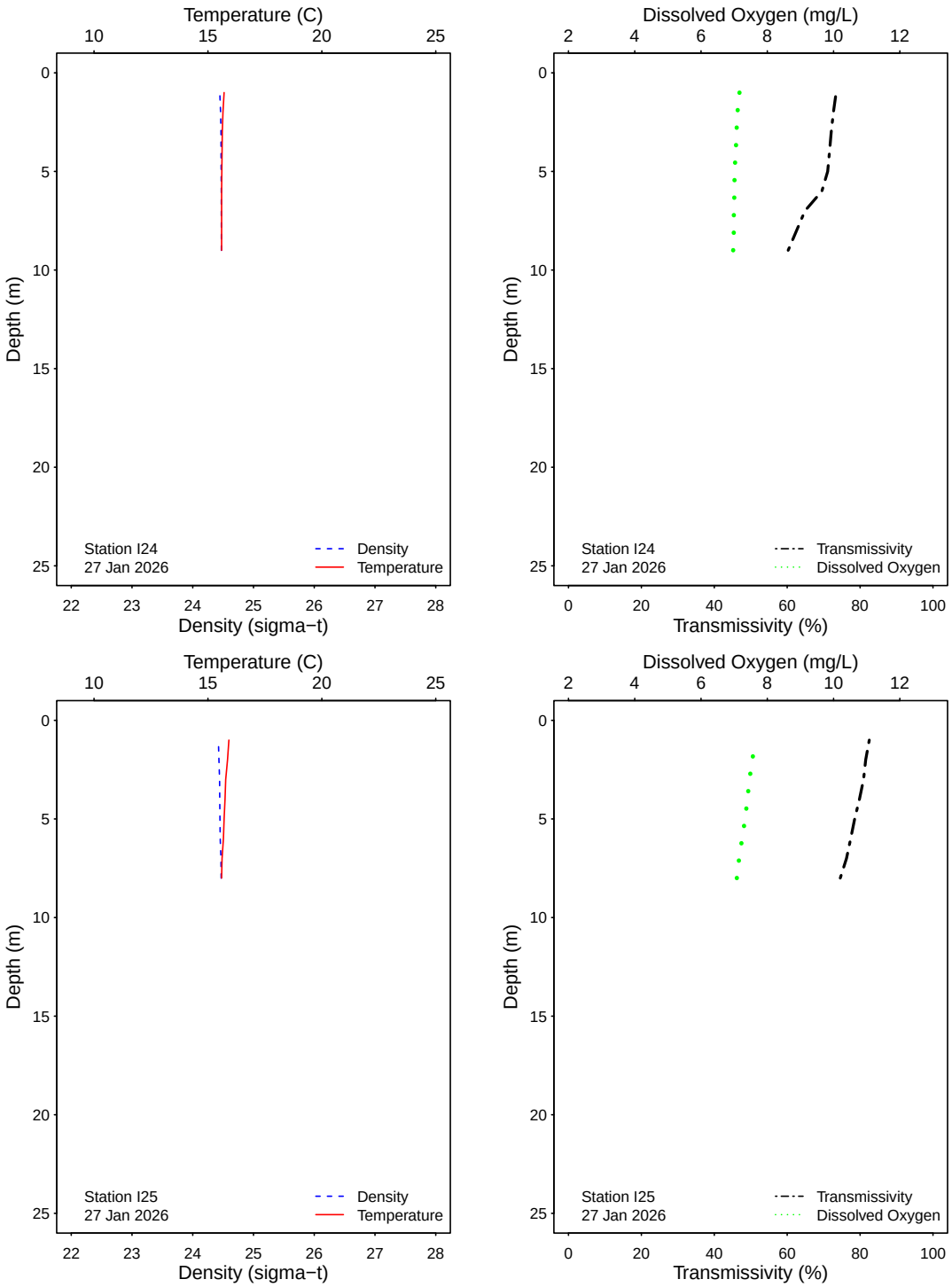

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

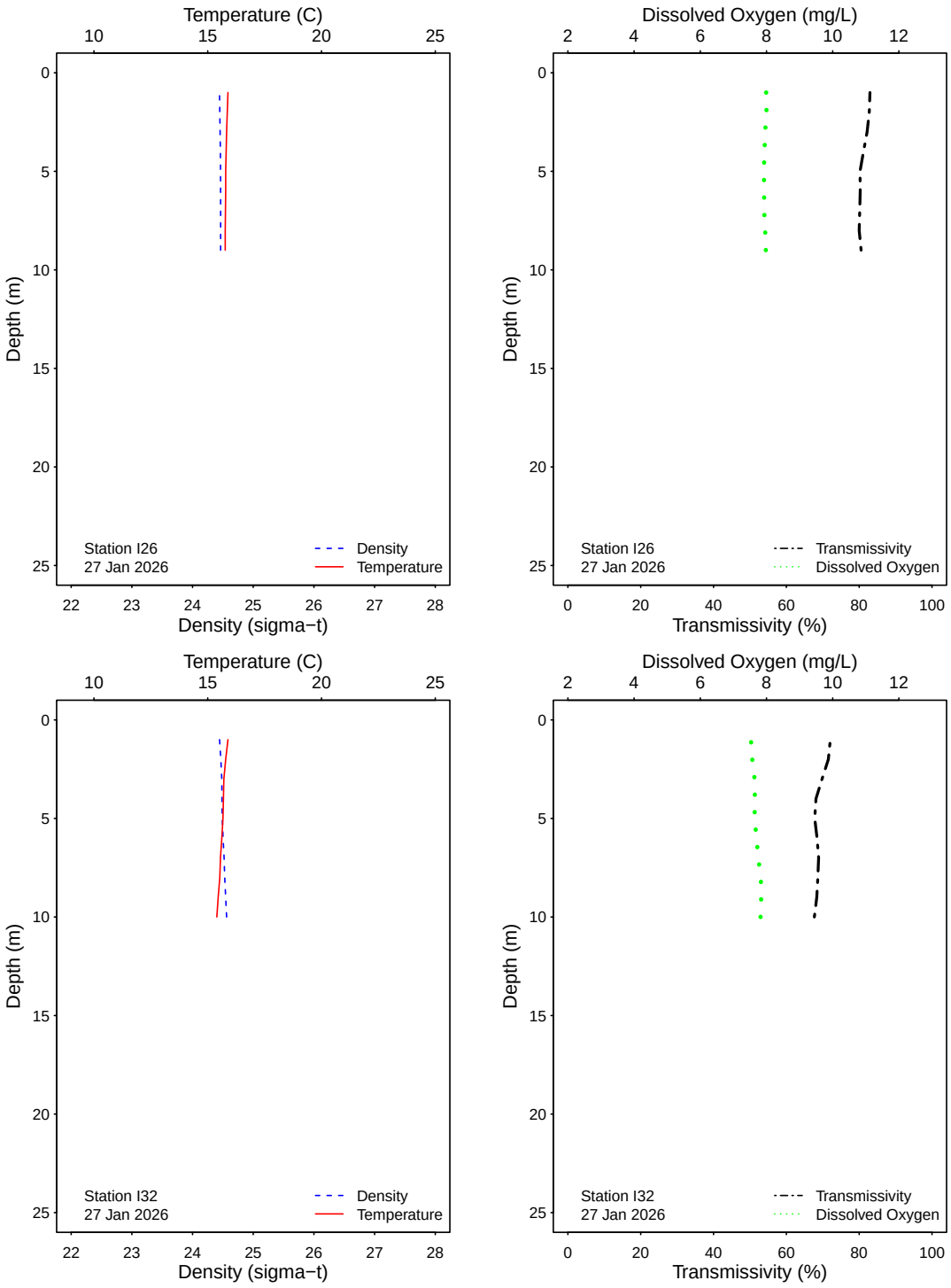

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

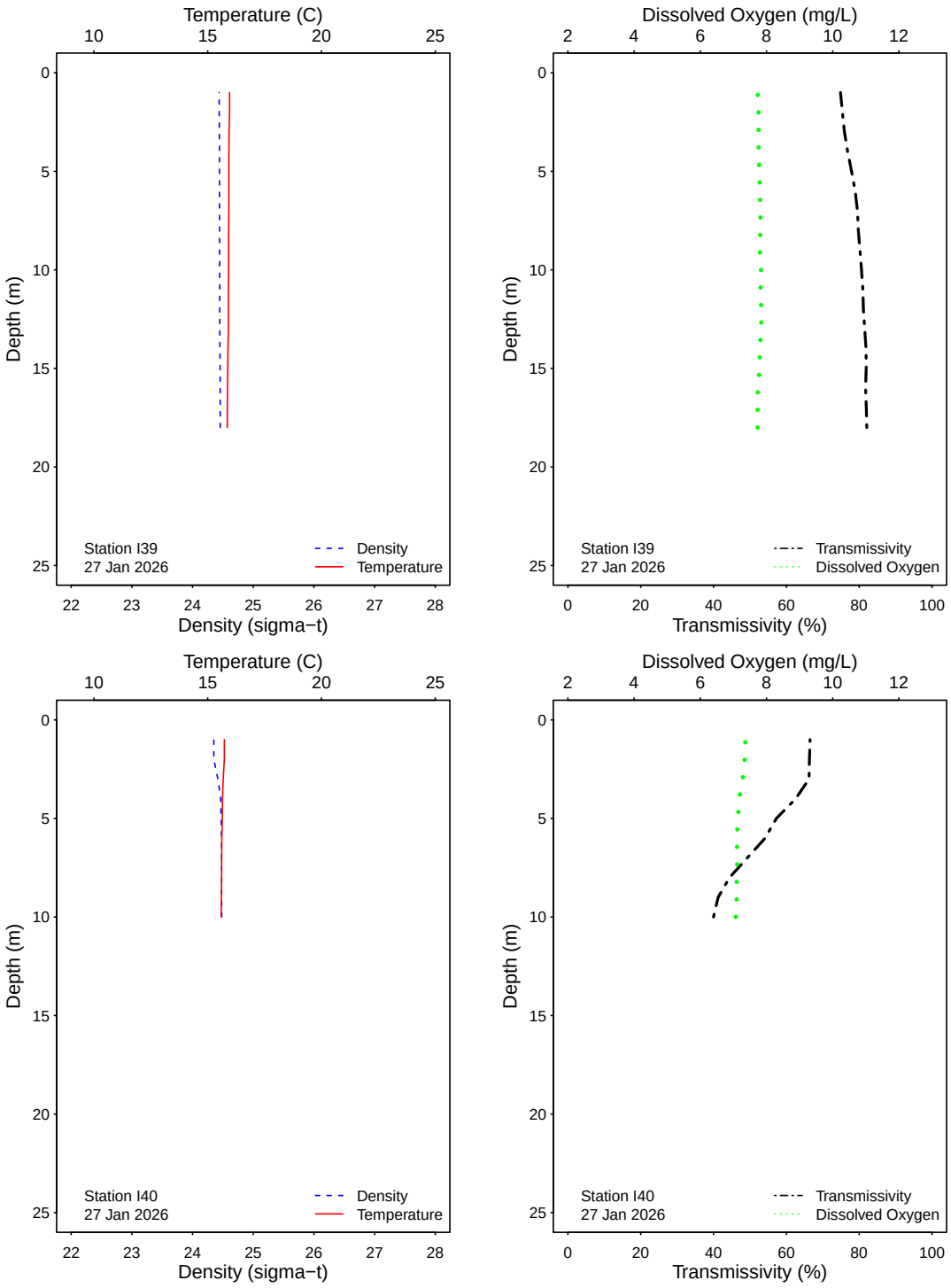

Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

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APPENDIX A

Quality Assurance

Table A.1

Summary of bacteriological quality assurance field and lab duplicate sample analyses at selected SBOO 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
S3	06 Jan 2026		JF	LAB DUPLICATE	800	100	160
I19	06 Jan 2026	6	WT	LAB DUPLICATE	720	82	20
I19	12 Jan 2026	6	KT	LAB DUPLICATE	4600	200	66
I19	20 Jan 2026	6	ADG	LAB DUPLICATE	2	2	2
I19	27 Jan 2026	6	SS	LAB DUPLICATE	360	78	32
I40	06 Jan 2026	6	WT	LAB DUPLICATE	9600	480	160
I40	12 Jan 2026	6	KT	LAB DUPLICATE	16000	1200	20
I40	20 Jan 2026	6	ADG	LAB DUPLICATE	3600	560	320
I40	27 Jan 2026	6	SS	LAB DUPLICATE	3200	580	100
S12	06 Jan 2026		SS	FIELD DUPLICATE	9800	780	660
S12	06 Jan 2026		SS	LAB DUPLICATE	11000	860	620
S12	13 Jan 2026		JF	LAB DUPLICATE	20	12	52
S12	13 Jan 2026		JF	FIELD DUPLICATE	20	8	46
S12	14 Jan 2026		JF	FIELD DUPLICATE	ns	4	ns
S12	14 Jan 2026		JF	LAB DUPLICATE	ns	4	ns
S12	20 Jan 2026		WT	FIELD DUPLICATE	160	22	96
S12	20 Jan 2026		WT	LAB DUPLICATE	260	22	98
S12	27 Jan 2026		KT	FIELD DUPLICATE	80	4	18
S12	27 Jan 2026		KT	LAB DUPLICATE	120	2	22

ns = not sampled
ND = no data

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